

# Michigan State Transportation Commission Meeting Agenda

**Date:** December 5, 2013

**Time:** 10:30 a.m.

**Location:** Lawrence Technological University  
University Technology and Learning Center  
UTLC Gallery, Room T210  
21000 W. 10 Mile Road  
Southfield, Michigan 48075

## Director's Report

### Commission Business

- Minutes of October 24, 2013 Commission Meeting (**motion to approve**)

### Oversight

- Exhibit A - Commission Agreements....Myron Frierson (**motion required**)
- Exhibit A-1 - Bid Letting Pre-Approvals....Myron Frierson (**motion required**)
- Exhibit A-2 - Letting Exceptions Agenda....Mark VanPortFleet (**motion required**)
- Exhibit A-3 – Information Only....Myron Frierson (no motion required)
- Exhibit B - Contract Adjustments....Brenda O'Brien (no motion required)

### Presentations

- Draft 2014-2018 Five Year Transportation Plan – Denise Jackson
- Zilwaukee Bridge Update – Bob Ranck and Matthew Chynoweth
- Metro Region Update – Tony Kratofil

### Public Comments

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

Agendas/Minutes/Materials can be found on our website at: [www.michigan.gov/transcommission](http://www.michigan.gov/transcommission)

**MINUTES**  
**MICHIGAN STATE TRANSPORTATION**  
**COMMISSION MEETING**  
**October 24, 2013**  
**Charlevoix, Michigan**

Meeting noticed in accordance with Open Meetings Act, Public Act 267 of 1976.

**Present:** Todd Wyett, Vice Chair  
Lynn Afendoulis, Commissioner  
Mike Hayes, Commissioner  
Chuck Moser, Commissioner

**Also Present:** Kirk Steudle, Director  
Frank E. Raha, Commission Advisor  
Amy Dickenson, Commission Executive Assistant  
Jack Cotter, Commission Auditor, Office of Commission Audit  
David Brickey, Attorney General's Office, Transportation Division  
Myron Frierson, Director of the Bureau of Finance and Administration  
Scott Thayer, North Region Engineer  
Mark VanPortFleet, Director of the Bureau of Highway Development  
Brenda O'Brien, Engineer of Construction & Technology  
David Wresinski, Director of the Bureau of Transportation Planning

Jeff Cranson, Office of Communications  
Mike Trout, Office of Aeronautics

**Absent:** Jerry Jung, Chair  
Ron Boji, Commissioner

A complete list of those people who attended the meeting is attached to the official minutes.

Vice Chair Wyett called the meeting to order at 3:00 p.m. in, Charlevoix Michigan.

**I. DIRECTOR'S REPORT**

Director Steudle discussed the traffic fatality update for October 2013, which is up to 705 compared to 620 in September 2013. Unless you are impacted by a fatality, whether family or friend, you do not really realize it. That is 85 more fatalities since September. There are still a few more months to go this year. The messages are put up to remind people that at the end of the day, we are here to make it safe for people to travel. The Towards Zero Death initiative will continue to be pushed and the primary focus will continue to be on safety.

Director Steudle also stated that legislative discussions are underway to discuss the department's budget. He discussed a quote "If people think that by doing nothing this problem will go away, it is only going to get worse". The number needed to fix Michigan's infrastructure is growing, we need \$1.5 billion and we continue to push for that budget.

II. **COMMISSION BUSINESS**

*Commission Minutes*

Vice Chair Wyett entertained a motion for approval of the minutes from the State Transportation Commission meeting September 26, 2013.

Moved by Commissioner Hayes with support from Commissioner Moser to approve the minutes from the State Transportation Commission meeting of September 26, 2013. Motion carried

III. **OVERSIGHT**

Commission Agreements (Exhibit A) – Myron Frierson

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

Vice Chair Wyett entertained a motion to approve Exhibit A. Motion was made by Commissioner Afendoulis and supported by Commissioner Moser to approve Exhibit A. Motion carried on a unanimous voice vote.

Commission Agreements (Supplemental Exhibit A) – Myron Frierson

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

Vice Chair Wyett asked how many departments review land sales.

Mr. Frierson stated that the Real Estate Division, Highway Development, and Attorney General review the sales of land.

Vice Chair Wyett asked if then Commission Audit reviews the land sale.

Mr. Cotter stated that the Office of Commission Audit reviews the language to ensure that most questions anyone might have, have been addressed in the write-up of the sale.

Mr. Frierson stated that transactions over \$100,000 go to the Commission for approval. In addition, we either have direct sales or the department has auctions.

Commissioner Hayes asked if this was an exchange of property.

Mr. Frierson stated that yes; it is an existing building that will be modified to move the Bay Region Office Building.

Director Steudle stated that the current offices were built in the 1960s. All other Region Office have been updated; however, the department has been able to maintain this building until now. The new building opportunity came up and is well suited for the new Bay Region Office.

Vice Chair Wyett entertained a motion to approve Supplemental Exhibit A. Motion was made by Commissioner Moser and supported by Commissioner Hayes to approve Exhibit A. Motion carried.

Bid Letting Pre-Approvals (Exhibit A-1) – Myron Frierson

Mr. Frierson presented Exhibit A-1. Exhibit A-1 included 15 state projects and 35 local projects.

For the October 4, 2013, Bid Letting, 15 State projects with total engineer estimates of \$20.4 million and total low bid dollars of \$21.1 million were let. The average low bid was \$1.4 million, and the median of 1.2 million. Of the 15 State projects let, seven included warranties with a low bid total of \$13.4 million. In comparison to October of 2012, 22 State projects with total engineer estimates of \$59.5 million and total low bid dollars of \$54.6 million were let.

For FY 2014, 300 State jobs are anticipated to be let with a total projected construction cost estimate of \$756.8 million. The November 1, 2013, Bid Letting is currently advertising 27 State projects with total engineer estimates of \$90.7 million and 73 Local projects with total engineer estimates of \$53.4 million. Of the 27 State projects advertised November 1, six include warranties with engineers' estimates of \$61.0 million.

Pending any questions, Mr. Frierson asked for approval of Exhibit A-1.

Vice Chair Wyett entertained a motion to Approve Exhibit A-1. Motion was made by Commissioner Hayes and supported by Commissioner Afendoulis to approve Exhibit A-1. Motion carried on a unanimous voice vote.

Letting Exceptions Agenda (Exhibit A-2) – Mark VanPortFleet

Mr. VanPortfleet provided information on two state projects and one local project that were over/under the engineers' estimates. Pending any questions, Mr. VanPortFleet asked for approval of Exhibit A-2.

Vice Chair Wyett entertained a motion to approve Exhibit A-2. Motion was made by Commissioner Afendoulis and supported by Commissioner Hayes to approve Exhibit A-2. Motion carried on a unanimous voice vote.

Contract Adjustments (Exhibit B) – Brenda O'Brien

Ms. O'Brien presented Exhibit B. For this month, the department is reporting on three state projects and one local agency project that went over the original contract price by 10% or more. The three state projects went over the original cost by \$103,958.10 and the one local project's costs went over the original cost by a total of \$32,709.49.

Fiscal Year-To-Date we are at +.032% over program wide.

No Motion was required.

IV. **PRESENTATIONS**

**North Region Presentation Overview – Scott Thayer, Region Engineer**

Mr. Thayer provided an overview of the presentations and introduced the presenters. He also introduced members from the North Region Team.

**Trail Connections – Patty O'Donnell, Region Planner; Emily St. Myerson, Northern Michigan Trails Coordinator; Julie Clark, Traverse Area Recreation and Transportation Trails Inc. (Tart)**

Ms. O'Donnell introduced Emily St. Myerson that discussed the Trail Connection from Charlevoix to Traverse City. The trail and bicycle facilities are recreation, transportation, mobility options, prescription for health, economic development, place making, social equity, community building, and good for the environment.

She discussed the multiple types of uses and stated that demand is high. These trails also provide beautiful scenery and routes to forgotten places.

Julie Clark from Tart Trails stated that Traverse City has over 70 miles of trails in the Region. Thanks to the partnership with MDOT, they started building trails back in the 1990s. She discussed Traverse City's system, which runs along old rail lines. Statistically, people are using the trails all year round to travel and get where they want to go. Ms. Clark discussed the Northwest Michigan Trail Connection, stating that people want the connections and are using it. Partnerships have been made for snow removal on the trails so people can use the trails all year. The trails are bringing more tourism. The trails offer opportunities to explore our cultural and natural resources. Ms. Clark stated that none of this could happen without partnership efforts.

Ms. O'Donnell stated that MDOT volunteered to coordinate and facilitate the Northwest Michigan Trail Connection efforts. She announced that Tart Trails and the Top of Michigan Trails Council applied for a grant to help develop a trail plan. This trail plan process will include project scoping, givens and existing conditions, data needs, project goals and objectives, develop alternatives, select preferred alternative, and implementation. The Implementation will include developing a concept plan, design and amenities, management and maintenance, cost estimate, and funding strategy.

**Mesick Round-About and Sherman Hill Project Update – Rick Liptak, Cadillac Transportation Service Center Manager**

Mr. Liptak discussed the M-37 and M-115 Round-about. Due to the number of crashes at this intersection, the department applied for safety funds and a Safety Audit was conducted in 2010. As a result, the most cost effective and safest measure was a roundabout. Mr. Liptak discussed the options considered, which included the installation of a traffic signal, installation of a four-way stop control, intersection realignment, minor improvements, and a roundabout. The expected improvements include a 71% reduction in total crashes, 76% reduction in fatal/incapacitating injury

crashes, and a 39% reduction in minor property damage crashes.

Mr. Liptak discussed the M-37 – Sherman Hill project. He stated that the first major component was reconstruction and realignment at the Hill. Emergency Response and Maintenance staff have stated that it is dangerous responding to an incident on this hill, because you only have about four seconds of sight distance, while the standard is eight seconds. Truckers from 10 states deliver to Northwest Michigan and if weather is at all questionable, they would stop at nearest fuel station and call the Road Commission, and then wait for the maintenance truck if it is snowing. The department moved 500,000 yards of dirt, 250,000 yards of cut and originally had 90,000 yards of fill for this project. They worked with the adjacent landowner that expressed interest in using the dirt to fill a hole next to the highway. This allowed us to use the excess dirt and balance the earthwork, resulting in a project savings of \$950,000.

A full copy of these presentations is on file.

VI. **PUBLIC COMMENTS**

VII. **ADJOURNMENT**

There being no further business to come before the Commission, Vice Chair Wyett declared the meeting adjourned at 4:21 p.m.

The next full meeting of the Michigan State Transportation Commission will be held on Thursday, December 5, 2013, at Lawrence Tech in Southfield, Michigan, commencing at 10:30 a.m.

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Frank E. Raha  
Commission Advisor



State Transportation Commission

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## OFFICE MEMORANDUM

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**DATE:** November 26, 2013

**TO:** State Transportation Commission

**FROM:** Jack Cotter, CPA  
Commission Auditor  
Office of Commission Audits

**SUBJECT:** State Transportation Commission Agenda – Exhibit A  
December 5, 2013

The Commission has requested that it be informed when an agreement listed in the State Transportation Commission Agenda, Exhibit A, includes an agency that has owed the department funds in excess of \$20,000 for more than 120 days. The Office of Commission Audits (OCA) notes that Exhibit A includes an entity owing the department funds in excess of \$20,000 for more than 120 days as of November 26, 2013. Attachment 1, the Schedule of Receivables Outstanding, shows the current status of the receivable from the entity.

Also, Guidance Document 10044, *Processing Audit Requests and Auditor's Reports on Contractual Agreements*, provides for the department's processing of auditor's reports within 120 days of OCA's issuance of the auditor's reports. OCA notes that as of November 26, 2013, Exhibit A does not include any entities having auditor's reports that have not been processed within the timeline provided for in the guidance document.

Jack Cotter, CPA  
Commission Auditor

Attachments  
cc: F. Raha

Office of Commission Audits  
Schedule of Receivables Outstanding  
Receivables Issued Prior to July 29, 2013  
As of November 26, 2013

<u>Entity</u>	<u>Exhibit No.</u>	<u>Type of Receivable</u>	<u>Outstanding</u>	<u>Date</u>
Lake State Railway Company	A12	Rail Infrastructure Bank	\$138,806	November 1, 2006

Comments:

Lake State Railway Company borrowed from the department \$396,590 under a 0% annual rate of interest 124-month loan and repayment agreement. The company has made all scheduled loan repayments to date. The next scheduled loan repayment is \$9,914 on September 30, 2014.

REQUEST FOR MICHIGAN STATE TRANSPORTATION  
COMMISSION APPROVAL

CONTRACTS

December 5, 2013

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.

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CONTRACTS

1. HIGHWAYS (Development Services) – Resolution ‘A’ (Direct Sale)  
Tract 1334, Item 1, Control Section 46998, Parcel: Tecumseh Construction Office

The subject property is located in the City of Tecumseh, Lenawee County, Michigan, and contains a 3,120 square foot office/commercial/industrial building on approximately 4.2 acres of land. The property was appraised by Scott Goeman on October 8, 2013, at \$150,000. The property was offered for sale by auction on July 24, 2013, and received no bids. The property was subsequently listed for sale with a private realtor. The purchaser, Artonic, LLC (Matthew J. Harper), has submitted an Application to Purchase and Agreement of Sale in the amount of \$150,000 with a \$7,500 bid deposit. Program and Property Management Services Unit Supervisor Patrick Scarlett approved this tract for direct sale for the amount of \$150,000 on October 8, 2013. The property was determined to be excess by the Bureau of Highway Development.

2. \*EXECUTIVE (Office of Economic Development) - SIB Loan  
Contract (2014-0072) between MDOT and the Washtenaw County Road Commission is a state infrastructure bank (SIB) loan to assist the Commission in completing the reconstruction of Carpenter Road. The Commission plans to use its FY 2015 Transportation Economic Development Fund Category F grant funds to repay the loan. MDOT will loan \$375,000 at 3 percent interest for one year to the Washtenaw County Road Commission. The contract will be in effect from the date of award through April 15, 2015. Source of Funds: SIB Loan Funds - \$375,000.

3. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2013-5458) between MDOT and the Village of Kalkaska will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds):

Hot mix asphalt paving work along Birch Street from Third Street northerly to Highway M-72, including crushing and shaping and aggregate shoulder work.

