Michigan State Transportation Commission Meeting Agenda

Date: October 24, 2012

Time: 9:00 a.m.

Location: Center for Health Sciences
Steelcase Foundation Lecture Hall
301 Michigan Street NE
Grand Rapids, Michigan 49503

Welcome

- John Weiss, Executive Director, Grand Valley Metro Council
- Matthew E. McLogan, Vice President for University Relations, Grand Valley State University

Commission Minutes

- Minutes of September 27, 2012 Commission Meeting

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 **(motion required)**
- Exhibit B - Contract Adjustments….Brenda O'Brien (no motion required)

Presentations

- 2011/2012 FY Letting Statistics….Myron Frierson
- Disadvantaged Business Enterprise Goals….Pat Collins, Director, Office of Business Development (**motion required**)
- Grand Region Update…Roger Safford (no motion required)
- Greater Grand Rapids Chamber of Commerce….Rick Baker, CEO

Public Comments

The December 6, 2012 meeting will be held at the Detroit TSC, beginning promptly at 9:00 a.m.

The Commission may, at its discretion, revise this agenda or take up any other issues as need and time allow. If you have any questions regarding this meeting or need special accommodations, call the State Transportation Commission Office at 517-373-2110.
Agendas/Minutes can be found on our website at www.michigan.gov/transcommission

October 19, 2012

MINUTES
MICHIGAN STATE TRANSPORTATION COMMISSION MEETING
September 27, 2012
Petoskey, Michigan

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

Present: Jerrold M. Jung, Chair
Todd A. Wyett, Vice Chair
Mike Hayes, Commissioner
Charles Moser, Commissioner
Linda Miller Atkinson, Commissioner
Sharon Rothwell, Commissioner

Also Present: Kirk Steudle, Director
Frank Raha, Commission Advisor
Amy Dickenson, Commission Executive Assistant
Jack Cotter, Commission Auditor, Office of Commission Audit
David Brickey, Attorney General's Office, Transportation Division
Greg Johnson, Chief Operations Officer
Myron Frierson, Director, Bureau of Finance & Administration
Mark VanPortFleet, Director, Bureau of Highway Development
Brenda O'Brien, Engineer of Construction Field Services
Kelley Bartlett, Director, Office of Governmental Affairs
Jeff Cranson, Director of the Office of Communications
Scott Thayer, North Region Engineer
Bob Sweeney, Mackinac Bridge Administration
Denise Jackson, Administrator, Statewide Planning Division

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

Chair Jung called the meeting to order at 9:00 a.m. at North Central Community College, Petoskey, Michigan.

I. NORTH REGION UPDATE

Scott Thayer, North Region Engineer provided an overview of the North Region. There are about 4,000 lane miles in the north region of which 933 are freeway miles. He provided a list of the assets maintained by the North Region, stating that each Transportation Service Center covers six counties. Mr. Thayer discussed the pedestrian and bike path from Petoskey to Charlevoix and the Sleeping Bear Heritage Trail in Leelanau County. He emphasized that there are four Heritage routes in the North Region along US-23, M-119, M-22, and M-37.

The North Region Reinvention included the consolidation of the Gaylord and Grayling Offices, consolidation of Maintenance Operations, and reduced staffing. In 2010, North Region had approximately 211 positions and now has 172 positions. Key staff positions

have been filled to be in alignment with the other Region offices. Out of the 24 Counties, there are maintenance agreements with 20 of them.

Petoskey Area Transportation Initiatives
Mr. Thayer introduced Mr. Dan Ralley, Petoskey City Manager, to discuss some of the Petoskey Area Transportation Initiatives.

Mr. Rally discussed the strong relationship the City of Petoskey has with MDOT's local TSC. He stated that the projects and collaboration efforts that are going on in Petoskey is a good model for the rest of the state. He also discussed the collaboration of the local tribe, the Little Traverse Bay Band of Odawa Indians, who has been supportive of funding and transportation projects. The Tribal Government has been very active in collaborating on transportation projects. It is a unique and cooperative relationship.

Also the City has been proactive to do Access Management improvements. They look at these improvements as being positive for the community.

Mr. Rally stated that Jay Gailitis, Gaylord TSC Manager, does a nice job. The relationship with the Gaylord TSC and the City of Petoskey is producing very positive results. What is going on in Petoskey is a good model for the rest of the state.

Mr. Ralley introduced Jay Gailitis to discuss some of the North Region projects that have been done and will be done in the future. Future projects included US-131 at Intertown Road, M-119 at Petoskey State Park, M-119 and US-31 Junction, and US-31 Reconstruction along Bay.

Projects completed included Pickerel Lake Road and Division Road. The department has committed to Manvel Road in 2013, US-131 Access Management project in 2013, and the Charlevoix Avenue project in 2015.

Mr. Gailitis showed slides of the designs of the projects and provided the specifications and details pertaining to those projects.

Concluding the presentation Mr. Gailitis opened the floor for questions.

Chairman Jung asked for an update on the construction of the bike path in Harbor Springs.

Mr. Gailitis stated that the bike path at the golf course is underway at this time. There is a boardwalk section currently being constructed, which should be complete this fall.

A complete copy of the presentation is on file.

II. **DIRECTOR'S REPORT**

2035 Transportation Program – David Wresinski

Mr. Wresinski presented on the State Long-Range Plan. He discussed the recent public comment period that took place August 2 through 31, 2012. There were fifteen public meetings, an online comment form, notices sent through e-mail, press releases, and additional outreach completed through the Regional Planning Agencies and MDOT Region Planners.

Mr. Wresinski stated that the comments received focused on funding and expanding bus and train service, new rapid transit, carpooling, bike paths, and pedestrian needs. Also there was concern that the plan does not adequately address the changing trends and one comment identified a lack of discussion on the need to address community and environmental concerns. All comments were referred to the appropriate MDOT region offices.

Throughout the process, MDOT heard that they need to continue to maintain and preserve the existing transportation system.

Mr. Wresinski discussed that investments in Michigan's road and bridge infrastructure are integral to Michigan's transit services and will become more important as plans for rapid bus transit in urban areas develop.

The *Integration Technical Report* revealed key principles for statewide investment decisions. These key principles include investing financial resources to preserve existing system components; when improving a system component consider and make allowances for improvements that may be needed in integrated components; seeking investments that provide leverage, remove barriers, realize opportunities, and improve integration for multiple components; and assessing performance objectives with respect to all modes.

The strategies implemented by MDOT and its partners will strive to improve overall corridor condition and operation for all modes

Mr. Wresinski asked for questions.

Commissioner Moser asked Mr. Wresinski to further discuss the transit system.

Mr. Wresinski stated that the transit authorities have said they support system preservation, and would like additional information on long-term transit funding. Additionally, they question whether long-term term traffic would warrant the investment and additional capacity in the corridor. Some moderate increases in capacity were needed.

Commissioner Hayes stated that this was a tremendous amount of work. However, he did not see a section related to vision. He said it appears that everything has been addressed, but 30 years is a long time and there is no mention of what transportation will look like in 30 years, how it will adapt to electric vehicles, etc. He discussed that he felt

a significant part of Michigan, in the mid part, there is a tremendous amount of growth in the bay and midland areas all the way to Grand Rapids.

Mr. Wresinski stated that the biggest challenge on vision is the gap between our system needs and the ability to obtain funding. Michigan is certainly a leader in certain areas such as connected vehicles. The transit agencies brought up the subject that there are fewer younger people getting driver's licenses, etc. and are instead using the transit system more and more. He does not want to say the lack of funding.

Commissioner Rothwell asked if there is a process of revisiting the plan, even though this plan is looking out to 2035.

Mr. Wresinski stated that they would be coming back in the future to update this plan as we move forward, which will occur before 2020.

Ms. Gorski clarified that this was an extension of the current plan. They looked at what was still good and what could be extended. The department reaffirmed that plan, and extended the planning horizon to 2035. It is serving as an interim until the next plan can be done relative to MAP 21. The department is on a 5-year cycle to update the plan.

Commissioner Moser stated that one of the things he would support is future testing and modeling. He stated that it is good to go in that direction.

Commissioner Hayes stated we should not let existing funding limit our thinking. If you have something out there that people can get excited about, the money with somehow come. He recommended that for the next plan, the department add a visionary section.

Chairman Jung entertained a motion for approval of the 2035 Michigan Transportation Plan.

Moved by Commissioner Hayes, with support from Commissioner Moser to approve the 2035 Michigan Transportation Plan.

Commission Advisor Raha asked for a roll call. The roll call was unanimous with six yays.

A complete copy of this presentation is on file.

III. **COMMISSION BUSINESS**

Commission Minutes

Chairman Jung entertained a motion for approval of the minutes from the State Transportation Commission meeting of August 23, 2012.

Moved by Commissioner Rothwell, with support from Vice Chair Wyett to approve the minutes from the State Transportation Commission meeting of August 23, 2012. Motion carried.

2013 STC Meeting Schedule
Chairman Jung entertained a motion for approval of the 2013 State Transportation Commission Meeting Schedule.

Moved by Commissioner Hayes, with support from Commissioner Atkinson to approve the 2013 State Transportation Commission Meeting Schedule.

IV. OVERSIGHT

Commission Agreements (Exhibit A) – Myron Frierson
Mr. Frierson presented information on 36 agreements. Pending any questions, Mr. Frierson asked for approval of Exhibit A; none were forthcoming.

Chair Jung entertained a motion. Motion was made by Commissioner Atkinson and supported by Commissioner Rothwell to approve Exhibit A. Motion carried.

Commission Agreements (Exhibit Supplemental A) – Myron Frierson
Mr. Frierson presented information on 12 Passenger Transportation agreements. Pending any questions, Mr. Frierson asked for approval of Exhibit Supplemental A; none were forthcoming.

Chair Jung entertained a motion. Motion was made by Vice Chair Wyett, and supported by Commissioner Hayes to approve Exhibit A. Motion carried with Commissioner Moser abstaining from the vote.

Bid Letting Pre-Approvals (Exhibit A-1) – Myron Frierson
Mr. Frierson presented Exhibit Supplemental Exhibit A-1. Exhibit A-1 included 12 state projects and 7 local projects.

For the September 7 and 14, 2012, bid lettings, 30 State projects with total engineers' estimates of $117.1 million and total low bid dollars of $118.1 million were let. The average low bid was $3.94 million, and the median of $839.0 thousand.

The State total number of projects let during fiscal year-to-date 2012 was 307 with a low bid total of $643.8 million. Compared to the same period in fiscal year 2011, 324 State projects were let with low bids totaling $700.0 million.

The number of State trunk line projects anticipated to be let during FY 2012 was 327 with a total construction cost estimate of $735.1 million.

At the close of FY 2012 through September, 307 State projects with $652.6 million in total estimates were let representing 93.9% of the total number of projects projected to be

let, and 88.8% of the projected construction cost estimate anticipated for fiscal year 2012 project projections. In comparison to FY 2011 through September, 324 State projects with a total engineers' estimate of $730.9 million were let representing 95.9% of the total number of projects projected to be let and 95.9% of the projected construction cost estimate anticipated for fiscal year 2011.

Currently for the October 5, 2012, bid letting, 29 State projects are being advertised with an engineer estimate of $41.7 million. Of the 29 State projects, seven include warranties with a total engineer's estimate of $13.3 million. In addition to the State projects advertised October 5, 20 Local projects with a total engineers' estimate of $9.6 million and 1 Aeronautic project with $70.0 thousand in total engineers' estimates are scheduled to be let.

Chairman Jung entertained a motion. Motion was made by Commissioner Hayes and supported by Commissioner Atkinson to approve Exhibit A-1. Motion carried.

Letting Exceptions Agenda (Exhibit A-2) – Mark VanPortFleet
Mr. VanPortFleet provided information on four State projects. Two State projects were over/under the engineers' estimates. The other two projects were over $500,000, were under 10% of the engineer's estimate, and only had one bidder.

Mr. VanPortFleet stated that the fiscal year has just been closed and the department had an exceptional year. See recording. This year MDOT was over 35%. The staff did an excellent job and he wanted to acknowledge them.

Pending any questions, Mr. VanPortFleet asked for approval of Exhibit A-2.

Chairman Jung entertained a motion. Motion was made by Commissioner Wyett and supported by Commissioner Hayes to approve Exhibit A-2. Motion carried.

Information Only (Exhibit A-3) – Myron Frierson
Mr. Frierson presented Exhibit A-3 as an informational item. Exhibit A-3 consisted of one state project. The project bid is under Five Hundred Thousand Dollars ($500,000) and has less than two bidders or is a low bid rejection or has other bid issues.

Contract Adjustments (Exhibit B) – Brenda O'Brien
Ms. O'Brien reported that 38 MDOT projects were finalized last month in the amount of $98.8 million that was -0.12% less than the actual bids. MDOT continues to do great job managing projects statewide.

Ms. O'Brien presented Exhibit B. For contract adjustments this month, there are two department projects that exceeded the 10% of the as bid costs. There were also four local projects that exceeded 10% of the original contract price.

MDOT item 2012-070 actually has a negative adjustment to final the project. It was safe routes to school project.

Ms. O'Brien opened the floor for questions regarding the items listed in Exhibit B.

No Motion was required.

Exhibit C – Six Month Financial Follow-up – Jack Cotter

Mr. Cotter presented the Six-Month Financial Audit Follow-up. Guidance Document 10044, Processing Audit Requests and Auditor's Reports on Contractual Agreements, provides for processing auditor's reports within 120 days of the date the reports are issued. As reported in the Exhibit C - Schedule of Auditor's Reports Outstanding, the department has not completed its processing of some auditor's reports as provided for in the guidance document. Our report covers 13 auditor's reports, with approximately $3.74 million in net recommended adjustments due to the department and no recommended questioned costs... As the report indicates, the department is working with the audited entities and Commission Audit, to close these audits.

Mr. Cotter recommended that the Commission accept this report and opened the floor for questions.

Chairman Jung asked if there are any receivables that stand out from the others.

Mr. Cotter stated that some of the entities have been on the list before, but more research was warranted to work with the entity to address the underlying issues. There is a variety of areas throughout the department that are mentioned in the report, but the department is working with the entity to resolve the issues.

Commissioner Rothwell asked for an explanation of "questioned costs" and what it means when it states questioned costs are zero.

Mr. Cotter stated that when questioned costs are zero there are no amounts where participation by the department is questioned.

Commissioner Rothwell stated her understanding is that zero in the questioned costs means that the entity is not disputing the costs owed to the department and is working towards a resolution.

Chairman Jung stated that most of the items listed in the report address fringe benefits. This is very onerous on the staff that has to calculate the allowable rates. He asked if there was a way to develop a streamlined process to make the process easier and develop a standardized rate.

Director Steudle stated there has been a lot of discussion on fringe benefits. He stated that MDOT agrees that they would like to see a given number; however, MDOT has to operate within federal guidelines.

Commissioner Rothwell stated that it could be assumed that it might be frustrating for those entities that may think they are doing the right thing, to later find themselves in a

bind.

Chairman Jung stated that if the process was simplified it could resolve some of these issues.

Chairman Jung entertained a motion. Motion was made by Commissioner Moser and supported by Commissioner Rothwell to approve Exhibit C. Motion carried.

IV. **PRESENTATIONS**

Mackinac Bridge Authority Presentation

Bob Sweeney, Mackinac Bridge Authority provided an over of the Mackinac Bridge. By the late 1880's the railroad service came to the Straits of Mackinac, including rail ferry to cross the straits. In the early 1900's automobiles started to cross on the rail ferries and it was unclear what to charge so they charged $40 to cross. The cost caused a lot of concern so the Michigan Legislature ordered the transportation department to provide ferry service to cross the Straits of Mackinac. The first boat purchased was a Detroit riverboat that was not well suited for the straits. The rate for ferry service in 1923 was $3.50.

He discussed the challenges they faced to cross the straits. In the winter, the rail service contracted with the Mackinac Transportation Company to provide winter service.

In 1950, legislation was enacted to create new Mackinac Bridge Authority, which included seven members, one being the director of MDOT. They were originally charged with feasibility, whether a bridge could be built across the straits. Some of the challenges they faced included political opposition, along with physical problems of constructing the bridge. The funding was addressed in 1953 and construction started on May 7, 1954. In order to start construction, the engineer hired had to have complete plans to get the financing.

Several slides of the construction phases were shown and discussed. Mr. Sweeney stated that the Mackinac Bridge was one of the last to use rivet construction. He also stated that there were some issues such as ice pressure and aerodynamics. Aerodynamics being the biggest. All of these issues were dealt with and in 1957; the bridge was opened with a toll of $3.25.

Current Operations

There are over 100 employees at the bridge. Most of those employees are maintenance and engineering. Maintenance staff performs routine maintenance such as cleaning winter road sand debris, cleaning the bridge deck, and cleaning the structure under the joints. They do some complex work in house such as joint repairs.

Mr. Sweeney discussed the upcoming bridge deck replacement, the cross beams being the most critical. The bridge crews do beam repairs. They have made over 300 repairs to cross beams, floor beams, and stringers.

He discussed a recent deck study. The outcome led to the upcoming North and South Approach Spans. This project is planned for 2018 and will cost approximately $82 million.

Mr. Sweeney discussed upcoming deck replacement projects. The Mackinac Bridge Authority is extending the life of the bridge deck by replacing components of the Deck that are wearing out. He also stated that the bridge cables are in good condition.

He discussed major bridge events, such as the Annual Mackinac Bridge walk. Mr. Sweeney stated that traffic is up by 2% and that customers include tourists (75%), commercial haulers (7%), and local traffic.

Estimated 2012 revenues are $26.5 million.

Mr. Sweeney opened the floor for discussion.

Commissioner Moser asked if the bridge qualified for federal aid.

Mr. Sweeney said they do qualify for federal aid, but they do not receive any.

Director Steudle stated that the tolls collected from the Mackinac Bridge is kept separate. It has been kept as a separate toll entity that pays for the bridge staff and maintenance from the revenues collected.

Chairman Jung asked if the department receives toll credits to offset the state match required for federal aid.

Mr. Frierson stated that the department has recently been able to use toll revenues from the Mackinac Bridge to receive toll credits. In the past, the department was only able to obtain credit for public tolls.

Commissioner Hayes thanked Mr. Sweeney for the tour of the bridge that was provided to him a few weeks ago. It was an amazing tour. He also asked Mr. Sweeney if there was an average figure to show the economic benefits provided by the Mackinac Bridge.

Mr. Sweeney stated that they have not, but he knows it is something they need to do.

Commissioner Hayes stated that it might be helpful to have that to show the economic growth that result from this type of bridge.

A complete copy of the presentation is on file.

2013 Transportation Program

Denise Jackson, Statewide Planning Division Administration, provided a brief overview of the FY 2013 Transportation program. This comprehensive program includes all modes. It implements federal legislation for highway, transit and aviation. New in 2012 are MAP 21 and the Federal Aviation Administration Modernization Program.

Total transportation investment is $1.6 billion. This will add about 21,600 jobs in Michigan.

Revenue assumption

The funding for highway capital and maintenance program is estimated at $1.2 billion, which is comparable to FY 2012. MAP 21 provides a lot of flexibility, but does not add more funding. State funding is anticipated at $479 million, which will be available for routine maintenance and capital program after debt service.

Highway Program Investment

The investment strategy shows how dollars will be allocated to the investment categories. There is a total of $1.17 billion that will be invested. It is for the total program, with preservation being 90% of the program. Approximately $1 billion is for preserving the current system. MDOT using the Asset Management approach. The capital program features 125 miles of improved road and over 100 rehabilitated bridges.

The highway program supports over 13,000 jobs in Michigan. Ms. Jackson stated that the program objective is to provide a safe and efficient transportation system. In the FY 13 program the system is expanding, there will be an investment of $125 million for capacity improvements and new roads. She mentioned the continuing improvement to US-31 (M0231) Holland to Grand Haven Corridor.

Chairman Jung asked how much is spent on the freeway courtesy patrol service.

The director stated that it has changed a few times through the years. It is tough to answer because it is tied into the operations of the ITS system itself.

Commissioner Rothwell stated that the patrols are very helpful. She sees the emergency highway vehicle helping someone almost every day.

2013 Bus and Marine Program

Kim Johnson presented the FY 13 Bus and Marine Program. The 2012 Program total was $268.6 million. In 2013, funding is up to $300.1 million.

The program is based on state, federal and local revenue, which is not actually revenue but rather expenditure authority in the hopes that the revenue is actually available. The program includes state, federal, and local funding. Federal revenues come from formula apportionments, discretionary grants, local flexing, and anticipated grants applications to the Federal Transit Authority. State funding consists of Comprehensive Transportation Fund and a one-time allocation from the General Fund.

The emphasis continues to be preserving existing services. Appropriated CTF and GF helps match federal transit capital grants for routine bus replacement and facility construction and renovation that are awarded to MDOT and local agencies. The department is hopeful that we will be able to match grants for essential equipment using bond funds and cash.

The full impact of MAP-21 is still unknown, but we hope to be strong competitors for unique pots of federal discretionary funds that will be distributed on a national level.

FY 13 Rail and Port Program

Tim Hoeffner presented the 2013 Rail and Port Program. He discussed the FY 13 appropriations: Rail $47.19; Port $.47 M, Federal Rail Passenger Rail $673.7 M.