Estimated Funds:

State Restricted TED Funds	\$162,600
Village of Kaskaska Funds	<u>\$ 40,700</u>
Total Funds	<u>\$203,300</u>

STL 40555 – 116284; Kaskaska County  
Letting of 12/6/2013

4. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2013-5488) 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):

Hot mix asphalt paving work along Central Road from approximately 750 west of Centennial Road to Quimby Road, including shoulder, pavement marking, and traffic control work.

Estimated Funds:

State Restricted TED Funds	\$ 33,300
FHWA STP – Rural Funds	\$190,200
Branch County Road Commission Funds	<u>\$ 14,300</u>
Total Funds	<u>\$237,800</u>

STL 12555 - 120222  
Letting of 11/1/2013

5. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2013-5593) 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), Federal Highway Administration Highway Safety Improvement Program Funds designated for Local Agency projects (FHWA HSIP Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt paving work along 20 Mile Road from approximately 0.07 miles west of southbound Highway US-131 to the west village limits of Tustin and along 20 Mile Road from the east village limits of Tustin easterly approximately 0.29 miles, including crushing and shaping, guardrail upgrading, and pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$ 62,200
FHWA HSIP Funds	\$ 24,900
FHWA STP – Rural Funds	<u>\$224,000</u>
Total Funds	<u>\$311,100</u>

STL 67555 - 119131

Letting of 11/1/2013

6. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2013-5616) 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 work along Buchanan Road from Highway US-127 easterly to Baldwin Road, including aggregate shoulder, guardrail upgrading, and pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$ 34,000
FHWA STP – Rural Funds	<u>\$102,000</u>
Total Funds	<u>\$136,000</u>

STL 29555 - 119164

Letting of 12/6/2013

7. HIGHWAYS - Participation for Local Agency Early Preliminary Engineering Services

Contract (2013-5662) between MDOT and the Detroit Downtown Development Authority will provide for funding participation in the following improvements:

Planning and Environmental Linkage feasibility study along the Highway I-375 Corridor, which encompasses Highway I-375 from Highway I-75 to Jefferson Avenue, West and East Jefferson Avenue (including portions of Highway M-10 and the Highway I-375 business spur) from Washington Boulevard to Joseph Campau Street, and Gratiot Avenue (Highway M-3) from the Gratiot Avenue Connector (Highway I-75/I-375 Service Drive) to St. Antoine Street, including traffic analyses, preparation of reports, and preparation of engineering drawings.

Estimated Funds:

Detroit Downtown Development Authority	\$250,000
State Restricted Trunkline Funds	<u>\$250,000</u>
Total Funds	<u>\$500,000</u>

M 82111 – 112125; Wayne County  
Local Early Preliminary Engineering

\* Denotes a non-standard contract/amendment

8. \*HIGHWAYS - Participation for Local Agency Construction Contract  
 Amendatory Contract (2013-5675) between MDOT and the City of Tecumseh will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Hot mix asphalt cold milling and resurfacing work along Rogers Highway from Highway M-50 to Russell Road, including center left-turn lane at Highway M-50, concrete curb and gutter, culvert, guardrail, sign, and pavement marking work.

The purpose of this amendment is to provide for an increase in the state participation ratio from 89 percent to 97 percent and an increase in the maximum amount of State TED Funds from \$412,110 to \$439,793 to be applied to the eligible items of the project cost. With this amendment, MDOT follows through on its intent to provide a specific degree of financial assistance to the City. This contract is for the construction portion of the project only. When the project is complete, the remaining local minimum match of \$124,431 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	\$412,110	\$ 27,683	\$439,793
City of Tecumseh Funds	<u>\$ 72,590</u>	<u>\$(27,683)</u>	<u>\$ 44,907</u>
Total Funds	<u>\$484,700</u>	<u>\$ 0</u>	<u>\$484,700</u>

EDA 46522 – 116546; Lenawee County  
 Amendment

9. HIGHWAYS - Participation for Local Agency Construction Contract  
 Contract (2013-5680) between MDOT and the Alger County Road Commission will provide for participation in the following improvements:

Single course chip seal work along H-01 from Highway M-67 northerly approximately 2.5 miles and along H-01 from H-44 northerly approximately 2.5 miles.

Estimated Funds:

Federal Highway Administration Funds	\$75,131
Alger County Road Commission Funds	<u>\$18,783</u>
Total Funds	<u>\$93,914</u>

STL 02003 - 119465  
 Local Force Account

10. PASSENGER TRANSPORTATION - Section 5310 Program

Project Authorization (1) Revision (1) under Master Agreement (2012-0178) between MDOT and Vocational Independence Program Transportation, in Genesee County, will increase funding by \$10,902 for the purchase of replacement buses. Original estimates were based on a pending MiDeal Extended Purchasing Program contract that was not awarded. The increase in funding is requested because a new contract through the Huron County Board of Commissioners for the manufacture and delivery of buses has been awarded, and the cost per bus is higher than was originally anticipated. The original authorization provides federal funds and state matching funds under the FY 2012 Federal Section 5310 Elderly and Persons with Disabilities Program for the purchase of replacement buses. The authorization term remains unchanged, September 7, 2012, through September 6, 2015. The revised authorization amount will be \$286,581. 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 - \$229,264; FY 2002 and FY 2014 State Restricted Comprehensive Transportation Funds - \$57,317.

11. \*RAIL - Increase Services and Amount

Amendatory Contract (2009-0489/A4) between MDOT and Great Lakes Central Railroad, Inc., will provide for the performance of additional services and will increase the contract amount by \$1,193,236. State funding will be increased by \$1,193,236, including \$100,000 for maintenance and oversight of the 23 refurbished cars, continued conveyance of cars to and from static displays, and continued conveyance of cars to and from Amtrak pickup and release points for use in Amtrak special trains, and \$1,093,236 for an additional 12 months of lease payments. The original contract provides for the refurbishment and leasing of 8 cab cars and 16 coaches for the Ann Arbor-Detroit Regional Rail Project and the Washtenaw-Livingston Line Project. MDOT will continue to lease the cars for up to 60 months. The contract term remains unchanged, April 6, 2010, through December 31, 2015. The revised contract amount will be \$10,704,868. Source of Funds: Federal Highway Administration Funds - \$2,756,342; FY 2009 State Restricted Comprehensive Transportation Funds - \$5,413,083; FY 2012 State Restricted Comprehensive Transportation Funds - \$178,661; FY 2013 State Restricted Comprehensive Transportation Funds - \$1,163,546; and FY 2014 State Restricted Comprehensive Transportation Funds - \$1,193,236.

12. \*RAIL – Reduce Loan Amount

Amendatory Contract (2011-0228/A1) between MDOT and Dearborn Steel Center, Inc., will reduce the loan amount by \$65,611.90 to reflect actual eligible costs. The project amount was reduced by \$131,223.81, as the rail infrastructure improvement project, estimated at \$316,775, actually cost \$185,551.19. The original contract provides financial assistance in the form of a loan for the realignment of an existing rail spur and the construction of an additional rail spur at the company's location in the city of Dearborn. The contract term remains unchanged, from April 21, 2011, until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the loan has been fully repaid, whichever occurs first. The revised project cost will be \$185,551.19. The revised loan amount will be \$92,775.60, 50 percent of the project cost. Provisions included in the contract permit the loan to be forgiven incrementally over a five-year period if Dearborn Steel Center, Inc., generates a minimum of 300 inbound and/or outbound carloads of freight over and above the current service threshold of 2,500 carloads annually. Source of Funds: FY 2011 State Restricted Comprehensive Transportation Funds - \$92,775.60; Dearborn Steel Center, Inc., Funds - \$92,775.60.

13. \*RAIL – Reduce Loan Amount

Amendatory Contract (2013-0299/A1) between MDOT and Lake State Railway Company will reduce the loan amount by \$30,962.89 to reflect actual eligible costs. The project amount was reduced by \$61,925.78, as the rail siding project, estimated at \$1,720,940, actually cost \$1,659,014.22. The original contract provides financial assistance in the form of a loan for the construction of a side track to serve a new grain facility in Lincoln Township, Arenac County. The contract term remains unchanged, from July 31, 2013, until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the loan has been fully repaid, whichever occurs first. The revised project cost will be \$1,659,014.22. The revised loan amount will be \$829,507.11, 50 percent of the project cost. Provisions included in the contract permit the loan to be forgiven incrementally over a five-year period if Lake State Railway Company generates a minimum of 600 inbound and/or outbound carloads of freight annually. Source of Funds: FY 2013 State Restricted Comprehensive Transportation Funds - \$829,507.11; Lake State Railway Company Funds - \$829,507.11.

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 October 7, 2013.

Respectfully submitted,

*Original Signed*

Kirk T. Steudle  
Director

## **LETTING STATISTICS**

**NOVEMBER 2013**

### **STATE PROJECTS OVERVIEW**

For the November 1 and 6, 2013, Bid Lettings, 27 State projects with total engineer estimates of \$88.6 million and total low bid dollars of \$85.3 million were let. The one State project that let on November 6 was a FCVS project for lane miles bid.

The average low bid for the 27 State projects of the November lettings was \$3.2 million and the median of \$688.4 thousand. Seven of the 27 State projects let included warranties with a low bid total of \$55.9 million. In comparison to November of 2012, 34 State projects with total engineer estimates of \$144.6 million and total low bid dollars of \$126.8 million were let.

The State total number of projects let for fiscal year 2014 to date is 42 with the low bid total of \$106.3 million. Compared to the same period in fiscal year 2013, 56 State projects were let with a low bid total of \$181.4 million.

There is one State project remaining TBA requiring commission approval with a low bid total of \$12.7 million, or 17.0%, above the \$10.9 million in engineer estimates.

### **PROJECTS OVERVIEW**

The total number of bids received for the 98 projects let in November was 391 for an average of 3.99 bids per project. Of the 391 bids received, 97 were received for the 27 State projects for an average of 3.59 bids per project.

For the November 1, letting, one State project and two LAP projects were withdrawn, and currently all bids have been rejected for two Local projects.

Of the 127 contracting companies eligible to submit bids for the November bid lettings, 102 or 80.3% submitted at least one bid. In November of 2012, 120 contracting companies were eligible with 105 or 87.5%, submitting at least one bid.

### **JOB PROJECTIONS**

For FY 2014, 300 State jobs are anticipated to be let with a total projected construction cost estimate of \$756.8 million.

For fiscal year 2014, the November 2013, bid lettings, let 39 State jobs with \$88.62 million in total estimates representing 18.7% of the total number of jobs anticipated and 14.4% of the total cost projection. In comparison to fiscal year 2013 with 313 as the anticipated number of State jobs to be let and total engineer estimates projected as \$680.2 million, the 43 State jobs let in November of 2012 represented 22.7% of the total number of jobs anticipated for this period and \$144.61 million in total engineer estimates which represented 30.0% of the projected construction cost estimates.

Leading up to and including the November 2013, bid lettings, 96.6% of 58 State jobs anticipated for this period were let and of the \$137.2 million, 79.4% represented the projected construction cost estimate. For this same period through November of 2012, 102.9% of 69 State jobs anticipated for this period, was let, and 168.9% of the \$120.9 million represented the projected construction cost estimates.

### **UPCOMING LETTING STATS**

The December 6, 2013, Bid Letting, is advertising 27 State projects with total engineer estimates of \$75.4 million and 39 Local projects with total engineer estimates of \$38.2 million. Of the 27 State projects, 14 include warranties with engineers' estimates of \$52.8 million. A special letting is scheduled for December 11, 2013 advertising two State projects with total engineer estimates of \$164.0 million. The two State projects advertised for December 11, include warranties.