Mr. Hoeffner discussed the freight investment highlights, which included $1 M in state owned property management, $2M state-owned capital projects, $3M Freight economic development, $5. M local crossing safety projects and loan see slide.

The 2013 Program will provide assistance to SEMCOG and the Ann Arbor Transportation Authority on two commuter rail demonstration projects. The Ann Arbor to Detroit project will provide a connection to Dearborn, Detroit Metro airport and Ypsilanti. In this case, the department will provide assistance to SEMCOG with freight railroad negotiations; equipment refurbishment; capacity analysis; environmental assessment; station development and infrastructure improvements.

The Washtenaw and Livingston Line Commuter Rail Project will connect Ann Arbor to Howell on the state-owned rail corridor. Significant progress has already been made on infrastructure improvements and the rehabilitation of commuter rail equipment. Contracts for station selection, NEPA process and station design will be awarded in early FY 2013.

Federal Aviation Program

Mike Trout, Director of the Office of Aeronautics, presented the 2013 Aeronautics program. The program consists of federal, state, and local funding, which totals approximately $107.73 million. He also discussed the economic benefit of building new hangars. He presented a slide showing a hangar built using MEDC and general aviation funds that provided 200 local jobs in the Oscoda area, and helped a local maintenance firm to be competitive on the world market.

Commissioner Hayes asked if the hangar in Oscoda is for freight purposes. Mr. Trout responded saying it is a maintenance hangar. With the increasing numbers of fleets, we would look into developing similar facilities to allow for additional maintenance facilities.

Mr. Trout stated that the Oscoda hanger is a Maintenance Hanger. He stated that with increasing fleets, we would need to look into developing these facilities to allow these maintenance operations to happen.

VI. PUBLIC COMMENTS

Chair Jung asked if any member of the audience wanted to address the Commission.

VII. ADJOURNMENT

There being no further business to come before the Commission, Chair Jung declared the meeting adjourned at 11:12a.m.

The next full meeting of the Michigan State Transportation Commission will be held on Wednesday, October 24 2012, in Grand Rapids, Michigan, commencing at 9:00 a.m.

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Frank E. Raha
Commission Advisor

Michigan Department of Transportation

State Transportation Commission

OFFICE MEMORANDUM

DATE: October 16, 2012

TO: State Transportation Commission

FROM: John T. Cotter, C.P.A.
Commission Auditor
Office of Commission Audits

SUBJECT: State Transportation Commission Agenda – Exhibit A
October 25, 2012

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) has reviewed the department's accounts receivable for those entities with agreements listed in Exhibit A. Exhibit A includes entities that owe the department funds in excess of $20,000 for more than 120 days as of October 16, 2012. Attachment 1, the Schedule of Receivables Outstanding, shows the current status of the receivables from those entities.

Also, Guidance Document 10044, *Processing Audit Requests and Auditor's Reports on Contractual Agreements*, provides for the processing by the department of auditor's reports within 120 days of OCA's issuance of the auditor's reports. OCA compared the entities listed in Exhibit A with auditor's reports issued by OCA to the department. As of October 16, 2012, Exhibit A includes an entity having an auditor's report issued by OCA prior to June 27, 2012 that the department has not processed. Attachment 2, the Schedule of Auditor's Reports Outstanding, shows the current status of the auditor's report of the entity.

[Signed Copy on File]

Commission Auditor

Attachments
cc: F. Raha

Office of Commission Audits
Schedule of Receivables Outstanding
Receivables Issued Prior to June 27, 2012
As of October 16, 2012

Entity	Exhibit No(s).	Type of Receivable	Outstanding	Date
County of Macomb	A6	State Infrastructure Bank	$339,208	11/14/2008
		State Infrastructure Bank	$302,359	10/29/2010
		State Infrastructure Bank	$449,006	12/22/2010

Comments:
The loans were made to the Road Commission of Macomb County in the amounts of $477,720; $334,405; and $495,000, respectively. The road commission has since been incorporated into the County of Macomb. The former road commission and county have made all scheduled loan payments on time. The next installments of $50,439; $35,307; and $55,106 will be due on November 14, 2012; October 29, 2012; and December 22, 2012, respectively.

Office of Commission Audits
Schedule of Receivables Outstanding
Receivables Issued Prior to June 27, 2012
As of October 16, 2012

Entity	Exhibit No(s).	Type of Receivable	Outstanding	Date
City of Detroit, Detroit Department of Transportation	A8, A9, A10, A11, A12	Local Progress Billings	$1,921,805	02/02/2012-06/14/2012
		Project Final Settlements	$23,546	03/08/2012-06/22/2012
		Estimated Project Settlement	$4,249	06/07/2012

Comments:

On September 18, 2012, the department's Bureau of Finance and Administration informed the Office of Commission Audits that the department discussed payment of outstanding invoices with the city on September 21, 2012. The city informed the department that it would try to pay the invoices by October 12, 2012. The city paid MDOT $435,547 on September 24, 2012; however, the city did not make a payment on October 12, 2012. Considering new receivables older than 120 days of $1,275,990 since last month's review, the net balance of receivables older than 120 days has increased by $840,443. The department has stated that if the city does not make substantial progress to reduce the amount due to the department, the Bureau of Finance and Administration plans to collect these invoices by making a deduction from the city's Michigan Transportation Fund payment, which is scheduled to be paid by the department to the city on December 3, 2012.

		Extraordinary Damage	$31,733	7/7/2011

Comments:

As noted in these Attachment 1's beginning January 17, 2012, the department's Bureau of Finance and Administration has referred this invoice to the Department of Attorney General for collection.

Attachment 2

Office of Commission Audits
Schedule of Auditor's Reports Outstanding
Auditor's Reports Issued Prior to June 27, 2012
As of October 16, 2012

Entity	Exhibit No.	Auditor's Report	Issued	Recommended Due State/(Due Entity)
Kent County Road Commission	A4	2012-112	5/21/2012	$135,057

Comments:
The road commission disagrees with the audit results, which included fringe benefit rate adjustments to account for differences in the fringe benefits received by seasonal and full time employees. The road commission has requested that the issue be brought to Disputed Audit Review Team (DART). DART plans to schedule a meeting to discuss the audit appeal after the department has determined how to address the road commission's concerns.

EXHIBIT A

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

CONTRACTS

October 25, 2012

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 709, Item 1, Control Section 63082, Parcel 1007, Part A.

The subject property is located in the City of Southfield, Oakland County, Michigan, and contains approximately 34,200 square feet. The property was appraised by Michael Ellis, an independent consultant appraiser, on June 15, 2012, at the amount of $230,000. The sale was approved on December 11, 2008 at the appraised amount per the settlement agreement between the purchaser and MDOT, as mediated by Patrick D. Hanes. MDOT was represented in the mediation by the Attorney General's office. The property was originally approved for sale by Paul Sander, Metro Region Appraisal Supervisor, Development Services Division, on May 1, 2007. The purchaser, Sunset Strip Holding Company, LLC, has submitted an Application to Purchase and Agreement of Sale in the amount of $230,000, per the settlement agreement, for the purpose of remedying an existing encroachment. The property was determined to be excess by the Bureau of Highway Development.

2. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2012-5467) between MDOT and the Chippewa County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), Federal Highway Administration Equity Bonus Funds designated by Act 51 of the Public Acts of 1951 as Transportation Economic Development Category D Funds for Local Agency projects (FHWA Category D Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Reconstruction work along Homestead Road from approximately 3.19 miles south of 8 Mile Road southerly 4.13 miles, including hot mix asphalt paving, machine grading, aggregate base, shoulder, pavement marking, and traffic control work.

Estimated Funds:

State Restricted TED Funds	$ 51,300
FHWA Category D Funds	$102,600
FHWA STP – Rural Funds	$297,500
Chippewa County Road Commission Funds	$ 61,600
Total Funds	$513,000

EDDF 17555 - 105916
Letting of 11/2/2012

3. HIGHWAYS - Participation for Local Agency Force Account Work
Contract (2012-5473) between MDOT and the City of Ann Arbor will provide for funding participation in the following work:

Construction engineering work for the installation of a pedestrian refuge island on Highway I-94 Business Loop (Huron Street) between Thayer Street and Ingalls Street.

Estimated Funds:

Federal Highway Administration Funds	$5,760
State Restricted Trunkline Funds	$ 640
Total Funds	$6,400

HSIP 81072 – 110172; Washtenaw County
Local force account

4. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2012-5491) between MDOT and the Kent County Road Commission will provide for participation in the following improvements:

Tree removal, microsurfacing, and pavement marking work along Fruit Ridge Avenue from 6 Mile Road to 8 Mile Road and along Lincoln Lake Avenue from 5 Mile Road to 6 Mile Road.

Estimated Funds:

Federal Highway Administration Funds	$66,654
Kent County Road Commission Funds	$16,663
Total Funds	$83,317

STH 41609 - 113617
Local Force Account

5. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2012-5493) between MDOT and the Eaton County Road Commission will provide for participation in the following improvements:

Single course chip seal work along Needmore Highway from Moyer Road to Otto Road and along Otto Road from Needmore Highway to Doane Highway.

Estimated Funds:

Federal Highway Administration Funds	$70,935
Eaton County Road Commission Funds	$17,734
Total Funds	$88,669

STL 23045 - 116758
Local Force Account

6. HIGHWAYS - Participation for Local Agency Contract
Contract (2012-5529) between MDOT and the County of Macomb will provide for participation in the following improvements:

Traffic Operations Center work, including general operation, communications, equipment management, and system management work.

Estimated Funds:

Federal Highway Administration Funds	$1,500,000
County of Macomb Funds	$ 213,500
Total Funds	$1,713,500

CMG 50458 - 117607

7. PASSENGER TRANSPORTATION - Section 5309 Capital Program
Project Authorization (18) Revision (2) under Master Agreement (2007-0175) between MDOT and the Benzie Transportation Authority (BTA) will add line items, will reduce state matching funds by $1,190 and add $1,190 in local matching funds, and will adjust funding between the line items. The architectural and engineering work and renovation of the new facility cost less than was anticipated, and the purchase of additional land is no longer needed. As a result, the BTA is requesting permission to adjust funding for the conversion of some of their fleet to operate on liquid propane, the purchase of bike racks, and for the construction of a propane fueling station and a storage building for outdoor equipment. The bike racks require local match as they do not qualify for state matching funds. The original authorization provides state matching funds for BTA's FY 2010 Federal Section 5309 Capital Discretionary Program grant. The authorization term remains unchanged, April 15, 2011, through April 14, 2014. The authorization amount remains unchanged at $1,237,500. The toll credit amount remains unchanged at $10,000. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - $1,000,000; FY 2010 State Restricted Comprehensive Transportation Funds - $236,310; BTA Funds - $1,190.

8. PASSENGER TRANSPORTATION - Section 5307 Capital Program

Project Authorization (9) Revision (3) under Master Agreement (2007-0201) between MDOT and the City of Detroit, Department of Transportation (DDOT) will renew the authorization and extend the authorization term by seven months to provide sufficient time for DDOT to complete the purchase of support vehicles. The additional time is needed because changes made to specifications caused delays in the final review and approval of the project, creating a delay in procurement of the vehicles. The original authorization provides state matching funds for the FY 2008 Section 5307 Urbanized Area Formula Capital Program grant. The revised authorization term will be September 19, 2008, through September 18, 2012, and from the date of award of this revision through May 31, 2013. No costs will be incurred between September 18, 2012, and the date of award of this revision. The authorization amount remains unchanged at $27,586,091. The toll credit amount remains unchanged at $4,989,620. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - $27,058,493; FY 2008 State Restricted Comprehensive Transportation Funds - $527,598.

9. PASSENGER TRANSPORTATION - Section 5307 Program

Project Authorization (16) Revision (1) under Master Agreement (2007-0201) between MDOT and the City of Detroit, Department of Transportation (DDOT) will renew the authorization and extend the authorization term by approximately 11 months to provide sufficient time for DDOT to complete the project. The bike racks have been purchased but cost less than anticipated. As a result, DDOT is requesting permission to use funding and needs additional time to implement a transit enhancement project. The original authorization provides toll credits as state matching funds for DDOT's FY 2009 Federal Section 5307 Urbanized Area Formula Capital Program and Transportation Enhancement Program grant. The revised authorization term will be from September 18, 2009, through September 17, 2012, and from the date of award of this revision through September 17, 2013. No costs will be incurred between September 17, 2012, and the date of award of this revision. The authorization amount remains unchanged at $528,718. The toll credit amount remains unchanged at $105,744. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - $528,718.

10. PASSENGER TRANSPORTATION - Section 5309 Program

Project Authorization (17) Revision (2) under Master Agreement (2007-0201) between MDOT and the City of Detroit, Department of Transportation (DDOT) will renew the authorization and extend the authorization term by approximately 30 months to provide sufficient time for DDOT to complete the fare collection system. The additional time is needed to allow DDOT to continue making payments on the fare collection equipment until the lease is completed in April 2015. The original authorization provides state matching funds for the City's FY 2008 and 2009 Federal Section 5309 Capital Discretionary Program grant. The revised authorization term will be from September 25, 2009, through September 24, 2012, and from the date of award of this revision through April 30, 2015. No costs will be incurred between September 24, 2012, and the date of award of this revision. The authorization amount remains unchanged at $13,735,655. The toll credit amount remains unchanged at $465,576. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - $11,454,100; FY 2009 and FY 2010 State Restricted Comprehensive Transportation Funds - $2,281,555.

11. PASSENGER TRANSPORTATION - Section 5317 Program

Project Authorization (19) Revision (1) under Master Agreement (2007-0201) between MDOT and the City of Detroit, Department of Transportation (DDOT) will renew the authorization and extend the authorization term by approximately 11 months to provide sufficient time for DDOT to complete the projects. The additional time is requested to allow a working group consisting of personnel from DDOT, Federal Transit Administration (FTA), Southeast Michigan Council of Governments, and Community Transportation Association of America to finalize recommendations for DDOT's use of the funds. The original authorization provides state matching funds for the City's FY 2007 Federal Section 5317 New Freedom Program grant. The revised authorization term will be from September 25, 2009, through September 24, 2012, and from the date of award of this revision through September 30, 2013. No costs will be incurred between September 24, 2012, and the date of award of this revision. The authorization amount remains unchanged at $682,574. The toll credit amount remains unchanged at $59,830. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: FTA Funds - $621,385; FY 2009 State Restricted Comprehensive Transportation Funds - $61,189.

12. PASSENGER TRANSPORTATION - Section 5316 Program

Project Authorization (22) Revision (1) under Master Agreement (2007-0201) between MDOT and the City of Detroit, Department of Transportation (DDOT) will renew the authorization and extend the authorization term by approximately 11 months to provide sufficient time for DDOT to complete the projects. The additional time is requested to allow a working group consisting of personnel from DDOT, Federal Transit Administration (FTA), Southeast Michigan Council of Governments, and Community Transportation Association of America to finalize recommendations for DDOT's use of the funds. The original authorization provides state matching funds for DDOT's FY 2007 Federal Section 5316 Job Access and Reverse Commute Program grant. The revised authorization term will be from September 25, 2009, through September 24, 2012, and from the date of award of this revision through September 30, 2013. No costs will be incurred between September 24, 2012, and the date of award of this revision. The authorization amount remains unchanged at $2,014,206. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: FTA Funds - $1,154,438; FY 2009 State Restricted Comprehensive Transportation Funds - $859,768.

13. PASSENGER TRANSPORTATION - Section 5316 Program

Project Authorization (1) Revision (1) under Master Agreement (2012-0179) between MDOT and the Western-Washtenaw Area Value Express (WAVE) will extend the capital purchase portion of the authorization by six months to provide sufficient time for WAVE to complete the vehicle purchase project. The manufacture of a new vehicle has been delayed due to the availability of a chassis. As a result, the new vehicle will not be delivered before the expiration of the authorization. The original authorization provides state matching funds under the FY 2012 Federal Section 5316 Job Access and Reverse Commute Program. The revised authorization term for the vehicle purchase project will be from October 1, 2011, through March 30, 2013. The operating assistance and mobility management project terms remain unchanged from October 1, 2011, through September 30, 2012. The authorization amount remains unchanged at $233,308. 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 - $175,681; FY 2012 State Restricted Comprehensive Transportation Funds - $57,627.

14. *RAIL – Time Extension

Amendatory Contract (2012-0289/A2) between MDOT and the National Railroad Passenger Corporation (Amtrak) will extend the contract term by three months to provide sufficient time for Amtrak to complete the scope of the contract. The original contract provides financial assistance for elements of the rail passenger program, which includes the daily operation of intercity rail passenger service between Port Huron, Lapeer, Flint, Durand, Lansing, Lansing/East Lansing, Battle Creek, Kalamazoo, Dowagiac, and Niles, Michigan, and Chicago, Illinois, and between Grand Rapids, Holland, Bangor, St. Joseph/Benton Harbor, and New Buffalo, Michigan, and Chicago, Illinois. The revised contract term will be October 1, 2011, through December 31, 2012. The contract amount remains unchanged at $8,100,000. Source of Funds: FY 2012 State Restricted Comprehensive Transportation Funds - $8,100,000.

15. *RAIL – Port Authority Operating Assistance

Contract (2013-0022) between MDOT and the Detroit/Wayne County Port Authority (DWCPA) will provide funding to help finance DWCPA's FY 2013 operations. This funding is provided under the provisions of 1978 PA 639 and 2012 PA 200. The contract will be in effect from the date of award through September 30, 2013. The contract amount will be $468,200. Source of Funds: FY 2013 State Restricted Comprehensive Transportation Funds - $468,200.

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 10, 2012.

Respectfully submitted,

Original Signed

Kirk T. Steudle
Director

* Denotes a non-standard contract/amendment

LETTING STATISTICS

OCTOBER 2012

STATE PROJECTS OVERVIEW

For the October 5, 2012, bid letting and at the start of fiscal year 2013, 21 State projects with total engineers' estimates of $23.8 million and total low bid dollars of $22.9 million were let. The average low bid was $1.1 million, and the median of $389.9 thousand. Of the 21 State projects, 5 included warranties with the low bid total of $10.7 million. In comparison to October of 2011 and at the start of fiscal year 2012, 4 State projects were let with a total engineers' estimate of $9.0 million and total low bid dollars of $9.5 million.

There are currently 3 State projects that are TBA.

PROJECTS OVERVIEW

The total number of bids received for the 42 projects let in October was 182 for an average of 4.33 bids per project. Of the 182 bids received, 81 were received for the 21 State projects for an average of 3.86 bids per project. The letting of October 5, 2012, had 11 projects postponed, (1) project withdrawn, and no projects at this time, for which all bids were rejected.

There were 108 contracting companies eligible to submit bids for the October bid letting with 92, or 85.2%, submitting at least one bid. In October of 2011, 96 contracting companies were eligible with 76, or 79.2%, submitting at least one bid.

PROJECT PROJECTIONS

The number of State trunkline projects anticipated to be let during FY 2013 is 313 with a total construction cost estimate of $680.2 million.

For fiscal year 2013 through October, 21 State projects with $23.8 million in total estimates were let representing 6.7% of the total number of projects anticipated to be let and 3.5% of the total cost projection. In comparison to fiscal year 2012 through October of 2011, with 327 as the anticipated number of State trunkline projects to be let and the total engineers' estimates as $735.1 million, the 4 State trunkline projects let in October 2011 represented 1.2% of the total number of projects anticipated for this period, and with the total engineers' estimate of $9.02 million, 1.2% was the projected construction cost.

Leading up to and including the October 5, 2012, bid letting, 70.0% of 30 State projects anticipated for this period were let, and represented 61.9% of the $38.4 million projected construction cost estimate. For this same period through October of 2011, 12.1% of the 33 State projects anticipated for this period were let, and represented 21.5% of the $41.9 million projected construction cost estimate.