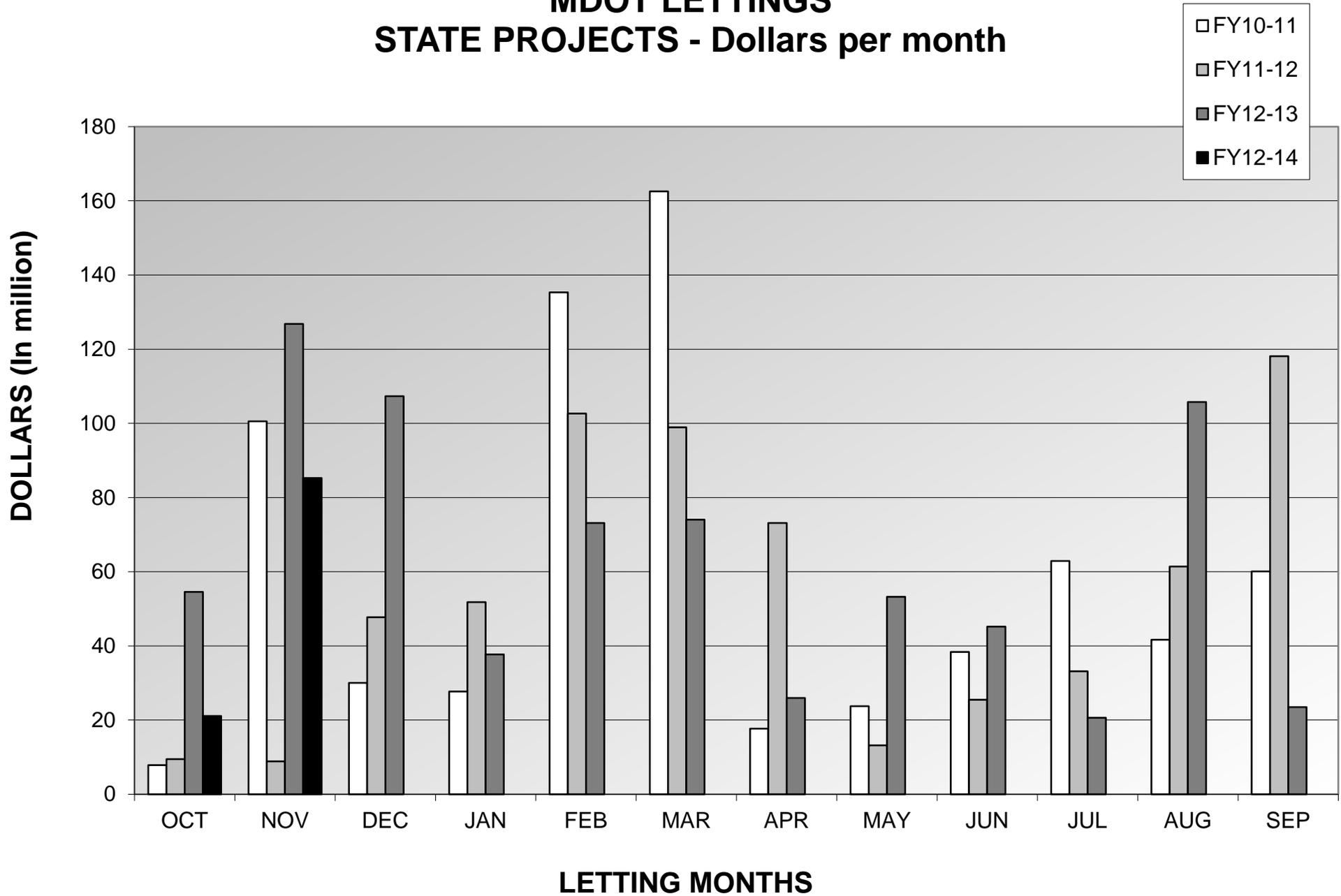
## SUMMARY OF THE NOVEMBER 1 AND 6, 2013, BID LETTINGS

STATISTICS	PROJECT AREA			
	STATE	LOCAL	AERO	TOTALS
<b>Project Report</b>				
Number of Projects Let	27	71	0	98
Engineer Estimates of Projects Let	\$88,620,211.69	\$51,451,043.99	\$0.00	\$140,071,255.68
<b>Low Bid Report</b>				
Low Bid Totals	\$85,265,592.05	\$51,293,565.89	\$0.00	\$136,559,157.94
% over/under eng. est. of projects let	-3.79%	-0.31%	0.00%	-2.51%
<b>All Bid Rejection Report</b>				
All Bid Rejection(s)	0	2	0	2
All Bid Rejection(s) Engineer's Estimate	0.00	3,055,535.93	0.00	\$3,055,535.93
All Bid Rejection(s) Low Bid Amount	0.00	3,805,816.64	0.00	\$3,805,816.64
% over/under eng. est. of projects all bids rejected	0.00%	24.55%	0.00%	24.55%
<b>TBA Report - Low Bids Pending</b>				
Number of TBAs	1	6	0	7
Engineer Estimates	\$10,897,898.27	\$1,463,002.79	\$0.00	\$12,360,901.06
Low Bid Amounts	\$12,748,989.48	\$1,754,332.84	\$0.00	\$14,503,322.32
% over/under engineer's estimate of TBA items	16.99%	19.91%	0.00%	17.33%
<b>Bidder (Bids) Report</b>				
Number of Bids Received	97	294	0	391
Average # of Bidders per Project	3.59	4.14	0.00	3.99

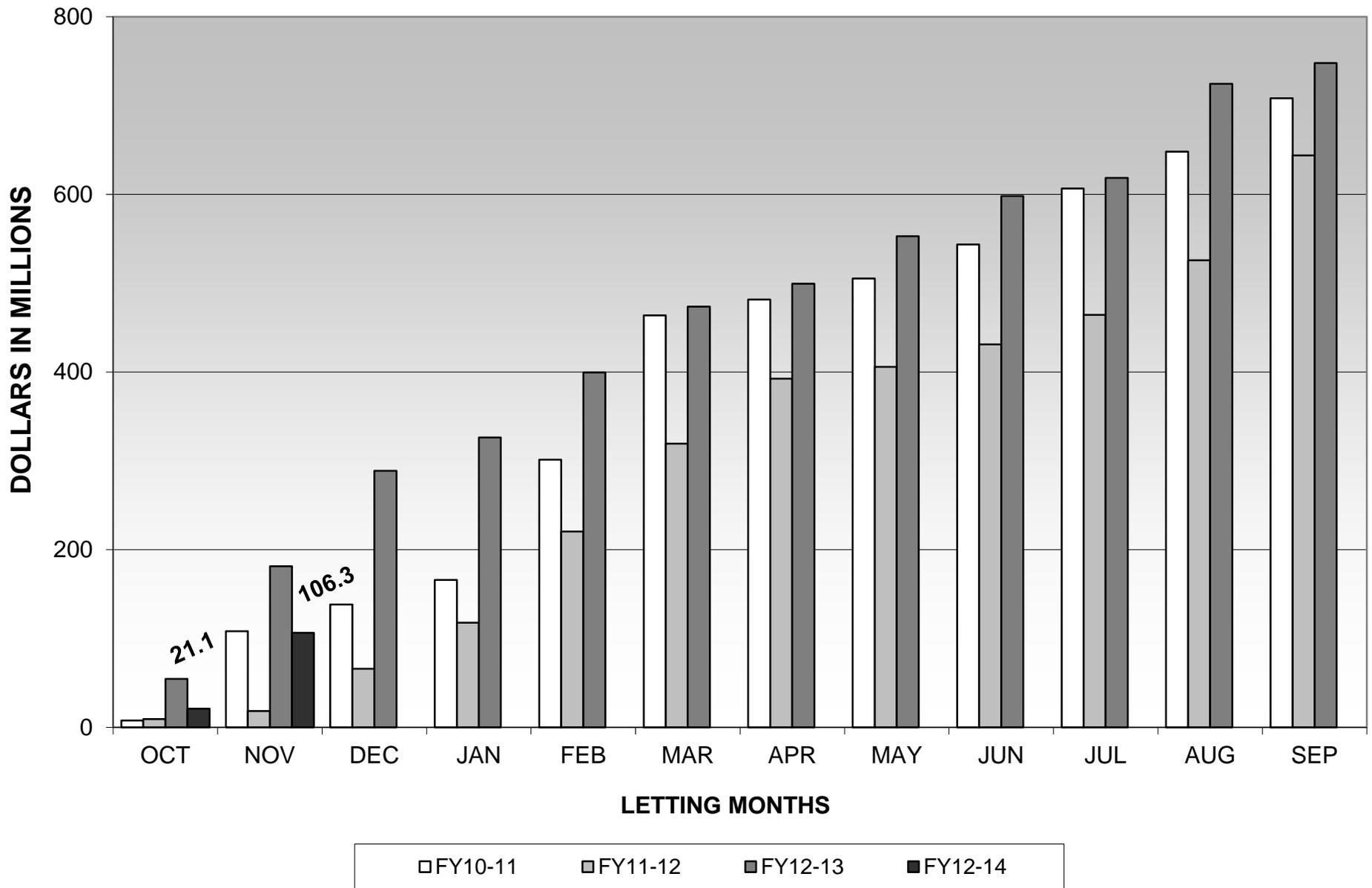
### U P C O M I N G L E T T I N G P R O J E C T I O N S :

<u>December 6, 2013, Bid Letting</u>	<u>State</u>	<u>Local</u>	<u>Aero</u>	<u>Totals</u>
# of proj. advertised	27	39	0	66
# of projects with warranties	14	0	0	14
\$ Eng. Est. of projects advertised (In million)	\$75.4	\$38.2	\$0.0	\$113.5
\$ Eng. Est. of warranty projects (In million)	\$52.8	\$0.0	\$0.0	\$52.8
<u>December 11, 2013, Bid Letting</u>	<u>State</u>	<u>Local</u>	<u>Aero</u>	<u>Totals</u>
# of proj. advertised	2	0	0	2
# of projects with warranties	2	0	0	2
\$ Eng. Est. of projects advertised (In million)	\$164.0	\$0.0	\$0.0	\$164.0
\$ Eng. Est. of warranty projects (In million)	\$164.0	\$0.0	\$0.0	\$164.0

# MDOT LETTINGS STATE PROJECTS - Dollars per month

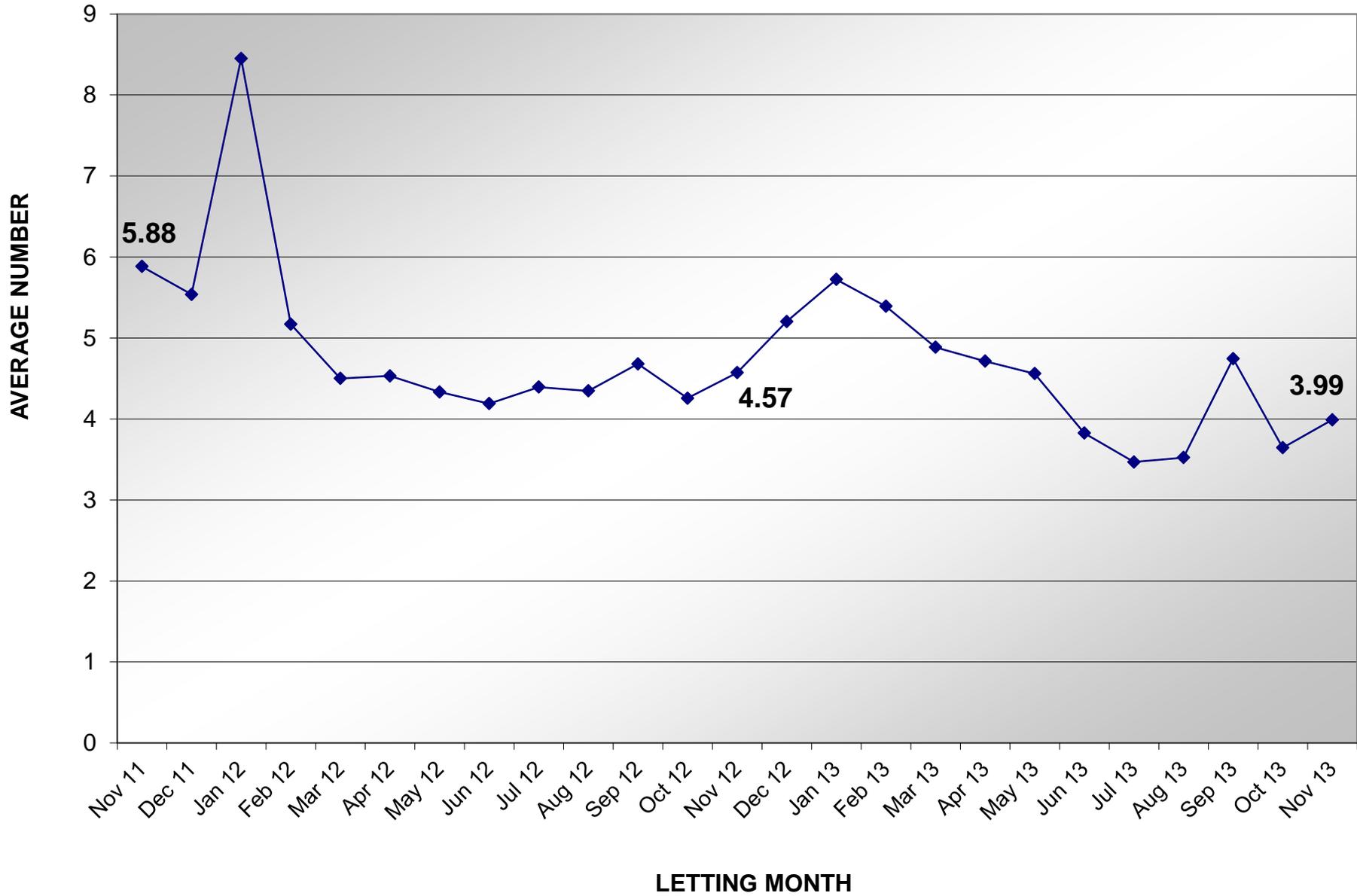


# MDOT LETTINGS CUMULATIVE YTD STATE PROJECT DOLLARS



# AVERAGE NUMBER OF BIDDERS

NOVEMBER 2011 through NOVEMBER 2013



## PROJECTS BY NUMBER OF BIDS PER REGION

NOVEMBER 1 and 6, 2013, BID LETTINGS

REGION	NO BIDS RECEIVED	PROJECTS 1 BID	PROJECTS 2 BIDS	PROJECTS 3 BIDS	PROJECTS 4 BIDS	PROJECTS 5 BIDS	PROJECTS 6 BIDS	PROJECTS 7 BIDS	PROJECTS 8 BIDS	PROJECTS 9 BIDS	PROJECTS =>10 BIDS	TOTALS BY REGION
BAY			1	4	1	1	2	1		2	1	13
GRAND			3	4	4	3	3	1				18
METRO		1	4	7	11	3	2	1				29
NORTH			4	1								5
SOUTHWEST			4	4	2	4			1	1		16
SUPERIOR		1	3									4
UNIVERSITY		1	2	4		3	1	1		1		13
AERO												0
NUMBER OF BIDS ON PROJECTS	0	3	21	24	18	14	8	4	1	4	1	Total 98

REQUEST FOR MICHIGAN STATE TRANSPORTATION  
COMMISSION APPROVAL

BID LETTING PRE-APPROVAL

December 5, 2013

The following contracts are being submitted for approval.

**STATE PROJECTS**

- |    |   |  |
|----|---|--|
| 1. | LETTING OF DECEMBER 06, 2013<br>PROPOSAL 1312001<br>PROJECT NH 38131-103376-2<br>LOCAL AGRMT.<br>START DATE - 10 days after award<br>COMPLETION DATE - OCTOBER 15, 2016 | PREQUALIFICATION LEVEL<br>\$ 19,064,000.00 |
|----|---|--|

4.16 mi of mainline and ramp alternate bid pavement reconstruction, drainage improvements, safety improvements, signal work, and cold milling and resurfacing on US-127 from Parnall Road to Henry Road, Jackson County. This project includes two 5 year materials and workmanship pavement warranties. Each alternate may include different warranties. Alternate 1 is concrete road work with related items and Alternate 2 is hot mix asphalt road work with related items.

8.00 % DBE participation required

- |    |  |   |
|----|--|---|
| 2. | LETTING OF DECEMBER 06, 2013<br>PROPOSAL 1312002<br>PROJECT NH 54013-105524, ETC<br>LOCAL AGRMT.<br>START DATE - APRIL 21, 2014<br>COMPLETION DATE - JUNE 01, 2015 | PREQUALIFICATION LEVEL<br>\$ 9,700,000.00 |
|----|--|---|

6.08 mi of hot mix asphalt cold milling, crushing, shaping, and resurfacing, guardrail, carpool lot resurfacing, deck patching, epoxy overlay, and concrete bridge approach on US-131 from the south Mecosta county line to 6 Mile Road, Mecosta County. This project includes a 5 year materials and workmanship pavement warranty.

5.00 % DBE participation required

- |    |  |   |
|----|--|---|
| 3. | LETTING OF DECEMBER 06, 2013<br>PROPOSAL 1312003<br>PROJECT NHG 84912-113327<br>LOCAL AGRMT.<br>START DATE - 10 days after award<br>COMPLETION DATE - OCTOBER 03, 2014 | PREQUALIFICATION LEVEL<br>\$ 1,128,000.00 |
|----|--|---|

48.55 mi of freeway signing upgrades on US-131 from the Mecosta/Osceola county line northerly to US-131BR, Osceola and Wexford Counties.

0.00 % DBE participation required

4. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312004 \$ 935,000.00  
PROJECT NHG 84913-113333  
LOCAL AGRMT.  
START DATE - APRIL 20, 2014  
COMPLETION DATE - AUGUST 20, 2014

37.64 mi of freeway signing on US-131 from the Kent/Montcalm county line northerly to the Mecosta/Osceola county line, Montcalm and Mecosta Counties.

0.00 % DBE participation required

5. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312038 \$ 5,798,000.00  
PROJECT IMG 84915-109747, ETC  
LOCAL AGRMT.  
START DATE - APRIL 21, 2014  
COMPLETION DATE - OCTOBER 16, 2015

56.31 mi of freeway and overhead signing, median cable barrier, and guardrail on I-94 from the Indiana state line to M-51, Berrien and Van Buren Counties.

3.00 % DBE participation required

6. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312039 \$ 3,130,000.00  
PROJECT ST 82053-106663  
LOCAL AGRMT.  
START DATE - 10 days after award  
COMPLETION DATE - AUGUST 28, 2015

Pump station rehabilitation, removal and replacement of mechanical, electrical, metal components, and portions of the structure, and miscellaneous upgrades and repairs on US-24 at Ecorse Road north of Plymouth Road and on I-94 at Irving Drive and Rotunda Drive in the cities of Dearborn and Taylor, Wayne County.

0.00 % DBE participation required

7. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312040 \$ 2,149,000.00  
PROJECT NH 46101-120139  
LOCAL AGRMT.  
START DATE - AUGUST 19, 2014  
COMPLETION DATE - OCTOBER 24, 2014

11.37 mi of hot mix asphalt cold milling and single-course resurfacing, and pavement marking on US-12 from M-50 to east of M-52, Lenawee County. This project includes a 3 year materials and workmanship pavement warranty.

4.00 % DBE participation required

8. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312041 \$ 1,255,000.00  
PROJECT STG 84914-111014  
LOCAL AGRMT.  
START DATE - 10 days after award  
COMPLETION DATE - SEPTEMBER 27, 2014

Traffic signal modernizations at 24 locations including M-15, M-19, M-24, M-25, M-53, M-81, and M-142 in the cities of Caseville, Harbor Beach, Bad Axe, Vassar, and Unionville, villages of Sebewaing, Ubyly, Millington, Cass City, and Caro, Huron, Sanilac, and Tuscola Counties.

0.00 % DBE participation required

9. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312042 \$ 637,000.00  
PROJECT STG 84916-109849  
LOCAL AGRMT.  
START DATE - APRIL 15, 2014  
COMPLETION DATE - AUGUST 29, 2014

79.91 mi of non-freeway signing, Clinton, Eaton, Ingham, and Shiawassee Counties.

0.00 % DBE participation required

10. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312043 \$ 589,000.00  
PROJECT IM 80024-118991  
LOCAL AGRMT.  
START DATE - APRIL 14, 2014  
COMPLETION DATE - MAY 02, 2014

1.61 mi of hot mix asphalt cold milling and resurfacing on I-94 westbound from east of Main Street to the railroad bridge in the village of Mattawan, Van Buren County. This project includes a 3 year materials and workmanship pavement warranty.

0.00 % DBE participation required

11. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312044 \$ 524,000.00  
PROJECT NH 64015-120831  
LOCAL AGRMT.  
START DATE - APRIL 07, 2014  
COMPLETION DATE - OCTOBER 06, 2014

Preventive maintenance epoxy overlay, deck and substructure patching, pavement relief joints, barrier repairs, and permanent pavement markings on 7 structures on US-31 between Grant Road and Taylor Road, Oceana County.

0.00 % DBE participation required

12. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312045 \$ 5,004,000.00  
PROJECT STT 55031-110682, ETC  
LOCAL AGRMT.  
START DATE - 10 days after award  
COMPLETION DATE - SEPTEMBER 19, 2014

9.44 mi of hot mix asphalt cold milling, resurfacing and shoulders, joint repairs, tree removal, ditching, channel and earth excavation, culverts, guardrail, shoulder corrugations, and pavement markings on M-35 from north of Birch Creek Road northerly to north of Jimtown Road, Menominee County.

3.00 % DBE participation required

13. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312046 \$ 4,133,000.00  
PROJECT IM 58171-120316  
LOCAL AGRMT.  
START DATE - 10 days after award  
COMPLETION DATE - JULY 15, 2014

7.89 mi of hot mix asphalt cold milling and resurfacing, and full-depth concrete pavement repairs on I-275 from I-75 northerly to south of the Monroe/Wayne county line, Monroe County. This project includes a 3 year materials and workmanship pavement warranty.

3.00 % DBE participation required

14. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312047 \$ 3,287,000.00  
PROJECT ST 52032-120382  
LOCAL AGRMT.  
START DATE - JULY 07, 2014  
COMPLETION DATE - 34 working days

21.50 mi of hot mix asphalt cold milling and resurfacing, shoulders, and centerline and edgeline corrugations on M-35 from the Middle Branch Escanaba River north to County Road 480, Marquette County. This project includes a 3 year materials and workmanship pavement warranty.

3.00 % DBE participation required

15. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312048 \$ 1,773,000.00  
PROJECT NH 69014-120321  
LOCAL AGRMT.  
START DATE - SEPTEMBER 15, 2014  
COMPLETION DATE - NOVEMBER 14, 2014

4.92 mi of hot mix asphalt cold milling and resurfacing on I-75 from south of Sturgeon Valley Road northerly to north of the Otsego county line, Otsego and Cheboygan Counties. This project includes a 3 year materials and workmanship pavement warranty.

3.00 % DBE participation required

16. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312049 \$ 1,610,000.00  
PROJECT NH 70013-118169  
LOCAL AGRMT.  
START DATE - APRIL 07, 2014  
COMPLETION DATE - OCTOBER 13, 2014

12.33 mi of hot mix asphalt cold milling and resurfacing, and pavement marking on US-31 southbound from north of Quincy Street northerly to south of Ferris Street, Ottawa County.

3.00 % DBE participation required

17. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312050 \$ 1,313,000.00  
PROJECT IM 82191-120097  
LOCAL AGRMT.  
START DATE - MAY 05, 2014  
COMPLETION DATE - SEPTEMBER 08, 2014

4.50 mi of concrete pavement restoration and pavement markings on I-75 from Sibley Road north to Goddard Road in the cities of Taylor and Southgate, Wayne County.

4.00 % DBE participation required

18. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312051 \$ 1,282,000.00  
PROJECT NH 53033-120181  
LOCAL AGRMT.  
START DATE - JULY 21, 2014  
COMPLETION DATE - 16 working days

12.19 mi of overband crack filling, microsurfacing, and pavement marking on US-31 from south of Hansen Road north to north of Hoague Road, Mason County. This project includes a 2 year pavement performance warranty.

0.00 % DBE participation required

19. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312061 \$ 5,437,000.00  
PROJECT NH 09101-106927, ETC  
LOCAL AGRMT.  
START DATE - JUNE 09, 2014  
COMPLETION DATE - SEPTEMBER 19, 2016

0.85 mi of concrete reconstruction, hot mix asphalt cold milling and resurfacing, culverts, guardrail, fence, signs, traffic signal, pavement markings, bridge replacement with precast concrete I-beam bridge, and articulating block floor at the US-10/M-47 interchange and on US-10 over Hoppler Creek, Bay County. This project includes a 5 year materials and workmanship pavement warranty.

4.00 % DBE participation required

20. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312062 \$ 1,743,000.00  
PROJECT NH 35031-120231  
LOCAL AGRMT.  
START DATE - MAY 12, 2014  
COMPLETION DATE - JUNE 20, 2014

7.75 mi of hot mix asphalt cold milling and resurfacing with minor joint repair on US-23 from the south Iosco County line to Rhuel Road and on M-65 from the south Iosco County line to Turtle Road, Iosco County. This project includes a 3 year materials and workmanship pavement warranty.

3.00 % DBE participation required

21. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312063 \$ 1,170,000.00  
PROJECT NH 55022-120372  
LOCAL AGRMT.  
START DATE - MAY 19, 2014  
COMPLETION DATE - JULY 18, 2014

10.23 mi of overband crack filling, single chip sealing, and microsurfacing on US-2/US-41 from East Road easterly to the A-1 in the village of Powers, Menominee County. This project includes a 2 year pavement performance warranty.

0.00 % DBE participation required

22. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312064 \$ 1,133,000.00  
PROJECT ST 84917-107613  
LOCAL AGRMT. 13-5665  
START DATE - 10 days after award  
COMPLETION DATE - SEPTEMBER 05, 2014

8.75 mi of ITS device installation, traffic signal controller replacement, wireless communication, static sign, and integration of new ITS devices and traffic signal controllers along the corridor into the existing communications network in the cities of Warren, Roseville, and Madison Heights, Oakland and Macomb Counties.

0.00 % DBE participation required

23. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312065 \$ 1,110,000.00  
PROJECT NH 41031-118845, ETC  
LOCAL AGRMT. 13-5673, 13-5674  
START DATE - JULY 11, 2014  
COMPLETION DATE - AUGUST 04, 2014

0.76 mi of hot mix asphalt cold milling and resurfacing, pavement joint and crack repairs, concrete curb, gutter, sidewalk and ramps, traffic signal, and pavement markings on M-37/M-44 from south of 29th Street north to south of Lake Eastbrook Boulevard in the cities of Kentwood and Grand Rapids, Kent County.

5.00 % DBE participation required

24. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312066 \$ 663,000.00  
PROJECT ST 36031-120267  
LOCAL AGRMT.  
START DATE - MAY 26, 2014  
COMPLETION DATE - JUNE 27, 2014

6.57 mi of overband crack filling, microsurfacing, and shoulder aggregate on M-189 from the state line to north of Hiawatha Road, Iron County. This project includes a 2 year pavement performance warranty.

0.00 % DBE participation required

25. LETTING OF DECEMBER 11, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312601 \$163,431,000.00  
PROJECT IM 82122-89095, ETC  
LOCAL AGRMT. 13-5448, 13-5449  
START DATE - JANUARY 06, 2014  
COMPLETION DATE - SEPTEMBER 20, 2016

7.09 mi of concrete freeway reconstruction, hot mix asphalt base crushing and shaping, cold milling, aggregate base, storm and sanitary sewer, watermain, concrete barrier, sidewalk, curb and gutter, guardrail, fence, landscaping, signs, freeway lighting, ITS, pump station rehabilitation, and 37 bridge replacements and rehabilitations on I-96 from Newburgh Road easterly to US-24 (Telegraph Road) in the cities of Livonia and Detroit, Wayne County. This project includes a 5 year materials and workmanship pavement warranty and a 2 year bridge painting warranty.

7.00 % DBE participation required

26. LETTING OF DECEMBER 11, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312602 \$530,000.00  
PROJECT NH 84912 120223  
LOCAL AGRMT.  
START DATE - AUGUST 04, 2014  
COMPLETION DATE - 32 WD

87.41 mi of hot mix asphalt crack treatment and overband crack filling on various state trunkline routes, Manistee, Wexford, Mason, Lake, and Osceola Counties. This project includes a 2 year pavement performance warranty.

0.00 % DBE PARTICIPATION REQUIRED

27. LETTING OF JANUARY 10, 2014 PREQUALIFICATION LEVEL  
PROPOSAL 1401001 \$ 11,642,000.00  
PROJECT IM 09035-110397  
LOCAL AGRMT.  
START DATE - APRIL 15, 2014  
COMPLETION DATE - NOVEMBER 14, 2014

3.54 mi of mainline rehabilitation, drainage improvements, signing, pavement markings, guardrail, and safety improvements on northbound and southbound I-75 from north of Pinconning Road northerly to north of the Bay/Arenac County line, Bay and Arenac Counties. Alternate 1 is a concrete overlay with pavement repairs and related items. Alternate 2 is a concrete rubblize and hot mix asphalt surfacing with related items. This project includes three 5 year materials and workmanship pavement warranties. This project contains an Alternate Technical Concept (ATC) limited to staging and traffic control on I-75 mainline.

5.00 % DBE participation required

### **LOCAL PROJECTS**

28. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312006 \$ 4,700,000.00  
PROJECT STU 63459-121111  
LOCAL AGRMT. 13-5641  
START DATE - MAY 04, 2014  
COMPLETION DATE - JUNE 19, 2015

1.00 mi of pavement removal, storm sewer, underdrain, watermain, concrete pavement, curb, gutter, sidewalk and ramps, signals, and pavement markings on Evergreen Road from Eight Mile Road north to Nine Mile Road in the city of Southfield, Oakland County.

7.00 % DBE participation required

29. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312007 \$ 2,000,000.00  
PROJECT STU 82457-121504  
LOCAL AGRMT. 13-5509  
START DATE - 10 days after award  
COMPLETION DATE - 240 calendar days

Concrete curb, gutter, sidewalk and ramps, driveway approaches, drainage structure adjustments, pavement removal and replacement, and pavement markings at various locations in the city of Detroit, Wayne County.

5.00 % DBE participation required

30. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312008 \$ 1,752,000.00  
PROJECT NH 82457-120171  
LOCAL AGRMT. 13-5594  
START DATE - JULY 05, 2014  
COMPLETION DATE - 60 working days

0.97 mi of hot mix asphalt cold milling and resurfacing, concrete curb cap patching, sidewalk and ramps, guardrail, and pavement markings on Greenfield Road from Ford Road (M-153) north to Warren Road in the city of Dearborn, Wayne County.

4.00 % DBE participation required

31. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312009 \$ 1,389,000.00  
PROJECT STUL 34470-117166  
LOCAL AGRMT. 13-5592  
START DATE - MAY 05, 2014  
COMPLETION DATE - AUGUST 01, 2014

0.57 mi of hot mix asphalt road reconstruction, surfacing, concrete curb, gutter, sidewalk and ramps, subbase, aggregate base, storm sewer, and pavement markings on Hall Street from Center Street north to Washington Street, on Washington Street from Hanover Street east to Hall Street, and on Crawford Street from High Street north to Ellis Street in the city of Belding, Ionia County.

5.00 % DBE participation required

32. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312010 \$ 1,302,000.00  
PROJECT STE 34470-119477  
LOCAL AGRMT. 13-5655  
START DATE - APRIL 14, 2014  
COMPLETION DATE - AUGUST 01, 2014

2.28 mi of hot mix asphalt shared-use path, grading, aggregate base, drainage improvement, slope restoration, and timber structure improvements on abandoned rail corridor from M-44 to Long Lake Road in the city of Belding, Ionia County.