UPCOMING LETTING STATS

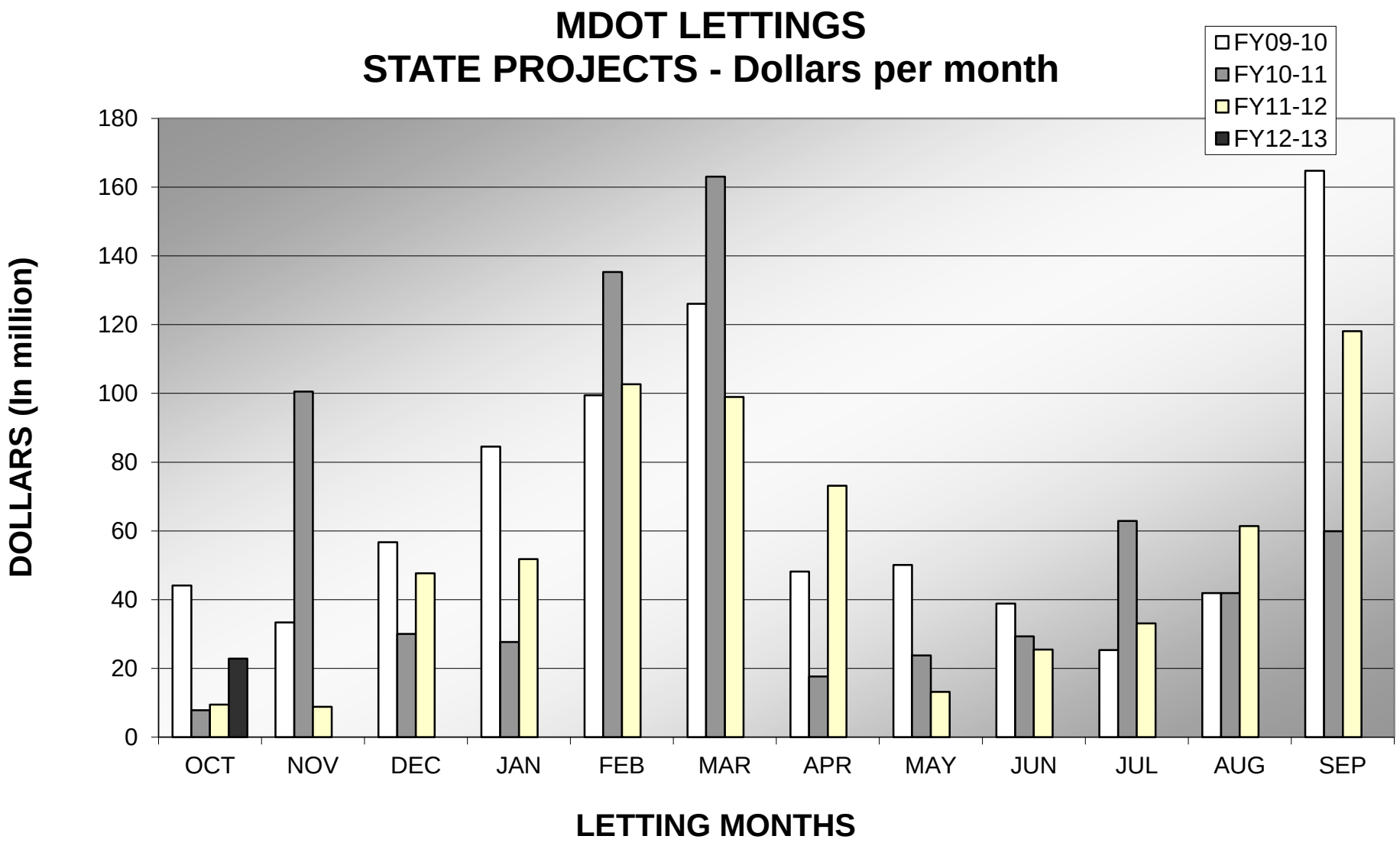
For the November 2, 2012, bid letting, 34 State projects are currently advertised with total engineers' estimates of $89.7 million. Of the 34 State projects, 16 include warranties with a total engineers' estimate of $60.6 million. In addition to the State projects advertised for November 2, 29 Local projects with a total engineers' estimate of $22.8 million and (1) Aeronautics project with an engineer estimate of $52.0 thousand are scheduled to be let. A November 30, Special Bid Letting, is scheduled. There are currently no projects advertised for this letting.

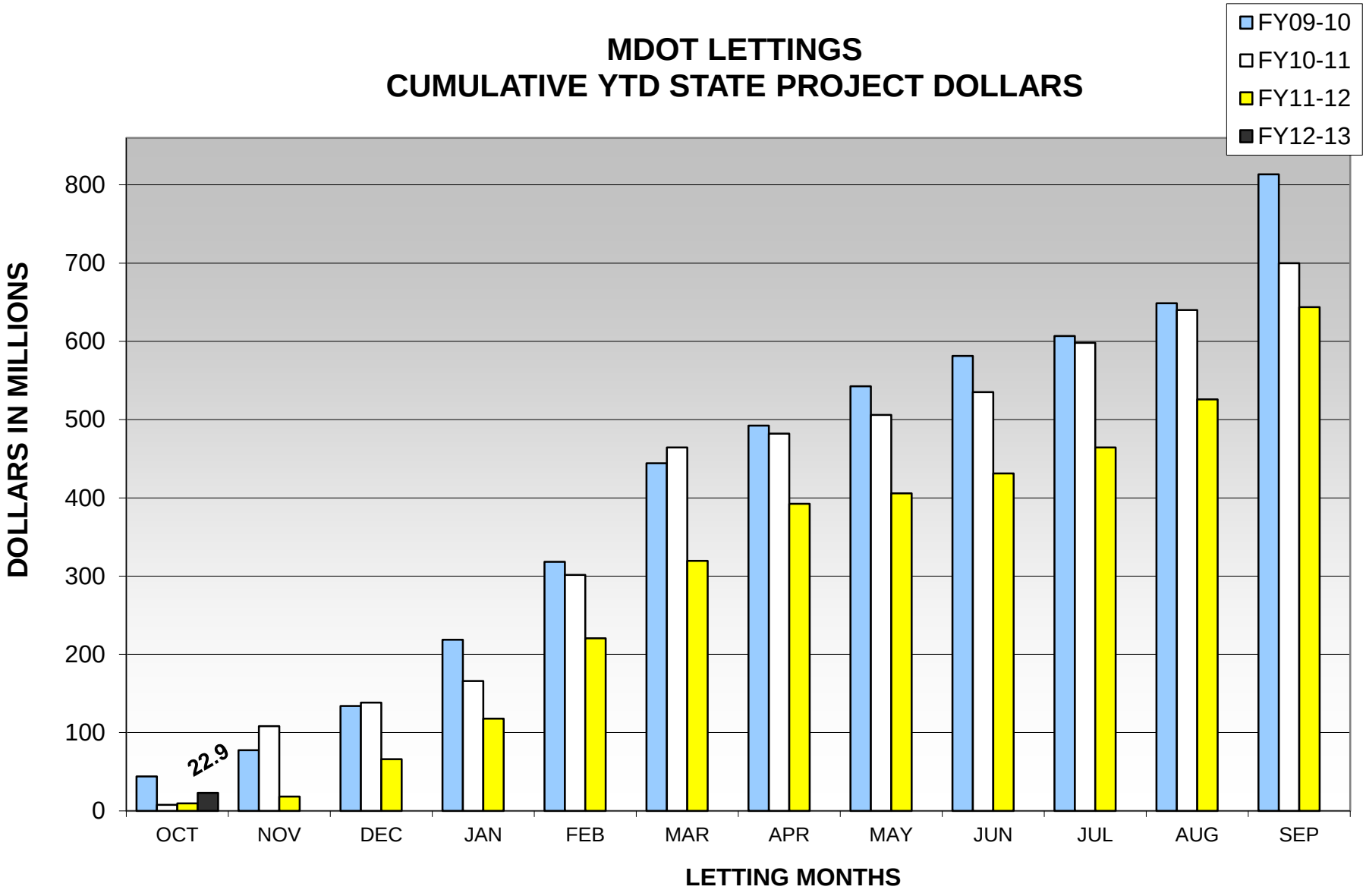
SUMMARY OF THE OCTOBER 5, 2012, BID LETTING

STATISTICS	PROJECT AREA				
	STATE	LOCAL	AERO	RAILROAD	TOTALS
Project Report					
Number of Projects Let	21	20	1	0	42
Engineer Estimates of Projects Let	23,752,200.03	9,568,991.50	69,422.00	0.00	$33,390,613.53
Low Bid Report					
Low Bid Totals	22,875,002.95	9,417,393.10	63,120.00	0.00	$32,355,516.05
% over/under eng. est. of projects let	-3.69%	-1.58%	-9.08%	0.00%	-3.10%
All Bid Rejection Report					
All Bid Rejection(s)	0	0	0	0	0
All Bid Rejection(s) Engineer's Estimate	0.00	0.00	0.00	0.00	$0.00
All Bid Rejection(s) Low Bid Amount	0.00	0.00	0.00	0.00	$0.00
% over/under eng. est. of projects all bids rejected	0.00%	0.00%	0.00%	0.00%	0.00%
TBA Report - Low Bids Pending					
Number of TBAs	3	5	0	0	8
Engineer Estimates	5,558,117.17	3,758,864.67	0.00	$0.00	$9,316,981.84
Low Bid Amounts	6,114,695.68	4,092,037.69	$0.00	$0.00	$10,206,733.37
% over/under engineer's estimate of TBA items	10.01%	8.86%	0.0%	0.0%	9.55%
Bidder (Bids) Report					
Number of Bids Received	81	98	3	0	182
Bids Received - All Bids Rejected	0	0	0	0	0
Average # of Bidders per Project	3.86	4.90	3.00	0.00	4.33

UPCOMING LETTING PROJECTIONS:

Letting of November 2, 2012	State	Local	Aero	F.S.	Totals
# of proj. advertised (Includes postponed re-advertised)	34	29	1	0	64
# of projects with warranties	16	0	0	0	16
$ Eng. Est. of projects advertised (In miles converted-thousand)	$89.7	$22.8	$0.05	$0.0	$112.5
$ Eng. Est. of warranty projects (In miles converted-thousand)	$60.6	$0.0	$0.0	$0.0	$60.6


MDOT LETTINGS
STATE PROJECTS - Dollars per month
FY09-10
FY10-11
FY11-12
FY12-13
DOLLARS (In million)
180
160
140
120
100
80
60
40
20
0
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
LETTING MONTHS


MDOT LETTINGS
CUMULATIVE YTD STATE PROJECT DOLLARS
FY09-10
FY10-11
FY11-12
FY12-13
DOLLARS IN MILLIONS
0
100
200
300
400
500
600
700
800
22.9
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
LETTING MONTHS

AVERAGE NUMBER OF BIDDERS
OCTOBER 2010 through OCTOBER 2012

PROJECTS BY NUMBER OF BIDS PER REGION

OCTOBER 5, 2012, BID LETTING

REGION	PROJECTS 1 BID	PROJECTS 2 BIDS	PROJECTS 3 BIDS	PROJECTS 4 BIDS	PROJECTS 5 BIDS	PROJECTS 6 BIDS	PROJECTS 7 BIDS	PROJECTS 8 BIDS	PROJECTS 9 BIDS	PROJECTS =>10 BIDS	TOTALS BY REGION
BAY				3	1		1		2	1	**8**
GRAND		2					1	1			**4**
METRO		1			1				1		**3**
NORTH		3	3								**6**
SOUTHWEST		3	2			1					**6**
SUPERIOR	2	3	2	1							**8**
UNIVERSITY	1	1		2						2	**6**
AERO			1								**1**
NUMBER OF BIDS ON PROJECTS	**3**	**13**	**8**	**6**	**2**	**1**	**2**	**1**	**3**	**3**	**42**

REQUEST FOR MICHIGAN STATE TRANSPORTATION COMMISSION APPROVAL

BID LETTING PRE-APPROVAL

October 25, 2012

The following contracts are being submitted for approval.

STATE PROJECTS

1. TARGET DATE: November 1, 2012
PROJECT: 73112-105176
START DATE – 10 days after award
COMPLETION DATE – 04/15/2015

PREQUALIFICATION LEVEL
$33,000,000.00

Replacement of all pier, abutment and expansion joint bearings, bridge deck latex overlay patching, bridge deck healer sealer application, railing repairs and replacement, and light standard, conduit and cable replacement on the Zilwaukee bridge (I-75 mainline over the Saginaw River, and H-Ramp, B03-73112-2, B03-73112-3 & B03-73112-8), Saginaw County.

0.00% DBE Requirements

Note: This is a Construction Manager/General Contractor (CM/GC) project, and is proposed to be split into two separate authorizations, GMP1 and GMP2. Guaranteed Maximum Price Proposal 1 (GMP1) includes authorization for the high capacity, multi-rotational bearing assemblies and installation hardware for the Zilwaukee bridge, which are considered long lead time items in the overall project due to the fabrication and testing timeframe. Bearing fabrication must begin prior to December 2012 to meet required installation dates starting in April 2013. GMP1 is a materials only authorization, and is limited to $3,500,000.

GMP2 is defined as the base contract, and includes installation of all bearing assemblies, and the overall construction of the project as described above. GMP2 will be negotiated at a later date, but is not to exceed $29,500,000.

2. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211001 $ 20,131,000.00
PROJECT NH 78015-46269
LOCAL AGRMT.
START DATE - FEBRUARY 01, 2013
COMPLETION DATE - DECEMBER 31, 2015

4.85 mi of new hot mix asphalt road construction, culvert, storm sewer, concrete paving, curb and gutter, spillway and sidewalk, guardrail, fence, traffic signals, and new prestressed concrete beam bridge construction on US-131 from Dickenson Road to Garber Road and over the St. Joseph River in the village of Constantine, St. Joseph County.

This project includes a 5 year materials and workmanship pavement warranty.

6.00 % DBE participation required

3. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211002 $ 2,111,000.00
PROJECT NH 39014-111189
LOCAL AGRMT. 12-5466
START DATE - JUNE 03, 2013
COMPLETION DATE - NOVEMBER 01, 2013

Deep concrete overlay, deck joint replacements, sidewalk addition, bridge railing replacement, pin and hanger replacement, cleaning and coating of structural steel, and substructure repair on US-131 under M-43, Kalamazoo County. This project includes a 2 year bridge painting warranty.

4.00 % DBE participation required

4. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211010 $ 973,000.00
PROJECT EBSL 41043-109763
LOCAL AGRMT.
START DATE - 10 days after award
COMPLETION DATE - OCTOBER 07, 2013

1.22 mi of hot mix asphalt cold milling and resurfacing, detail 8 joint and crack repairs, and minor curb and gutter replacement on M-21 from east of Grand River Drive easterly to west of the Grand River, Kent County.

3.00 % DBE participation required

5. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211011 $ 813,000.00
PROJECT STG 84912-111573
LOCAL AGRMT.
START DATE - JUNE 10, 2013
COMPLETION DATE - AUGUST 23, 2013

Traffic signal modernizations at 13 locations on M-68, Old US-27, US-23, US-31, M-32, M-33, M-55, I-75BL, and M-72, Cheboygan, Emmet, Iosco, Montmorency, Ogemaw, Oscoda, Presque Isle, and Roscommon Counties.

0.00 % DBE participation required

6. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211012 $ 759,000.00
PROJECT HSIP 50112-110574
LOCAL AGRMT.
START DATE - 10 days after award
COMPLETION DATE - JULY 15, 2014

6.10 mi of median cable barrier installation on I-94 from 23 Mile Road (M-29) to County Line Road, Macomb County.

0.00 % DBE participation required

7. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211017 $ 6,636,000.00
PROJECT ST 38061-103308
LOCAL AGRMT.
START DATE - MAY 06, 2013
COMPLETION DATE - MAY 01, 2014

8.40 mi of hot mix asphalt cold milling and resurfacing multi-course overlay, guardrail, slope flattening, drainage upgrades, and pavement marking on M-60 from the east Calhoun County line easterly to Chapel Road in the village of Concord, Jackson County. This project includes a 5 year materials and workmanship pavement warranty.

5.00 % DBE participation required

8. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211018 $ 3,244,000.00
PROJECT STUL 31013-87570, ETC
LOCAL AGRMT. 12-5437
START DATE - 10 days after award
COMPLETION DATE - OCTOBER 26, 2013

0.88 mi of hot mix asphalt roadway reconstruction and rehabilitation, concrete curb and gutter, decorative concrete pavement, sidewalk, historic lighting, drainage improvements, and watermain alterations on M-26 northwesterly from Isle Royale Street to Boundary Street and on Osceola Street from M-26 northerly to the Aspirus Keweenaw Hospital in the village of Laurium, Houghton County. This project includes a 5 year materials and workmanship pavement warranty.

3.00 % DBE participation required

9. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211019 $ 1,848,000.00
PROJECT STT 13022-89938, ETC
LOCAL AGRMT.
START DATE - APRIL 29, 2013
COMPLETION DATE - AUGUST 02, 2013

6.45 mi of hot mix asphalt cold milling, overlay, overband crack fill, double chip seal, concrete curb, gutter and sidewalk ramp, and pavement markings at three locations on M-60 and M-99, Calhoun County. This project includes a 2 year pavement performance warranty and a 3 year materials and workmanship pavement warranty.

4.00 % DBE participation required

10. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211023 $ 4,680,000.00
PROJECT CMG 50111-110938
LOCAL AGRMT.
START DATE - 10 days after award
COMPLETION DATE - SEPTEMBER 18, 2015

47.00 mi of ITS conduit and fiber optic cable installation on M-10, I-75, and I-94, Macomb, St. Clair, and Wayne Counties.

3.00 % DBE participation required

11. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211035 $ 4,245,000.00
PROJECT NH 09032-103209
LOCAL AGRMT. 12-5422
START DATE - MARCH 15, 2013
COMPLETION DATE - SEPTEMBER 19, 2015

0.93 mi of hot mix asphalt surfacing, curb and gutter, storm and sanitary sewer replacement, watermain replacement, traffic signal and railroad crossing improvements, sidewalk replacement, permanent signing upgrades, and pavement markings on M-13/M-84 from west of Euclid Avenue easterly in the city of Bay City, Bay County. This project includes a 5 year materials and workmanship pavement warranty.

6.00 % DBE participation required

12. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211037 $ 8,224,000.00
PROJECT NH 79081-86950, ETC
LOCAL AGRMT.
START DATE - APRIL 15, 2013
COMPLETION DATE - SEPTEMBER 09, 2013

10.90 mi of hot mix asphalt cold milling and resurfacing, joint repairs, shoulder widening, drainage improvements, guardrail, and safety upgrades on M-25 from west of the Bay/Tuscola county line northeasterly to Dickerson Road and from Dickerson Road to east of the Bay Park Road intersection, Bay and Tuscola Counties.

5.00 % DBE participation required

13. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211038 $ 6,639,000.00
PROJECT CM 41131-109687, ETC
LOCAL AGRMT. 10-5484
START DATE - APRIL 15, 2013
COMPLETION DATE - SEPTEMBER 25, 2013

2.50 mi of concrete weave/merge lane, full-depth pavement repairs, curb and gutter, sidewalk, barrier and glare screen, guardrail, fence, deck replacement on 2 structures, and joint repairs on 1 structure on US-131 northbound from the Leonard Street on-ramp northerly to the Ann Street off-ramp and over Richmond Street, over Mill Creek/Grand Rapids Eastern Railroad, and over Ann Street in the city of Grand Rapids, Kent County. This project includes a 5 year materials and workmanship pavement warranty.

6.00 % DBE participation required

14. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211039 $ 7,755,000.00
PROJECT STT 11021-45662
LOCAL AGRMT.
START DATE - APRIL 01, 2013
COMPLETION DATE - SEPTEMBER 13, 2013

1.64 mi of hot mix asphalt pavement reconstruction, guardrail replacement, drainage work, and culvert replacement for Squaw Creek on US-12 from the turn at Red Arrow Highway to the South Branch of the Galien River, Berrien County. This project includes a 5 year materials and workmanship pavement warranty.

4.00 % DBE participation required

15. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211040 $ 912,000.00
PROJECT STT 26021-115807
LOCAL AGRMT.
START DATE - JULY 09, 2013
COMPLETION DATE - AUGUST 28, 2013

4.92 mi of hot mix asphalt cold milling, centerline corrugations, concrete curb and gutter, guardrail, and resurfacing on M-61 from the west county line easterly to M-18, Gladwin County. This project includes a 3 year materials and workmanship pavement warranty.

A 2013 highway preventive maintenance project.

5.00 % DBE participation required

16. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211051 $ 1,265,000.00
PROJECT NH 29011-115806
LOCAL AGRMT.
START DATE - JUNE 03, 2013
COMPLETION DATE - JULY 26, 2013

3.46 mi of cold milling, hot mix asphalt overlay travel lanes, concrete joint repairs, chip seal shoulders, and drainage improvements on US-127 from south of the Gratiot County line to south of M-57, Gratiot County. This project includes a 3 year materials and workmanship pavement warranty.

A 2013 highway preventive maintenance project.

5.00 % DBE participation required

17. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211054 $ 874,000.00
PROJECT STT 73051-116063
LOCAL AGRMT.
START DATE - MAY 13, 2013
COMPLETION DATE - JUNE 21, 2013

8.38 mi of microsurfacing, guardrail upgrades, and centerline corrugations on M-13 northbound from M-57 northerly to Fry Road, Saginaw County. This project includes a 2 year pavement performance warranty.

A 2013 highway preventive maintenance project.

0.00 % DBE participation required

18. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211056 $ 1,214,000.00
PROJECT STT 27022-113857
LOCAL AGRMT.
START DATE - MAY 28, 2013
COMPLETION DATE - JULY 26, 2013

7.53 mi of hot mix asphalt cold milling and resurfacing, shoulder double chip seal, and approach paving on US-2 from Great Lakes Road easterly to Marenisco, Gogebic County. This project includes a 3 year materials and workmanship pavement warranty and a 2 year pavement performance warranty.

A 2013 highway preventive maintenance project.

0.00 % DBE participation required

LOCAL PROJECTS

19. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211003 $ 581,000.00
PROJECT STH 03609-113567
LOCAL AGRMT. 12-5465
START DATE - 10 days after award
COMPLETION DATE - JUNE 28, 2013

1.69 mi of hot mix asphalt paving, shoulders, trenching, pavement marking, shoulder corrugations, and clearing on 102nd Avenue from 66th Street to 54th Street and from 24th Street to 21st Street, Allegan County.