5.00 % DBE participation required

33. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312011 \$ 940,000.00  
PROJECT CM 39400-118098  
LOCAL AGRMT. 13-5636  
START DATE - APRIL 14, 2014  
COMPLETION DATE - AUGUST 29, 2014

0.30 mi of hot mix asphalt cold milling and resurfacing, pavement removal, concrete curb, gutter, sidewalk and ramps, drainage, signals, and pavement marking on Parkview Avenue from Oakland Drive north to Whites Road, Kalamazoo County.

5.00 % DBE participation required

34. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312012 \$ 691,000.00  
PROJECT NH 39405-120568  
LOCAL AGRMT. 13-5625  
START DATE - APRIL 14, 2014  
COMPLETION DATE - JUNE 27, 2014

1.05 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, watermain, signing, and pavement markings on Portage Road from East Milham Avenue north to the city limits of Portage in the city of Portage, Kalamazoo County.

3.00 % DBE participation required

35. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312013 \$ 631,000.00  
PROJECT STH 63609-117453, ETC  
LOCAL AGRMT. 13-5627  
START DATE - 10 days after award  
COMPLETION DATE - JULY 08, 2014

Modernization of traffic signals to box span configuration and countdown pedestrian signals and installation of ADA ramps on Orchard Lake Road at 13 Mile Road, on Maple Road at Orchard Lake Road, and on Grand River Avenue at Haggerty Road in the townships of Novi, Farmington, and West Bloomfield, Oakland County.

0.00 % DBE participation required

36. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312014 \$ 588,000.00  
PROJECT STU 82457-121106  
LOCAL AGRMT. 13-5653  
START DATE - 10 days after award  
COMPLETION DATE - 100 calendar days

83.00 mi of overband crack seal on various routes in the city of Detroit, Wayne County.

0.00 % DBE participation required

37. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312015 \$ 606,000.00  
PROJECT STU 11400-112102  
LOCAL AGRMT. 13-5623  
START DATE - 10 days after award  
COMPLETION DATE - AUGUST 08, 2014

0.60 mi of hot mix asphalt crushing, shaping and resurfacing, concrete curb, gutter, sidewalk and ramps, drainage structure, signals, and pavement markings on East Front Street from Red Bud Trail easterly to the east city limits of Buchanan in the city of Buchanan, Berrien County.

3.00 % DBE participation required

38. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312016 \$ 578,000.00  
PROJECT BRO 63004-112288-2  
LOCAL AGRMT. 13-5112  
START DATE - 10 days after award  
COMPLETION DATE - NOVEMBER 14, 2014

Bridge removal and replacement with 17-inch prestressed concrete box beams on concrete substructures, hot mix asphalt paving, guardrail placement, and traffic control on Ball Street over Kearsley Creek in the village of Ortonville, Oakland County.

4.00 % DBE participation required

39. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312025 \$ 1,614,000.00  
PROJECT STUL 11400-112091-2  
LOCAL AGRMT. 13-5446  
START DATE - APRIL 01, 2014  
COMPLETION DATE - 60 working days

1.28 mi of hot mix asphalt pavement removal and resurfacing, earth excavation, earthwork, storm sewer, pavement markings, and restoration on Hollywood Road from M-63 to south of Glenlord Road, Berrien County.

5.00 % DBE participation required

40. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312026 \$ 792,000.00  
PROJECT STE 41049-118504  
LOCAL AGRMT. 13-5647  
START DATE - MARCH 31, 2014  
COMPLETION DATE - MAY 30, 2015

0.66 mi of hot mix asphalt shared-use path, bike lanes and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, signal work, and pavement markings on Seward Avenue from Wealthy Street north to the Riverside Trail head in the city of Grand Rapids, Kent County.

4.00 % DBE participation required

41. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312027 \$ 717,000.00  
PROJECT BRO 81013-115679  
LOCAL AGRMT. 13-5676  
START DATE - 10 days after award  
COMPLETION DATE - OCTOBER 31, 2014

Bridge removal and replacement with 17-inch prestressed concrete beams and approach work on Feldkamp Road over Saline River, Washtenaw County.

5.00 % DBE participation required

42. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312032 \$ 769,000.00  
PROJECT STE 11051-118207  
LOCAL AGRMT. 13-5630  
START DATE - 10 days after award  
COMPLETION DATE - JULY 25, 2015

3.13 mi of shared-use path including hot mix asphalt, grading, aggregate base, slope restoration, and signal improvements on the Indiana-Michigan River Valley Trail from the Indiana state line to Bradywine Creek Nature Preserve, Berrien County.

4.00 % DBE participation required

43. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312033 \$ 5,434,000.00  
PROJECT STU 50458-121356  
LOCAL AGRMT. 13-5651  
START DATE - MARCH 01, 2014  
COMPLETION DATE - JULY 27, 2014

Superstructure replacement with steel beams and concrete approach paving on 17 Mile Road over Conrail Railroad at Mound Road/Van Dyke Avenue in the city of Sterling Heights, Macomb County.

4.00 % DBE participation required

44. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312034 \$ 1,306,000.00  
PROJECT HRRR 83609-115534, ETC  
LOCAL AGRMT. 13-5598  
START DATE - JUNE 02, 2014  
COMPLETION DATE - JUNE 27, 2014

2.80 mi of hot mix asphalt crushing, shaping and resurfacing, fixed object removal, shoulder paving, centerline rumble strips, and signing on Boon Road (34 Road) from M-115 to east of 39 Road, Wexford County.

3.00 % DBE participation required

45. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312035 \$ 1,019,000.00  
PROJECT STL 51555-116246, ETC  
LOCAL AGRMT. 13-5595  
START DATE - MAY 12, 2014  
COMPLETION DATE - JUNE 06, 2014

5.00 mi of hot mix asphalt resurfacing, aggregate shoulders, concrete curb and gutter, signing, guardrail, and pavement markings on 9 Mile Road from US-31 to east of Big Four Road, Manistee County.

3.00 % DBE participation required

46. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312036 \$ 654,000.00  
PROJECT STL 68555-109646  
LOCAL AGRMT. 13-5606  
START DATE - MAY 01, 2014  
COMPLETION DATE - SEPTEMBER 01, 2014

2.00 mi of hot mix asphalt base crushing, shaping and paving, earth excavation, embankment, culvert, trenching, aggregate shoulders, and pavement markings on Mapes Road from Park Road northerly to M-72, Oscoda County.

3.00 % DBE participation required

47. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312053 \$ 3,679,000.00  
PROJECT STU 41401-114716  
LOCAL AGRMT. 13-5553  
START DATE - APRIL 01, 2014  
COMPLETION DATE - JULY 15, 2015

1.98 mi of hot mix asphalt cold milling and resurfacing, aggregate base, drainage, concrete curb, gutter, sidewalk and ramps, guardrail, street lighting, watermain, and pavement markings on Monroe Avenue from Ann Street to North Park Street in the city of Grand Rapids, Kent County.

5.00 % DBE participation required

48. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312054 \$ 709,000.00  
PROJECT STL 81475-120547  
LOCAL AGRMT. 13-5490  
START DATE - APRIL 15, 2014  
COMPLETION DATE - AUGUST 31, 2014

5.27 mi of hot mix asphalt cold milling, wedging and surfacing, aggregate shoulders, and permanent pavement markings on Clinton Road from south of Hoelzer Road to Austin Road, on North Territorial Road from Earhart Road to Dixboro Road, and on Parker Road from Marshall Road to Shield Road, Washtenaw County.

3.00 % DBE participation required

49. LETTING OF DECEMBER 06, 2013 PREQUALIFICATION LEVEL  
PROPOSAL 1312055 \$ 617,000.00  
PROJECT STU 82457-120837  
LOCAL AGRMT. 13-5654  
START DATE - MAY 01, 2014  
COMPLETION DATE - SEPTEMBER 15, 2014

0.98 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk ramps, and pavement markings on Newburgh Road from North Springpoints Palmer Road to South Springpoints Cherry Hill Road in the city of Westland, Wayne County.

5.00 % DBE participation required

50. LETTING OF DECEMBER 06, 2013  
PROPOSAL 1312056  
PROJECT STL 67133-113183  
LOCAL AGRMT. 13-5638  
START DATE - JUNE 02, 2014  
COMPLETION DATE - JUNE 26, 2014

PREQUALIFICATION LEVEL  
\$ 526,000.00

13.05 mi of chip and fog sealing, hot mix asphalt skip paving, wedging, guardrail, and pavement markings on 175<sup>th</sup> Avenue from US-10 northerly to 7 Mile Road, easterly to 170th Avenue, northerly to 14 Mile Road, westerly to 180<sup>th</sup> Avenue, thence northerly to Mackinaw Trail, Osceola County.

3.00 % DBE participation required

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of October 7, 2013.

Respectfully submitted,

*Original Signed*

Kirk T. Steudle  
Director



State Transportation Commission

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## OFFICE MEMORANDUM

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**DATE:** November 26, 2013

**TO:** State Transportation Commission

**FROM:** Jack T. Cotter, CPA  
Commission Auditor  
Office of Commission Audits

**SUBJECT:** Justification Memorandums

Attached for your information are the department's justification memorandums for the Exhibit A-2 items where the low bid exceeded the engineer's estimate by more than ten percent.

  
Jack Cotter, CPA  
Commission Auditor

Attachment  
C: F. Raha



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## OFFICE MEMORANDUM

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**DATE:** November 13, 2013

**TO:** Myron G. Frierson, Director  
Bureau of Finance and Administration

**FROM:** Mark A. Van Port Fleet, Director  
Bureau of Highway Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer's Estimate

Letting Date: November 1, 2013

Project Description: 6.27 mi of hot mix asphalt cold milling, resurfacing and widening, clearing, concrete driveway, sidewalk, ramp, curb and gutter, guardrail, culvert, storm sewer, watermain, signing, pavement marking, traffic signal, and bridge rehabilitation on M-125 from north of Jones Street to US-24, on US-24 from north of Stumpmier Road to Buhl Road, and over Stony Creek in the city of Monroe, Monroe County.

Project Number: 58071-103287  
Item Number: 1311 055  
Low Bidder: Dan's Excavating, Inc.

Eng. Est: \$10,897,898.27 Low Bid: \$12,748,989.48 Difference: \$1,851,091.21 Percent: 16.99

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$10,897,898.27
Dan's Excavating, Inc.	\$12,748,989.48
Barrett Paving Materials Inc.	\$13,324,670.97
Angelo lafrate Construction Company	\$13,484,808.71
Cadillac Asphalt, L.L.C.	\$14,276,046.93
Ajax Paving Industries, Inc.	\$14,434,889.62

### EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were the earth excavation and pavement removal, minor traffic control devices and hot mix asphalt paving items. These items were bid higher than normal because of multiple stage construction and maintaining traffic restrictions. This project is located on M-125 and US-24 in the city of Monroe and is comprised of three separate segments of work. Each segment of work must be done

in multiple stages and each stage must be fully completed before the next stage can begin. Traffic must be maintained at all times with multiple lanes open to traffic on each roadway. Any work that begins which causes lane restrictions must be continuous until completed. Any lack of work will require removal and replacement of lane restrictions and traffic control devices. Furthermore, all cold milled areas must be resurfaced the same day that its cold milled. This will require additional planning and accurate timing to complete all cold milling and resurfacing work in the same day. This has increased the overall cost of the project because of the additional time and labor required to effectively maintain traffic throughout the multiple stages of construction. The estimator considered these factors when estimating this project, but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of multiple stage construction and maintaining traffic restrictions. This project received five bids ranging from \$12,748,989.48 to \$14,434,889.62 which varied by 13.22 percent. The three lowest bids varied by 5.77 percent. We believe that rejecting these bids and re-letting this project will not result in lower bids and the low bid should be considered reasonable based on the factors discussed.

The Bureau of Highway Development and the University Region office request that this project be awarded to the low bidder based on the above conclusion.

[Signature on File]

\_\_\_\_\_  
Director, Bureau of Highway Development

BOHD:DD:QA:MAS:st

cc: K. Steudle B. Wieferich K. Curtis H. Stinson MDOT-eProposal  
L. Strzalka J. Mullins G. Johnson K. Farlin A. Dickenson  
J. Cotter G. Frens D. Parker B. Rottiers M. Shulick  
L. Kirby J. Daavettila P. Ajegba



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## OFFICE MEMORANDUM

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**DATE:** November 20, 2013

**TO:** Myron G. Frierson, Director  
Bureau of Finance and Administration

**FROM:** Mark A. Van Port Fleet, Director  
Bureau of Highway Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer's Estimate

Letting Date: November 1, 2013  
Project Description: 1.32 mi of hot mix asphalt road reconstruction, intersection realignment, cold milling, curb and gutter, storm sewer, shared-use path, rain gardens, retaining walls, and pavement markings on Moores River Drive from Waverly Road to Mt. Hope Avenue in the city of Lansing, Ingham County.

Contract ID: 33403-115501  
Item Number: 1311 049  
Low Bidder: C & D Hughes, Inc.

Eng. Est: \$1,453,427.89 Low Bid: \$1,614,609.50 Difference: \$161,181.61 Percent: 11.09

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,453,427.89
C & D Hughes, Inc.	\$1,614,609.50
Mead Bros. Excavating Inc.	\$1,696,000.00
Hoffman Bros., Inc.	\$1,747,271.35
E.T. MacKenzie Company	\$1,760,327.00
Kamminga & Roodvoets, Inc.	\$2,196,062.10

### EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be bid higher than the engineer's estimate were mobilization, minor traffic devices and hot mix asphalt. These items were bid higher than normal because of the expedited schedule, multiple stage construction and maintaining traffic restrictions. This project consists of multiple items of work; hot mix asphalt road reconstruction, intersection realignment, cold milling, curb and gutter, storm sewer, shared-use path, rain gardens, retaining walls and pavement markings. One of the intersections can only be closed a maximum of two weeks and must be open to traffic on or before June 16<sup>th</sup>.

There are five stages of construction required on the project in order to effectively maintain traffic. Traffic is required to be maintained in both directions while each half of the roadway is being constructed. This will limit the designated work area for storing equipment and materials. The cost for mobilizing materials and minor traffic devices was increased due to the additional time and labor required to properly maintain and control the traffic. The hot mix asphalt cost was increased due to multiple mobilizations and time restraints within and throughout the various stages of construction. This project requires minimal time in which an area can be closed for construction at the intersections. The Waverly Road intersection must remain open to traffic and the Mt. Hope intersection can only be closed when working within the center portion of the curved area of the roadway. The local agency estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of the expedited schedule, multiple stage construction and maintaining traffic restrictions. This project received five bids ranging from \$1,614,609.50 to \$2,196,062.10 which varied by 36.01 percent. The three lowest bids varied by 8.22 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids and the low bid should be considered reasonable based on the factors discussed.