3.00 % DBE participation required

20. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211004 $ 569,000.00
PROJECT BRO 47002-112406
LOCAL AGRMT. 12-5478
START DATE - 10 days after award
COMPLETION DATE - MAY 30, 2013

Bridge removal and replacement with 12-inch prestressed concrete box beams and approach work on West Layton Road over East Branch of the Red Cedar River Drain, Livingston County.

5.00 % DBE participation required

21. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211005 $ 509,000.00
PROJECT EDDF 17555-105916
LOCAL AGRMT. 12-5467
START DATE - 10 days after award
COMPLETION DATE - JUNE 28, 2013

4.13 mi of hot mix asphalt paving, machine grading, aggregate base, shoulders, pavement marking, and traffic control on Homestead Road south of 8 Mile Road, Chippewa County.

3.00 % DBE participation required

22. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211009 $ 3,768,000.00
PROJECT BRT 77009-108895, ETC
LOCAL AGRMT. 12-5468
START DATE - 10 days after award
COMPLETION DATE - NOVEMBER 01, 2013

0.17 mi of hot mix asphalt reconstruction, storm sewer, concrete curb and gutter, sidewalk, and ramp, bridge removal and replacement with concrete box beams, guardrail placement, hot mix asphalt paving, and traffic control on South Belle River Avenue from Chartier Road to Carroll Street and on Bridge Street over Belle River in the city of Marine City, St. Clair County.

7.00 % DBE participation required

23. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211024 $ 2,340,000.00
PROJECT STUL 39405-108261
LOCAL AGRMT. 12-5498
START DATE - APRIL 01, 2013
COMPLETION DATE - JUNE 27, 2014

0.87 mi of hot mix asphalt paving, drainage improvements, storm sewer, concrete curb, gutter, sidewalk and ramps, traffic signal improvements, watermain, and sanitary sewer on River Reach Boulevard from Riverview Drive northerly to G Avenue in the city of Parchment, Kalamazoo County.

5.00 % DBE participation required

24. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211025 $ 2,231,000.00
PROJECT MCS 70013-108888
LOCAL AGRMT. 12-5485
START DATE - MARCH 04, 2013
COMPLETION DATE - JUNE 28, 2013

Removal of existing bridge portions, superstructure and riprap replacement, approach work, and maintaining traffic on West Spring Lake Road over Cornelius Bayou, Ottawa County.

0.00 % DBE participation required

25. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211026 $ 2,172,000.00
PROJECT STU 82457-116948
LOCAL AGRMT. 12-5511
START DATE - APRIL 15, 2013
COMPLETION DATE - 75 working days

1.50 mi of hot mix asphalt cold milling and resurfacing, concrete repair, curb, sidewalk, ramps, and pavement markings on Seven Mile Road from Lahser Road east to Warwick Street in the city of Detroit, Wayne County.

4.00 % DBE participation required

26. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211027 $ 762,000.00
PROJECT STU 63459-117383
LOCAL AGRMT. 12-5499
START DATE - APRIL 16, 2013
COMPLETION DATE - JULY 10, 2013

0.53 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, curb, gutter, sidewalk and ramps, drainage improvements, and signal upgrades on Coolidge Highway from Webster Road north to Woodward Avenue in the cities of Royal Oak, Clawson and Berkley, Oakland County.

5.00 % DBE participation required

27. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211028 $ 698,000.00
PROJECT STU 82457-117567
LOCAL AGRMT. 12-5513
START DATE - 10 days after award
COMPLETION DATE - 25 working days

0.50 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb, gutter, sidewalk and ramps, and pavement markings on Greenfield Road from Joy Road to West Chicago Road in the city of Detroit, Wayne County.

5.00 % DBE participation required

28. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211029 $ 689,000.00
PROJECT CMG 63192-115006
LOCAL AGRMT. 12-5504
START DATE - 10 days after award
COMPLETION DATE - JUNE 06, 2013

0.89 mi of traffic signal upgrades and concrete curb, gutter and ramps on Maple Road from St. Thomas Church to Maple Creek Boulevard, on Pontiac Trail from Villa Drive to Ladd Road, and on 10 Mile Road at Milford Road in the cities of Walled Lake and Novi, Oakland County.

0.00 % DBE participation required

29. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211034 $ 647,000.00
PROJECT FFH 35000-117737
LOCAL AGRMT. 12-5510
START DATE - 10 days after award
COMPLETION DATE - JUNE 30, 2013

2.35 mi of hot mix asphalt base crushing, shaping, and paving, aggregate base, ditching, embankment, pavement marking, slope restoration, and traffic control on Monument Road from north of Silver Creek to south of Shellenbarger Road, Iosco County.

5.00 % DBE participation required

30. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211042 $ 1,253,000.00
PROJECT STU 82457-117568
LOCAL AGRMT. 12-5516
START DATE - APRIL 15, 2013
COMPLETION DATE - 45 working days

0.99 mi of hot mix asphalt cold milling and surfacing, concrete pavement repair, sidewalk ramps, permanent signing, pavement markings, and traffic signal on Middle Belt Road from Seven Mile Road to Base Line Road (Eight Mile Road) in the city of Livonia, Wayne County.

3.00 % DBE participation required

31. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211043 $ 906,000.00
PROJECT STU 82457-116679
LOCAL AGRMT. 12-5440
START DATE - APRIL 15, 2013
COMPLETION DATE - JULY 31, 2013

1.30 mi of hot mix asphalt resurfacing, joint repair, concrete pavement, curb, gutter, sidewalk and ramps, and pavement markings on Annapolis Street from Elizabeth Street to Venoy Road in the city of Wayne, Wayne County.

7.00 % DBE participation required

32. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211044 $ 833,000.00
PROJECT CMG 39405-115643, ETC
LOCAL AGRMT. 12-5523
START DATE - APRIL 15, 2013
COMPLETION DATE - AUGUST 24, 2013

9.24 mi of traffic signal upgrades at 7 intersections and traffic operations center improvements on Portage Road from Fairfield Street to Bacon Avenue and on East Centre Avenue from Angling Road to Portage Road in the city of Portage, Kalamazoo County.

0.00 % DBE participation required

33. LETTING OF NOVEMBER 02, 2012 PREQUALIFICATION LEVEL
PROPOSAL 1211052 $ 648,000.00
PROJECT STU 41400-115134
LOCAL AGRMT. 12-5518
START DATE - 10 days after award
COMPLETION DATE - JUNE 30, 2013

1.96 mi of hot mix asphalt cold milling, base crushing, shaping, and surfacing, sidewalk ramps, guardrail, and pavement markings on 84th Street from Division Avenue to Kalamazoo Avenue, Kent County.

3.00 % DBE participation required

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of October 10, 2012.

Respectfully submitted,

Original signed

Kirk T. Steudle
Director

MDOT
Michigan Department of Transportation
State Transportation Commission

OFFICE MEMORANDUM

DATE: October 16, 2012

TO: State Transportation Commission

FROM: John T. Cotter, C.P.A.
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.

"Original Signed Copy on File"

Commission Auditor

Attachment
C: F. Raha

MDOT
Michigan Department of Transportation

OFFICE MEMORANDUM

DATE: October 15, 2012

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: October 5, 2012
Project Description: 0.72 mi of hot mix asphalt and resurfacing, concrete pavement removal and repair, sidewalk and ramps, pavement markings, and water main on Cherry Hill Road from Gulley Road east to Telegraph Road in the city of Dearborn, Wayne County
Project Number: 82457-115427
Item Number: 1210 011
Low Bidder: Dan's Excavating, Inc.

Eng. Est: $1,515,790.25 Low Bid: $1,729,657.80 Difference: $213,867.55 Percent: 14.11

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

Engineer's Estimate	$1,515,790.25
Dan's Excavating, Inc.	$1,729,657.80
T. R. Pieprzak Co.	$1,782,298.39
DiPonio Contracting, Inc.	$1,882,367.82
Zito Construction	$1,926,310.25
Raymond Excavating Company	$1,929,176.16
Florence Cement Company	$1,932,777.20
Pamar Enterprises, Inc.	$2,033,347.92
Angelo Iafrate Construction Company	$2,083,696.87
C & D Hughes, Inc.	$2,197,118.05

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 concrete pavement with integral curb, the maintaining traffic items and the restoration items. The concrete and maintaining traffic items were bid higher than normal because of the construction sequence outlined in the progress clause restricts the contractor's options for staging. The progress clause calls for moving traffic control devices numerous times and only

provides a short window for constructing the concrete pavement. The restoration items were bid higher than expected because of the water main work which requires work in homeowner's lawns to install water services. The increased price is due to the relatively unknown amount of restoration and construction activity related to this work. 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 rigid progress clause and working in a neighborhood environment. This project received nine bids ranging from $1,729,657.80 to $2,197,118.05. The lowest two bids varied by 3.04 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 city of Dearborn 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:LFS:KK

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	A. Penzenstadler
	A. Zokvic	T. Kratofil	M. Shulick		

MDOT
Michigan Department of Transportation

OFFICE MEMORANDUM

DATE: October 16, 2012

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: October 5, 2012
Project Description: 0.27 mi of hot mix asphalt removal and resurface, aggregate base, concrete curb, gutter, sidewalk and ramps, signing, pavement markings, watermain, and sanitary sewer on 13th Street from 26th Avenue north to 30th Avenue in the city of Menominee, Menominee County.
Project Number: 55109-114396
Item Number: 1210 022
Low Bidder: Barley Trucking & Excavating, Inc.

Eng. Est: $582,033.95 Low Bid: $642,802.93 Difference: $60,768.98 Percent: 10.44

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

Engineer's Estimate	$582,033.95
Barley Trucking & Excavating, Inc.	$642,802.93
James Peterson Sons, Inc.	$698,591.83
Bacco Construction Company	$780,379.40

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 hot mix asphalt items. There was very limited bid history in this part of the state for the types of mixes. The local agency engineers used past project bid history for similar items, and did make some additional adjustments to the unit prices to account for future costs, given that this job will be constructed in 2013. However the final estimated cost was still lower than all bid unit costs for these items.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because the estimated unit prices for the hot mix asphalt items were too low based on little bid history. This project received three bids ranging from $642,802.93 to $780,379.40. The lowest two bids varied by 8.68 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 city of Menominee 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:LFS:KK

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	D. Kari	R. VanPortfliet		

EXHIBIT A-2

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL

LETTING EXCEPTIONS AGENDA

October 25, 2012

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

LOCAL PROJECTS

1. LETTING OF OCTOBER 05, 2012
PROPOSAL 1210011
PROJECT STU 82457-115427
LOCAL AGRMT. 12-5407
START DATE - JUNE 03, 2013
COMPLETION DATE - AUGUST 23, 2013

	ENG. EST.	LOW BID
	$ 1,515,790.25	**$ 1,729,657.80**
		% OVER/UNDER EST.
		14.11 %

0.72 mi of hot mix asphalt and resurfacing, concrete pavement removal and repair, sidewalk and ramps, pavement markings, and watermain on Cherry Hill Road from Gulley Road east to Telegraph Road in the city of Dearborn, Wayne County.