The Bureau of Highway Development and the city of Lansing request that this project be awarded to the low bidder based on the above conclusion.

[Signature on File]

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Director, Bureau of Highway Development

BOHD:DD:QA:MAS:st

cc: K. Steudle B. Wieferrich K. Curtis H. Stinson MDOT-eProposal  
L. Strzalka J. Mullins G. Johnson K. Farlin A. Dickenson  
J. Cotter G. Frens D. Parker B. Rottiers M. Shulick  
L. Johnson G. Losch P. Ajegba

**DATE:** November 21, 2013

**TO:** Myron G. Frierson, Director  
Bureau of Finance and Administration

**FROM:** Mark A. Van Port Fleet, Director  
Bureau of Highway Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer's Estimate

Letting Date: November 1, 2013  
Project Description: 1.73 mi of hot mix asphalt resurfacing, concrete repairs, sidewalk and ramps, signing, and pavement markings on East Outer Drive from Mitchell Avenue east to Mt. Elliot Road in the city of Detroit, Wayne County.

Contract ID: 82457-120996  
Item Number: 1311 063  
Low Bidder: Ajax Paving Industries, Inc.

Eng. Est: \$1,755,889.15 Low Bid: \$2,223,786.17 Difference: \$467,897.02 Percent: 26.65

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,755,889.15
Ajax Paving Industries, Inc.	\$2,223,786.17
Cadillac Asphalt, L.L.C.	\$2,290,106.12

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be bid higher than the engineer's estimate were for preparing the pavement surface, hot mix asphalt pavement and minor traffic devices. These items were bid higher than normal because of unique items of work, a lack of bid history, multiple stage construction and maintaining traffic restrictions. This project consists of hot mix asphalt resurfacing, concrete repairs, sidewalks, ramps, signing and pavement markings. The unique special provision for preparing pavement requires that all broken surfacing not bonded to the base pavement shall be removed, all longitudinal and transverse cracks shall be sealed and all cold milling and full depth repairs shall be done in accordance with the plans or as directed by the engineer. This is a unique item of work with very little bid history to compare prices. Also, when the project calls for cold milling the full width of the existing pavement, the pavement construction shall be completed in three

separate stages of construction. This has increased the overall cost of the project because of the lower production rates due to the multiple stages of construction. The local agency estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of unique items of work, a lack of bid history, multiple stage construction and maintaining traffic restrictions. This project received two bids ranging from \$2,223,786.17 to \$2,290,106.12 which varied by 2.98 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids and the low bid should be considered reasonable based on the factors discussed.

The Bureau of Highway Development and the Wayne County Department of Public Service request that this project be awarded to the low bidder based on the above conclusion.

[Signature on File]

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Director, Bureau of Highway Development

BOHD:DD:QA:MAS:st

cc: K. Steudle B. Wieferich K. Curtis H. Stinson MDOT-eProposal  
L. Strzalka J. Mullins G. Johnson K. Farlin A. Dickenson  
J. Cotter G. Frens D. Parker B. Rottiers M. Shulick  
A. Zokvic G. Pawloski T. Kratofil

**DATE:** November 25, 2013

**TO:** Myron G. Frierson, Director  
Bureau of Finance and Administration

**FROM:** Mark A. Van Port Fleet, Director  
Bureau of Highway Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer's Estimate

Letting Date: November 1, 2013

Project Description: 0.21 mi of concrete pavement, hot mix asphalt cold milling and resurfacing, drainage, sidewalk ramps, signing, pavement markings, and traffic signal on Cherry Hill Road from west of Newburgh Road to Newburgh Road in the city of Westland, Wayne County.

Contract ID: 82457-120999

Item Number: 1311 068

Low Bidder: Florence Cement Company

Eng. Est: \$1,021,151.11 Low Bid: \$1,163,122.03 Difference: \$141,970.92 Percent: 13.90

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,021,151.11
Florence Cement Company	\$1,163,122.03
Fiore Enterprises LLC	\$1,166,492.59
Angelo lafrate Construction Company	\$1,170,872.56
C & D Hughes, Inc.	\$1,209,279.59

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be bid higher than the engineer's estimate were the concrete pavement with integral curb, mobilization, station grading and surface restoration sodding. These items were bid higher than normal because of unique items of work with a lack of bid history, multiple stage construction and low production construction practices. This project consists of concrete pavement, hot mix asphalt cold milling and resurfacing, drainage, sidewalk ramps, signing, pavement markings and traffic signal work. There are four stages of construction required prior to the roadway being opened to traffic. This will require mobilizing equipment and materials along with setting up, taking down and

maintaining traffic control items multiple times. Furthermore, there are several unique items of work with multiple construction activities included that have very little bid history in which to compare prices to. For example, the station grading pay item is paid for in stations (100 feet increments) and includes removing trees and vegetation smaller than six inches in diameter and also includes grading, topsoil stripping and removal, excavation, disposal of unsuitable subgrade material and embankment for the roadways that are to be reconstructed. The local agency estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of unique items of work with a lack of bid history, multiple stage construction and low production construction practices. This project received four bids ranging from \$1,163,122.03 to \$1,209,279.59 which varied by 3.97 percent. The three lowest bids varied by 0.67 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids and the low bid should be considered reasonable based on the factors discussed.

The Bureau of Highway Development and the city of Westland request that this project be awarded to the low bidder based on the above conclusion.

[Signature on File]

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Director, Bureau of Highway Development

BOHD:DD:QA:MAS:st

cc: K. Steudle B. Wieferich K. Curtis H. Stinson MDOT-eProposal  
L. Strzalka J. Mullins G. Johnson K. Farlin A. Dickenson  
J. Cotter G. Frens D. Parker B. Rottiers M. Shulick  
A. Zokvic T. Kratofil A. Penzenstadler

REQUEST FOR MICHIGAN STATE TRANSPORTATION  
COMMISSION APPROVAL

LETTING EXCEPTIONS AGENDA

December 5, 2013

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

**STATE PROJECTS**

1.	LETTING OF NOVEMBER 01, 2013 PROPOSAL 1311055 PROJECT STUT 58071-103287, ETC LOCAL AGRMT. 13-5478, 13-5479 START DATE - MAY 15, 2014 COMPLETION DATE - NOVEMBER 15, 2014	ENG. EST. \$ 10,897,898.27	LOW BID <b>\$ 12,748,989.48</b>  % OVER/UNDER EST.  16.99 %
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6.27 mi of hot mix asphalt cold milling, resurfacing and widening, clearing, concrete driveway, sidewalk, ramp, curb and gutter, guardrail, culvert, storm sewer, watermain, signing, pavement marking, traffic signal, and bridge rehabilitation on M-125 from north of Jones Street to US-24, on US-24 from north of Stumpier Road to Buhl Road, and over Stony Creek in the city of Monroe, Monroe County.

5.00 % DBE participation required

BIDDER	AS-SUBMITTED	AS-CHECKED	
<b>Dan's Excavating, Inc.</b>	<b>\$ 12,748,989.48</b>	<b>Same</b>	<b>1 **</b>
Barrett Paving Materials Inc.	\$ 13,324,670.97	Same	2
Angelo Iafrate Construction Company	\$ 13,484,808.71	Same	3
Cadillac Asphalt, L.L.C.	\$ 14,276,046.93	Same	4
Ajax Paving Industries, Inc.	\$ 14,434,889.62	Same	5
Fenton Excavating & Construction,			

5 Bidders



BIDDER	AS-SUBMITTED	AS-CHECKED	
<b>Ajax Paving Industries, Inc.</b>	<b>\$ 2,223,786.17</b>	<b>Same</b>	<b>1 **</b>
Cadillac Asphalt, L.L.C.	\$ 2,290,106.12	Same	2
Barrett Paving Materials Inc.			

2 Bidders

4.	LETTING OF NOVEMBER 01, 2013 PROPOSAL 1311068 PROJECT STU 82457-120999 LOCAL AGRMT. 13-5612 START DATE - JULY 07, 2014 COMPLETION DATE - OCTOBER 24, 2014	ENG. EST. \$ 1,021,151.11	LOW BID \$ <b>1,163,122.03</b>	% OVER/UNDER EST.  13.90 %
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0.21 mi of concrete pavement, hot mix asphalt cold milling and resurfacing, drainage, sidewalk ramps, signing, pavement markings, and traffic signal on Cherry Hill Road from west of Newburgh Road to Newburgh Road in the city of Westland, Wayne County.

5.00 % DBE participation required

BIDDER	AS-SUBMITTED	AS-CHECKED	
<b>Florence Cement Company</b>	<b>\$ 1,163,122.03</b>	<b>Same</b>	<b>1 **</b>
Fiore Enterprises LLC	\$ 1,166,492.59	Same	2
Angelo Iafrate Construction Company	\$ 1,170,872.56	Same	3
C & D Hughes, Inc.	\$ 1,209,279.59	Same	4
Walter Toebe Construction Company			
Major Cement Co.			
Ajax Paving Industries, Inc.			

4 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 October 7, 2013.

Respectfully submitted,

*Original Signed*

Kirk T. Steudle  
Director

INFORMATION FOR MICHIGAN STATE  
TRANSPORTATION COMMISSION

December 5, 2013

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

**STATE PROJECTS**

1.	LETTING OF NOVEMBER 01, 2013	ENG. EST.	LOW BID
	PROPOSAL 1311085	\$ 272,928.32	\$ 295,458.85
	PROJECT HSIP 84911-119088		
	LOCAL AGRMT.		% OVER/UNDER EST.
	START DATE - 10 days after award		
	COMPLETION DATE - OCTOBER 31, 2014		8.26 %

Application of special pavement markings on state trunkline routes, Alger, Baraga, Chippewa, Keweenaw, Houghton, Luce, Mackinac, Marquette, and Ontonagon Counties.

0.00 % DBE participation required

BIDDER	AS-SUBMITTED	AS-CHECKED	
<b>P.K. Contracting, Inc.</b>	<b>\$ 295,458.85</b>	<b>Same</b>	<b>1 **</b>

1 Bidder

**LOCAL PROJECTS**

2.	LETTING OF NOVEMBER 01, 2013	ENG. EST.	LOW BID
	PROPOSAL 1311025	\$ 325,864.50	\$ 310,801.70
	PROJECT STH 58609-117449		
	LOCAL AGRMT. 13-5557		% OVER/UNDER EST.
	START DATE - 10 days after award		
	COMPLETION DATE - JUNE 30, 2014		-4.62 %

0.23 mi of road widening, culvert replacement, horizontal curve and super elevation modification, and related drainage and signing improvements on Sandy Creek Road between Yax Road and North Dixie Road, Monroe County.

This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

0.00 % DBE participation required

BIDDER	AS-SUBMITTED	AS-CHECKED
<b>Commerce Construction &amp; Landscap.</b>	<b>\$ 310,801.70</b>	<b>Same</b>
Erie Construction, LLC		<b>1 **</b>
Wonsey Tree Service, Inc.		

1 Bidder

3. LETTING OF NOVEMBER 01, 2013	ENG. EST.	LOW BID
PROPOSAL 1311093	\$ 202,232.68	\$ <b>249,626.78</b>
PROJECT STU 82457-121107		
LOCAL AGRMT. 13-5544		% OVER/UNDER EST.
START DATE - 10 days after award		
COMPLETION DATE - JUNE 15, 2015		23.44 %

1.08 mi of conversion from one way to two way traffic, bicycle lanes, permanent signage, pavement markings, concrete curb and gutter, and traffic signal modifications on Second Avenue from Temple Street north to Warren Avenue in the city of Detroit, Wayne County.

0.00 % DBE participation required

BIDDER	AS-SUBMITTED	AS-CHECKED
<b>P.K. Contracting, Inc.</b>	<b>\$ 249,626.78</b>	<b>Same</b>
		<b>1 **</b>

1 Bidder

These projects, for which the bid is under Five Hundred Thousand Dollars (\$500,000) and has less than two (2) bidders or is a low bid rejection or have other bid issues, are being submitted for informational purposes. The contracts for these 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 October 7, 2013.

Respectfully submitted,

*Original Signed*

Kirk T. Steudle  
Director

**EXHIBIT B  
Department Projects  
Items to the Commission - December 5, 2013**

Total Over the Original Cost (All MDOT)				Total Over the Original Cost (MDOT/MDOT)				Total Over the Original Cost (MDOT/Cons)						
\$700,681.08				\$700,681.08				\$0.00						
Number of Projects Over 10% (2 Total)				Total Original Contract Amount	Total Final Contract Amount	Total Increase or Decrease	Total Percent							
				\$1,675,857.93	\$2,376,539.01	\$700,681.08	41.81%							
Region	Control Section	Job Number	Project Description	Prime Contractor	Original Contract Amount	Final Contract Amount	Increase	Percent	Date Work Started	Expect Compl.	Actual Compl.	Final Date	Designed by MDOT (M) or Consultant (C)	Reason for Additional Project Costs
University	38061	109144	Deep overlay, partial deck replacement, partial cleaning and coating of structural steel, substructure patching, approaches, and maintaining traffic on M-60 over I-94BL and Norfolk Southern Railroad, Jackson County.	J. Slagter & Son Construction Co.	\$1,065,513.62	\$1,660,295.30	\$594,781.68	55.82%	8/3/2011	10/14/2011	12/2/2011	09/25/13	M	<u>Reason #1:</u> CM #2 included increases to the original contract items and adjusted original Lump Sum (LS) items due to severely deteriorated deck conditions. Plan Revision #1 changed the type of work to full deck removal on the west half, due to the poor condition of the existing deck concrete during hydrodemolition and hand chipping prior to full depth patching. Reasons 1 accounts for \$518,530.94, or 87% of the total project cost increases.
Metro	82071	116942	0.20 mi of electrical work for roadway lighting on M-85 from 23rd Street to St. Anne Street in the city of Detroit, Wayne County.	Motor City Electric Utilities Company	\$610,344.31	\$716,243.71	\$105,899.40	17.35%	8/15/2012	4/26/2013	5/6/2013	09/30/13	M	<u>Reason #1:</u> CM #1 includes an increases of \$49,968.60 for the increased quantity of handling and disposing of non-hazardous contaminated materials. This was necessary to meet the requirements of handling and disposing this type of contaminated material as the material was encountered during excavation operations to install the new roadway lighting conduits. <u>Reason #2:</u> CM #2 includes increases totaling \$43,343.00 for extra work to reroute the proposed conduits and redesign electrical vaults to avoid existing utilities and to add traffic control devices to allow the completion of transverse conduit connections to the existing light foundations on the south side of Fort Street. All the extra work was necessary to complete the project on time and provide the necessary roadway lighting to Fort Street. Reasons 1-2 account for \$93,311.60, or 88% of the total project cost increases.

**EXHIBIT B  
Local Projects  
Items to the Commission - December 5, 2013**

			Total Over the Original Cost (All Local)				Total Over the Original Cost (Local/Local)				Total Over the Original Cost (Local/Cons)			
			\$387,822.63				\$191,203.74				\$196,618.89			
			Number of Projects Over 10% (6 Total)				Total Original Contract Amount	Total Final Contract Amount	Total Increase or Decrease	Total Percent				
							\$2,243,872.14	\$2,631,694.77	\$387,822.63	17.28%				
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	23403	103224	1.44 mi of hot mix asphalt cold milling and resurfacing, drainage structure adjustments, and permanent pavement markings on Creyts Road from I-496 northerly to M-43 (Saginaw Highway), Eaton County.	Michigan Paving and Materials Company	\$363,727.00	\$424,811.04	\$61,084.04	16.79%	8/9/2010	11/5/2010	9/7/2010	9/19/2013	L	<u>Reason #1:</u> Non-participating items accounted for a majority of the overage. The non-participating costs were added to construct a right turn lane for a future road. The lane is 300 feet long and included curb and gutter, earth excavation, sand subbase, subbase underdrain, aggregate base, and HMA. <u>Reason 1</u> accounts for \$42,890.00, or 70% of the total project cost increases.
Metro	77004	105316	Bridge rehabilitation, superstructure replacement, substructure repair, sewer, guardrail, and approach work on Marine City Highway at Marsac Creek Drain, Saint Clair County.	Anlaan Corporation	\$441,826.22	\$487,800.93	\$45,974.71	10.41%	6/4/2012	8/31/2012	8/30/2012	9/26/2013	L	<u>Reason #1:</u> CM #1 includes an increase of \$23,912.00 for "Conc Pavt, Bridge Approach, Reinf, Modified". On page (19 of 26) of the plans, the Bridge Approaches were measured and labeled as 244 Square Yards (SYD); on page 6 and 60 of the proposal the quantity and unit of measure for bidding purposes is called out as 244 Square Feet (SFT). The contractor bid \$12.25 per SFT. This increase reflects the conversion of 244 units mis-labeled as "SYD" in the proposal and multiplying it by 9 to convert the units to SFT, which was the unit of measure per the contract. This results in an additional 1,952 SFT of "Conc Pavt, Bridge Approach, Reinf, Modified" at \$12.25/SFT = \$23,912.00 increase. <u>Reason #2:</u> CM #1 includes increases totaling \$6,125.00 for HMA, 4C for Wedging. The existing cross slope on the existing road did not match the proposed cross slope, so it was necessary to "wedge" the surface to match the slopes in all four quadrants using HMA 4C material before paving the leveling and top course. <u>Reasons 1-2</u> account for \$30,037.00, or 65% of the total project cost increases.
Grand	54609	112726	2.40 mi of hot mix asphalt crushing, shaping, and resurfacing, earth excavation, clearing, aggregate base, subbase, guardrail, and pavement marking on Buchanan Road from 125th Avenue east to 105th Avenue, Mecosta County.	Central Asphalt, Inc.	\$355,231.35	\$412,217.88	\$56,986.53	16.04%	9/10/2012	6/1/2013	6/1/2013	9/9/2013	L	<u>Reason #1:</u> CM #1 include increases of \$33,178.85 for HMA Approach, Slope Restoration, and Extra Item of work, Subgrade Undercutting. This was necessary to correct approach street profiles, meet current standards for front slopes, and to meet plan subbase section. <u>Reason #2:</u> CM #2 includes increases totaling \$23,807.68 for increases to Slope Restoration and Shoulder C II, and Extra Items of work, Backslope Modification and Backed Guardrail. This work was necessary for safety improvements for sight distance at the culvert crossing. <u>Reasons 1-2</u> account for \$56,986.53, or 100% of the total project cost increases.
University	19400	100178	1.50 mi of hot mix asphalt resurfacing and shoulders, and pavement markings on State Road from US-127BR easterly to Wood Road and from Eskes Street easterly to Wood Road, Clinton County.	Michigan Paving and Materials Company	\$178,318.24	\$205,476.70	\$27,158.46	15.23%	8/20/2010	9/30/2010	10/11/2010	9/12/2013	L	<u>Reason #1:</u> CM #1 included increases totaling \$9,995.54 for HMA 13A needed to meet slope requirements to match existing curb and gutter and correct quarter crown in existing road. <u>Reason #2:</u> CM#1 included an extra for Slope Restoration that totaled \$7,496.50. This item was left off the plans in error and was needed to fix disturbed areas from the trenching and widening process. <u>Reasons 1-2</u> account for \$17,492.04, or 64% of the total project cost increases.
University	76006	109306	Bridge rehabilitation, concrete overlay, partial cleaning and coating of structural steel, beam end repair, approach work, and maintaining traffic on Genesee Street over Misteguay Creek in the village of New Lothrop, Shiawassee County.	J. Slagter & Son Construction Co.	\$212,445.69	\$293,412.81	\$80,967.12	38.11%	5/16/2012	6/1/2012	7/3/2012	9/4/2013	C	<u>Reason # 1:</u> CM #1 included an increase of \$74,027.70 for extra work. The existing bridge brush block had severe deterioration and was not scheduled to be repaired as part of this project. In order to correctly construct the bridge deck overlay, the outside edge of the brush block required replacement. After exploring different options and consulting with Bridge Program Manager Keith Cooper it was decided by the University Region Bridge Engineer to completely replace the brush block with a new Type 5 Bridge Barrier Railing, Guardrail Anchorages, and Type B rail. <u>Reason # 2:</u> CM #2 included increase of \$1,681.45 for operating traffic control devices during approved extension of time related to Reason # 1. <u>Reasons 1-2</u> account for \$75,709.15 or 94% of the total project increase.
University	33400	110185	0.34 mi of sand subbase, aggregate base, hot mix asphalt pavement, concrete curb, gutter, sidewalk, and drive approaches, drainage improvements, and pavement markings on East Kalamazoo Street from Larch Street to Pennsylvania Avenue in the city of Lansing, Ingham County.	Hoffman Bros., Inc.	\$692,323.64	\$807,975.41	\$115,651.77	16.70%	4/18/2011	130 Calander Days	8/26/2011	9/19/2013	C	<u>Reason #1:</u> CM #1 includes an increase of \$40,000 for the removal of non-hazardous contaminated materials in excavated soils, possibly due to a former gas station. <u>Reason #2:</u> CM #3 includes \$12,600 to abandon a 10" natural gas line with flowable fill. The line was in poor condition and could have caused sink holes in the finished roadway. It was centrally located, and construction staging made it impractical to remove. Also, flowable fill needed to be pumped into place in multiple set ups, making the contract flowable fill pay item inapplicable. The Contractor submitted a lump sum price which was approved by the Project Engineer prior to starting the work. <u>Reason #3:</u> CM #4 includes an increase of \$10,509 to reconfigure drive approaches for the Quality Dairy store at the southwest quadrant of Pennsylvania Avenue and Kalamazoo Street to eliminate safety concerns with customers and deliveries entering and exiting onto Kalamazoo Street. <u>Reason #4:</u> CM #6 includes an increase of \$11,138.55 for repair of a collapsed sanitary sewer and repair of an unknown, damaged storm water lead that was discovered during excavation of a sink hole. <u>Reasons 1-4</u> account for \$74,247.55, or 64% of the total project cost increases.

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

### Current Summary of MDOT Projects

Time Period	Original Contract Cost	Final Contract Cost	Percent Difference
Current Month, October 2013	\$122,073,245.24	\$128,281,348.66	5.09%
2013 Fiscal Year	\$1,032,494,099.34	\$1,041,610,153.49	0.88%

### Five Year Summary of MDOT Projects

Calendar Year	Original Contract Cost	Final Contract Cost	Percent Difference
2008	\$967,285,996.11	\$983,915,828.12	1.72%
2009	\$726,981,046.84	\$750,956,601.62	3.30%
2010	\$615,818,269.64	\$615,142,561.83	-0.11%
2011	\$833,072,906.02	\$842,999,015.92	1.19%
2012	\$771,130,483.23	\$768,530,401.94	-0.34%
2013	\$934,395,684.55	\$943,440,046.41	0.97%

# MDOT

## CONSTRUCTION PROJECTS FINALED IN OCTOBER 2013

7					6					1				
<b>MDOT Projects With an Original Contract Amount of</b>					<b>MDOT Projects Designed by MDOT With an Original Contract Amount of</b>					<b>MDOT Projects Designed by Consultants With an Original Contract Amount of</b>				
\$122,073,245.24					\$114,759,944.49					\$7,313,300.75				
Total Over the Original Cost					Total Over the Original Cost					Total Over the Original Cost				
6,208,103.42					6,046,084.22					162,019.20				
Projects Finalized This Month (35 Total)					Total Original Contract Amount	Total Final Contract Amount	Total Increase or Decrease	Total Percent	# of Jobs Over 10%	# of Jobs Under				
					122,073,245.24	128,281,348.66	6,208,103.42	5.09%	6	15				
Region	Date	Prefix	Control Section	Job Number	Original Contract Amount	Final Contract Amount	Increase or Decrease	Percent Over or Under	Jobs Over 10%	Date Work Started	Expect Compl.	Actual Compl.	Δ Days **	Designed by MDOT or Cons.
Bay	10/22/2013	AR	9011	48271A	12,148,026	13,262,548	1,114,522.00	9.17%		2/9/2010	9/19/2013	7/30/2013	-50	M
Bay	10/22/2013	AR	9011	87842A	2,833,246.34	2,890,776.42	57,530.08	2.03%		2/9/2010	9/19/2013	7/30/2013	-50	M
Bay	10/22/2013	ARUL	9034	106344A	15,040,217	15,142,786	102,569.00	0.68%		2/9/2010	9/19/2013	7/30/2013	-50	M
Bay	10/22/2013	AR	9034	74138A	2,419,044.51	2,485,562.21	66,517.70	2.75%		2/9/2010	9/19/2013	7/30/2013	-50	M
Bay	10/8/2013	ST	18041	106844A	3,239,985.75	3,011,272.36	(228,713.39)	-7.06%		4/18/2011	8/25/2011	9/3/2013	741	M
Grand	10/31/2013	EBSL	34081	114904A	294,942.39	264,980.85	(29,961.54)	-10.16%		5/29/2013		8/8/2013	0	M
Grand	10/17/2013	AR	84913	105799A	2,327,000.00	2,287,971.83	(39,028.17)	-1.68%		2/11/2011	9/1/2011	7/12/2013	679	C
Grand	10/31/2013	ST	84913	112177A	175,835.00	169,725.00	(6,110.00)	-3.47%		6/4/2013		7/9/2013	0	M
Metro	10/8/2013	STH	50111	103541A	163,040.69	182,382.47	19,341.78	11.86%	*	4/19/2012	6/14/2013	6/14/2013	0	M
Metro	10/8/2013	STH	50111	106878A	212,969.08	243,872.02	30,902.94	14.51%	*	4/19/2012	6/14/2013	6/14/2013	0	M
Metro	10/8/2013	CBIP	50112	89090A	15,252,011	17,176,571	1,924,560.00	12.62%	*	4/19/2012	6/14/2013	6/14/2013	0	M
Metro	10/8/2013	BHI	77023	108622A	1,904,985.32	2,011,345.63	106,360.31	5.58%		5/11/2012	6/1/2013	7/1/2013	30	C
Metro	10/31/2013	ST	77051	113419A	201,951.08	173,154.53	(28,796.55)	-14.26%		7/16/2012	6/30/2013	6/6/2013	-24	M
Metro	10/17/2013	MBWB	77111	113892A	1,154,624.11	1,314,690.61	160,066.50	13.86%	*	4/4/2012	6/30/2012	11/2/2012	124	M
Metro	10/17/2013	STE	82062	82728A	239,318.79	257,408.92	18,090.13	7.56%		6/19/2012	11/1/2012	10/26/2012	-6	M
Metro	10/10/2013	ST	82101	55664A	3,081,315.43	3,176,002.49	94,687.06	3.07%		4/16/2012	9/8/2012	5/31/2013	265	C
North	10/10/2013	ST	65032	113597A	588,153.20	127,665.06	(460,488.14)	-78.29%		4/2/2012	10/26/2012	5/31/2013	217	M
North	10/10/2013	HSIP	65032	109229A	1,180,800.25	1,736,198.66	555,398.41	47.04%	*	4/2/2012	10/26/2012	5/31/2013	217	M
North	10/10/2013	NH	65033	103442A	5,166,971.86	5,098,682.73	(68,289.13)	-1.32%		4/2/2012	10/26/2012	5/31/2013	217	M
North	10/10/2013	ST	65033	113564A	195,310.00	175,869.83	(19,440.17)	-9.95%		4/2/2012	10/26/2012	5/31/2013	217	M
North	10/10/2013	ST	65033	110708A	38,527.95	85,065.60	46,537.65	120.79%	*	4/2/2012	10/26/2012	5/31/2013	217	M
North	10/31/2013	NH	65041	116417A	690,453.50	700,259.51	9,806.01	1.42%		7/23/2013	10/4/2013	9/21/2013	-13	M
North	10/16/2013	NH	72061	116409A	1,444,484.00	1,421,715.00	(22,769.00)	-1.58%		6/3/2013	11/1/2013	7/13/2013	-110	M
Southwest	10/15/2013	ST	39082	115609A	298,603.12	325,301.37	26,698.25	8.94%		5/6/2013	6/28/2013	6/24/2013	-4	M
Southwest	10/15/2013	ST	39102	115611A	601,125.90	563,450.95	(37,674.95)	-6.27%		5/6/2013	6/28/2013	6/24/2013	-4	M
Southwest	10/15/2013	ST	78062	115613A	887,868.73	875,077.83	(12,790.90)	-1.44%		5/6/2013	6/28/2013	6/24/2013	-4	M
Southwest	10/10/2013	CMG	80024	107461A	2,756,086.36	2,683,207.82	(72,878.54)	-2.64%		4/8/2011	9/25/2013	9/20/2013	-5	M

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# MDOT

## CONSTRUCTION PROJECTS FINALED IN OCTOBER 2013

7					6				1					
<b>MDOT Projects With an Original Contract Amount of</b>					<b>MDOT Projects Designed by MDOT With an Original Contract Amount of</b>				<b>MDOT Projects Designed by Consultants With an Original Contract Amount of</b>					
\$122,073,245.24					\$114,759,944.49				\$7,313,300.75					
Total Over the Original Cost					Total Over the Original Cost				Total Over the Original Cost					
6,208,103.42					6,046,084.22				162,019.20					
<b>Projects Finalized This Month (35 Total)</b>					<b>Total Original Contract Amount</b>	<b>Total Final Contract Amount</b>	<b>Total Increase or Decrease</b>	<b>Total Percent</b>	<b># of Jobs Over 10%</b>	<b># of Jobs Under</b>				
					122,073,245.24	128,281,348.66	6,208,103.42	5.09%	6	15				
Region	Date	Prefix	Control Section	Job Number	Original Contract Amount	Final Contract Amount	Increase or Decrease	Percent Over or Under	Jobs Over 10%	Date Work Started	Expect Compl.	Actual Compl.	Δ Days **	Designed by MDOT or Cons.
Southwest	10/17/2013	HSIP	84915	117585A	569,554.53	529,612.30	(39,942.23)	-7.01%		6/4/2013	11/30/2013	9/5/2013	-85	M
Superior	10/31/2013	NH	21021	113702A	937,268.66	954,854.70	17,586.04	1.88%		5/29/2013	8/2/2013	8/1/2013	-1	M
Superior	10/22/2013	BHT	66041	110475A	775,124.83	780,419.41	5,294.58	0.68%		9/25/2012	6/28/2013	6/22/2013	-6	M
University	10/8/2013	M	23061	M61267	188,505.11	207,324.63	18,819.52	9.98%		8/24/2012	10/8/2012	9/9/2012	-29	M
University	10/16/2013	STH	33051	103345A	474,040.11	478,134.36	4,094.25	0.86%		6/23/2011	9/20/2013	1/22/2013	-240	M
University	10/17/2013	EBSL	38073	116569A	206,643.84	199,626.93	(7,016.91)	-3.40%		6/21/2013	9/13/2013	7/15/2013	-59	M
University	10/22/2013	ARL	38103	105785A	43,892,297	46,850,541	2,958,244.00	6.74%		2/24/2010	5/2/2012	11/15/2012	196	M
University	10/16/2013	STG	84916	105753A	492,913.80	437,290.63	(55,623.17)	-11.28%		10/23/2012	9/28/2012	8/9/2013	314	M
					Original			Final	Over/Under %					
					All MDOT	\$122,073,245.24	All MDOT Proj	\$128,281,348.66	5.09%					
					MDOT/MDOT	\$114,759,944.49	MDOT Des.	\$120,806,028.71	5.27%					
					MDOT/Cons.	\$7,313,300.75	Cons. Designed	\$7,475,319.95	2.22%					

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## LOCAL CONSTRUCTION PROJECTS FINALED IN OCTOBER 2013

LOCAL PROJECTS FINALED THIS MONTH (48 Total)				TOTAL ORIGINAL CONTRACT AMOUNT	TOTAL FINAL CONTRACT AMOUNT	TOTAL INCREASE OR DECREASE	TOTAL PERCENT	# OF JOBS OVER 10%	#OF JOBS UNDER	
				36,553,109.82	37,574,294.72	1,021,184.90	2.79%	3	24	
Date	Prefix	Control Section	Job Number	Original Contract Amount	Final Contract Amount	Increase or Decrease	Percent Over or Under	Jobs Over 10%	Date Work Started	Designed by
10/8/2013	STUL	8015	114384A	218,895.30	171,509.37	(47,385.93)	-21.65%		5/14/2013	L
10/8/2013	EDDF	15555	102487A	1,468,950.05	1,457,637.64	(11,312.41)	-0.77%		4/30/2012	C
10/8/2013	STUL	37073	114397A	649,840.22	586,839.92	(63,000.30)	-9.69%		6/18/2012	C
10/8/2013	SRSI	52423	112487A	170,825.00	168,902.58	(1,922.42)	-1.13%		8/1/2011	C
10/8/2013	STU	63459	115483A	1,140,747.08	1,056,444.42	(84,302.66)	-7.39%		5/9/2012	L
10/8/2013	STU	82457	114148A	797,547.35	858,091.36	60,544.01	7.59%		5/1/2012	C
10/8/2013	STH	82609	113676A	304,957.65	308,985.29	4,027.64	1.32%		10/2/2012	C
10/10/2013	CMG	25400	114112A	878,684.14	945,087.67	66,403.53	7.56%		1/10/2012	L
10/10/2013	STU	41400	114557A	1,424,408.93	1,342,334.79	(82,074.14)	-5.76%		6/16/2012	L
10/10/2013	STE	41401	115502A	293,949.71	289,416.85	(4,532.86)	-1.54%		6/16/2012	L
10/10/2013	HRRR	41609	112716A	263,355.89	282,071.73	18,715.84	7.11%		8/13/2012	L
10/10/2013	CMG	50111	112432A	289,751.74	298,895.00	9,143.26	3.16%		4/2/2012	L
10/10/2013	MCS	81002	109322A	735,780.20	772,164.41	36,384.21	4.94%		6/4/2012	C
10/10/2013	STU	81075	109423A	343,800.00	447,103.35	103,303.35	30.05%	*	9/8/2010	L
10/10/2013	STU	81457	115671A	668,936.92	677,473.73	8,536.81	1.28%		5/30/2012	L
10/10/2013	STL	81475	115225A	92,550.96	61,773.33	(30,777.63)	-33.25%		5/30/2012	L
10/10/2013	EDDF	81555	115263A	300,871.50	297,980.27	(2,891.23)	-0.96%		5/30/2012	L
10/10/2013	STU	82400	111309A	1,669,880.70	1,667,656.17	(2,224.53)	-0.13%		6/22/2011	L
10/10/2013	MX	82400	112206A	3,037,448.73	3,428,986.77	391,538.04	12.89%	*	6/22/2011	L
10/10/2013	STH	82609	113675A	264,734.39	274,760.04	10,025.65	3.79%		4/16/2013	C
10/16/2013	EDDF	36555	106122A	329,228.10	313,143.58	(16,084.52)	-4.89%		9/24/2012	L
10/16/2013	EDDF	36555	116624A	278,433.10	281,931.70	3,498.60	1.26%		10/8/2012	L
10/16/2013	STU	50458	104588A	1,625,764.73	1,683,035.84	57,271.11	3.52%		5/10/2011	C
10/16/2013	BRT	52555	49687A	4,484,024.83	4,930,320.57	446,295.74	9.95%		9/8/2009	C
10/17/2013	STL	20555	116033A	372,432.50	349,594.60	(22,837.90)	-6.13%		8/23/2013	C
10/17/2013	STU	41400	114738A	1,375,743.32	1,387,021.82	11,278.50	0.82%		3/18/2013	L
10/17/2013	STU	82400	100822A	1,389,596.27	1,355,359.28	(34,236.99)	-2.46%		5/22/2008	L
10/22/2013	MCS	16017	86349A	1,454,414.21	1,559,313.99	104,899.78	7.21%		9/26/2011	C
10/22/2013	STE	19037	113865A	85,768.20	86,120.70	352.50	0.41%		8/23/2012	C

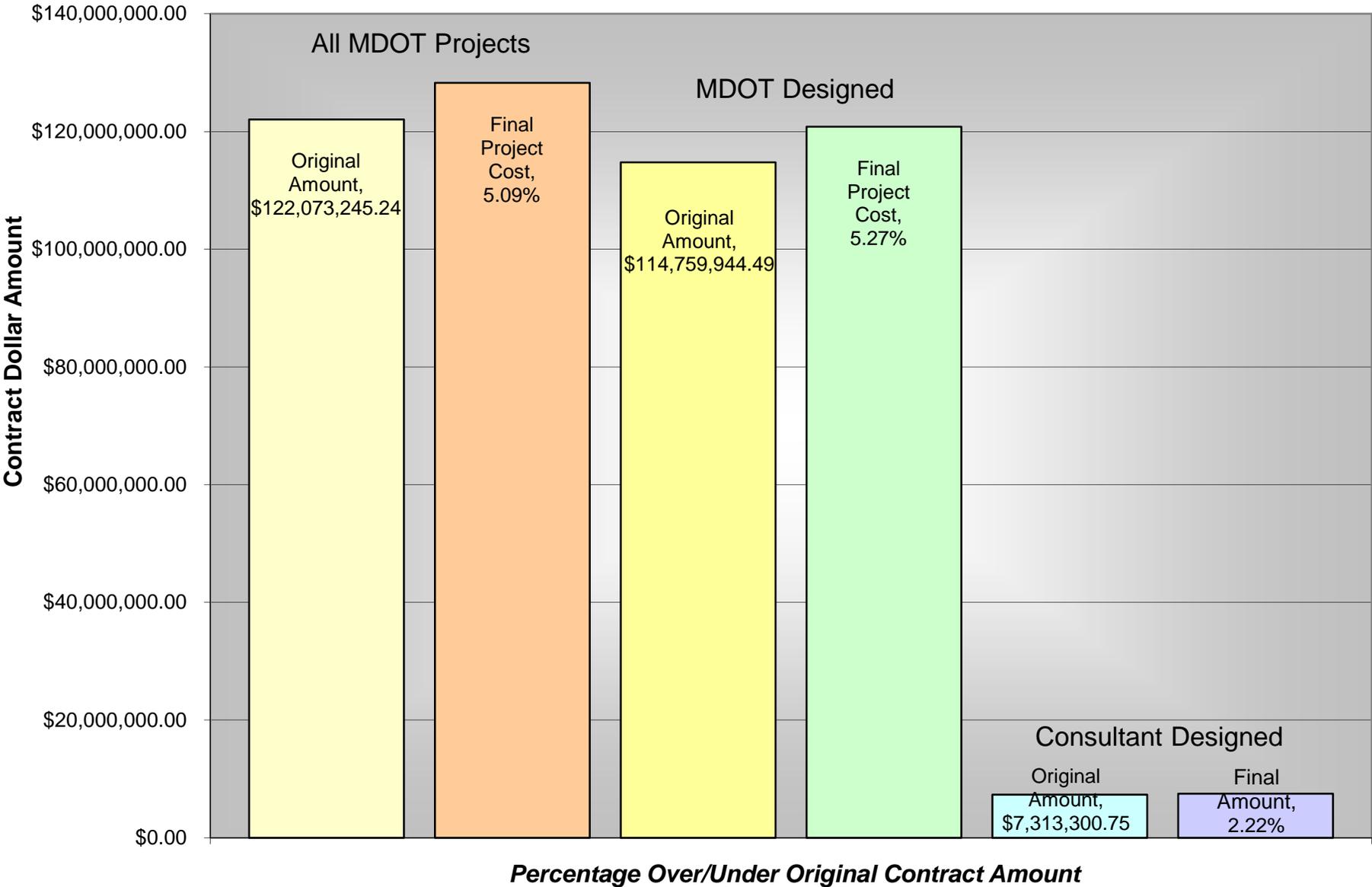
# LOCAL

## CONSTRUCTION PROJECTS FINALED IN OCTOBER 2013

LOCAL PROJECTS FINALED THIS MONTH (48 Total)				TOTAL ORIGINAL CONTRACT AMOUNT	TOTAL FINAL CONTRACT AMOUNT	TOTAL INCREASE OR DECREASE	TOTAL PERCENT	# OF JOBS OVER 10%	#OF JOBS UNDER	
				36,553,109.82	37,574,294.72	1,021,184.90	2.79%	3	24	
Date	Prefix	Control Section	Job Number	Original Contract Amount	Final Contract Amount	Increase or Decrease	Percent Over or Under	Jobs Over 10%	Date Work Started	Designed by
10/22/2013	STU	19400	112238A	350,126.46	346,304.65	(3,821.81)	-1.09%		8/23/2012	C
10/22/2013	STL	52555	102929A	244,545.10	239,058.89	(5,486.21)	-2.24%		7/25/2012	L
10/22/2013	STE	61121	114708A	389,801.02	346,005.41	(43,795.61)	-11.24%		8/6/2012	C
10/23/2013	STUL	39405	110281A	512,364.73	524,824.51	12,459.78	2.43%		5/14/2012	L
10/23/2013	STUL	39405	110286A	315,670.36	305,227.97	(10,442.39)	-3.31%		5/14/2012	L
10/28/2013	HRRR	11609	112702A	163,603.23	151,978.96	(11,624.27)	-7.11%		4/15/2013	C
10/28/2013	STUL	13411	110858A	144,393.64	150,205.31	5,811.67	4.02%		5/6/2013	L
10/28/2013	STUL	13411	116206A	381,663.94	381,004.85	(659.09)	-0.17%		5/6/2013	L
10/28/2013	STUL	34067	114386A	816,878.54	851,839.98	34,961.44	4.28%		6/18/2012	C
10/28/2013	STUL	39405	89652A	904,737.12	876,025.07	(28,712.05)	-3.17%		4/16/2012	C
10/28/2013	STE	77475	112337A	254,487.20	261,422.98	6,935.78	2.73%		4/9/2012	C
10/28/2013	STUL	77475	115998A	806,505.80	733,112.91	(73,392.89)	-9.10%		8/13/2012	L
10/28/2013	EDDF	77555	116701A	580,316.95	581,296.32	979.37	0.17%		10/2/2012	L
10/28/2013	STU	82457	115851A	1,992,985.53	2,084,705.60	91,720.07	4.60%		8/24/2012	C
10/28/2013	EDA	82522	115575A	477,690.24	461,344.70	(16,345.54)	-3.42%		6/25/2012	C
10/31/2013	EDDF	36555	115232A	77,777.77	75,097.05	(2,680.72)	-3.45%		6/22/2012	C
10/31/2013	STL	48095	113008A	46,868.68	46,821.84	(46.84)	-0.10%		10/2/2012	L
10/31/2013	STH	63609	113649A	111,870.48	124,343.84	12,473.36	11.15%	*	5/23/2012	C
10/31/2013	STE	82457	109291A	1,569,501.31	1,693,717.11	124,215.80	7.91%		8/2/2010	C

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# MDOT Construction Projects Finaled October 2013



## MDOT Number of Projects Completed under/over Budget

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