4.00 % DBE participation required

BIDDER	AS-SUBMITTED	AS-CHECKED	
Dan's Excavating, Inc.	**$ 1,729,657.80**	**Same**	**1 ****
T. R. Pieprzak Co.	$ 1,782,298.39	Same	2
DiPonio Contracting, Inc.	$ 1,882,367.82	Same	3
Zito Construction	$ 1,926,310.25	Same	4
Raymond Excavating Company	$ 1,929,176.16	Same	5
Florence Cement Company	$ 1,932,777.20	Same	6
Pamar Enterprises, Inc.	$ 2,033,347.92	Same	7
Angelo Iafrate Construction Company	$ 2,083,696.87	Same	8
C & D Hughes, Inc.	$ 2,197,118.05	Same	9
Ajax Paving Industries, Inc.			

9 Bidders

2. LETTING OF OCTOBER 05, 2012
PROPOSAL 1210022
PROJECT STUL 55109-114396
LOCAL AGRMT. 12-5447
START DATE - 10 days after award
COMPLETION DATE - SEPTEMBER 23, 2013

	ENG. EST.	LOW BID
	$ 582,033.95	**$ 642,802.93**
		% OVER/UNDER EST.
		10.44 %

0.27 mi of hot mix asphalt removal and resurfacing,aggregate base, concrete curb, gutter, sidewalk and ramps,signing, pavement markings, watermain, and sanitary sewer on 13th Street from 26th Avenue north to 30th Avenue in the city of Menominee, Menominee County.

2.00 % DBE participation required

BIDDER	AS-SUBMITTED	AS-CHECKED	
Barley Trucking & Excavating, Inc.	**$ 642,802.93**	**Same**	**1 ****
James Peterson Sons, Inc.	$ 698,591.83	Same	2
Bacco Construction Company	$ 780,379.40	Same	3
Hebert Construction Co.			
A. Lindberg & Sons, Inc.			
Oberstar Inc.			

3 Bidders

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of October 10, 2012.

Respectfully submitted,

Original signed

Kirk T. Steudle
Director

INFORMATION FOR MICHIGAN STATE
TRANSPORTATION COMMISSION

October 25, 2012

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

STATE PROJECTS

1. LETTING OF OCTOBER 05, 2012
PROPOSAL 1210010
PROJECT STG 84911-117209
LOCAL AGRMT.
START DATE - 10 days after award
COMPLETION DATE - NOVEMBER 02, 2013

ENG. EST. $ 230,391.71
LOW BID **$ 247,879.80**
% OVER/UNDER EST. 7.59 %

Special pavement markings on various trunkline routes, Delta, Dickinson, Gogebic, Iron, Mackinac, Menominee, and Schoolcraft Counties.

0.00 % DBE participation required

BIDDER	AS-SUBMITTED	AS-CHECKED	
P.K. Contracting, Inc.	**$ 247,879.80**	**Same**	**1 ****
R. S. Contracting, Inc.			

1 Bidder

2. LETTING OF OCTOBER 05, 2012
PROPOSAL 1210047
PROJECT STE 52042-117151
LOCAL AGRMT. 12-5457
START DATE - 10 days after award
COMPLETION DATE - JUNE 14, 2013

ENG. EST. $ 240,860.59
LOW BID **$ 249,861.00**
% OVER/UNDER EST. 3.74 %

0.09 mi of hot mix asphalt multi-use path and timber deck construction on abandoned railroad at US-41/M-28 over the Carp River in the city of Marquette, Marquette County.

3.00 % DBE participation required

BIDDER	AS-SUBMITTED	AS-CHECKED	
A. Lindberg & Sons, Inc.	**$ 249,861.00**	**Same**	**1 ****
Hebert Construction Co.			
J. Slagter & Son Construction Co.			
Oberstar Inc.			
Bacco Construction Company			

1 Bidder

LOCAL PROJECTS

3. LETTING OF OCTOBER 05, 2012
PROPOSAL 1210021
PROJECT STUL 38409-117102
LOCAL AGRMT. 12-5453
START DATE - MAY 16, 2013
COMPLETION DATE - 30 calendar days

	ENG. EST.	LOW BID
	$ 18,988.00	**$ 19,438.50**
		% OVER/UNDER EST.
		2.37 %

0.06 mi of concrete curb and gutter, and pavement markings on Wildwood Avenue at Michigan Avenue, Jackson County.

0.00 % DBE participation required

BIDDER	AS-SUBMITTED	AS-CHECKED	
P.K. Contracting, Inc.	**$ 19,438.50**	**Same**	**1 ****

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 10, 2012.

Respectfully submitted,

Original signed

Kirk T. Steudle
Director

EXHIBIT B

DEPARTMENT PROJECTS Items to the Commission - October 25, 2012										
ITEM NO.	CONTRACT ID	PREVIOUSLY BEFORE COMMISSION	ENGINEER'S ESTIMATE	ORIGINAL CONTRACT COST	REVISIONS APPROVED TO DATE	EXTRAS AND ADJUSTMENTS APPROVED TO DATE	NEGATIVE ADJUSTMENTS	CURRENT REQUEST AMOUNT	TOTAL COST TO DATE INCLUDING CURRENT REQUEST	REASON FOR REVIEW *
2012-72	70114-86168B2	NO	$234,300.00	$205,607.50	$26,307.40	$0.00	$0.00	$0.00	$231,914.90	Exceeds 10%
2012-75	23061-M61267	NO	$218,989.82	$188,505.11	$22,674.00	$0.00	$0.00	$0.00	$211,179.11	Exceeds 10%
2012-76	47066-109174-4	NO	$884,452.13	$1,160,269.37	$354,488.85	$0.00	$0.00	$0.00	$1,514,758.22	Exceeds 10%
2012-77	81103-105659	NO	$429,262.03	$384,994.91	$42,361.07	$0.00	$0.00	$0.00	$427,355.98	Exceeds 10%
	TOTAL		$1,767,003.98	$1,939,376.89	$445,831.32	$0.00	$0.00	$0.00	$2,385,208.21	----------

2012-72

Control Section/Job Number:	70114-86168B2	MDOT Project
Contractor:	Pitsch Wrecking Company 675 Richmond, N.W. Grand Rapids, MI 49504	
Designed By:	MDOT	
Engineer's Estimate:	$234,300.00	

Description of Project:
Demolition of Department-owned real estate located in Robinson and Crockery Townships, Ottawa County.

Administrative Board Approval Date:	September 15, 2011	
Contract Date:	October 3, 2011	
Original Contract Amount:	$205,607.50	
Total of Contract Revisions (Approved to Date):	26,307.40	+ 12.79%
Revised Total	$231,914.90	12.79%

Contract Modification Number(s): 3 & 4

These contract modifications request payment for the following Extra(s)/Adjustment(s) to the contract:

CM 3

Asbestos, Rem and Disposal, Non-friable	275.00 Ft @ $0.10/Ft	$27.50
Demolition, Outbuilding, Medium	1.00 Ea @ $100.00/Ea	100.00
Demolition, Outbuilding, Small	6.00 Ea @ $100.00/Ea	600.00
Demolition, Residential, Small	1.00 Ea @ $8,420.00/Ea	8,420.00
Septic, Pump out and Rem	1.00 Ea @ $1,000.00/Ea	1,000.00
Total		**$10,147.50**

CM 4

Abandon Well, Seal	1.00 Ea @ $1,000.00/Ea	$1,000.00
_Debris Removal, Special (Parcel 347)	1.00 Ea @ $3,500.00/Ea	3,500.00
Total		**$4,500.00**

Reason(s) for Extra(s)/Adjustment(s):

This contract was established to demolish nineteen (19) residential parcels along the proposed M-231. At the time of design and letting, very few of those homes were fully owned by the MDOT and/or they had not yet been cleared for demolition due to pending asbestos inspections, utilities, etc., and therefore all quantities were estimated. As the project progressed, several parcels were added, while others were deleted in the interest of moving the M-231 project forward, while in no way adjusting the scope of the project's original intent. As is common on all demolition contracts, payment for each parcel was based on individual items encompassing the quantity, size, and type of structures and other improvements on that parcel.

CM 3

This contract modification includes an itemized list of original bid items required to facilitate demolition of the home located at 16622 120th Avenue, which was not yet owned by the MDOT at the time of design. These items totaled $10,147.50. Whether this parcel was included on the original contract or was added to the contract later as it ultimately was has no bearing on who would ultimately pay for the work, or for that matter, what the cost would be. The engineer cannot add locations (more work) without compensating the contractor to perform the work. In this instance, all items were increases of original bid items, at original bid unit prices, as is standard procedure.

CM 4

This contract modification is similar to CM #3 in that it adds an additional parcel to the contract. In the case of the Abandon Well, Seal item, an original item was simply increased by 1 to compensate the contractor for their work involved in abandoning an additional well located on the parcel. The item increase simply covers the removal of one more well instead of an estimated 22 wells on the contract, the onsite crews actually located a 23rd well, which also required removal, and therefore, the required removal item was posted and is now being balanced up. The item "Debris Removal, Special (Parcel 347)" was created to include the removal of a woodshed, multiple dog houses, landscaping materials, lumber cuttings, burn pile debris, restoration of disturbed areas, as well as the removal and/or clean-up of all other miscellaneous or incidental debris located on the east half of the parcel as delineated by the MDOT Right of Way stakes currently in place through the approximate center of the parcel. Although the west half of the parcel may be accessed for the purposes of completing the required work on the east half of the parcel, no removals of any kind shall occur on the west half of the parcel. Any damage to the west half of the parcel shall be repaired (including restoration of disturbed soil) at the contractor's cost. The addition of this parcel is not expected to impact the final contract completion date.

2012-75

Control Section/Job Number:	23061-M61267	MDOT Project
Contractor:	C & D Hughes, Inc. 3097 Lansing Road Charlotte, MI 48813	
Designed By:	MDOT	
Engineer's Estimate:	$218,989.82	

Description of Project:
26.18 mi of full-depth concrete pavement repairs on I-69 northbound and southbound from the south Eaton county line north to I-96 in the cities of Lansing, Potterville and Charlotte, Eaton County.

Administrative Board Approval Date:	August 3, 2012	
Contract Date:	August 21, 2012	
Original Contract Amount:	$188,505.11	
Total of Contract Revisions (Approved to Date):	22,674.00	+ 12.03%
Revised Total	$211,179.11	+ 12.03%

SUMMARY:

Contract Modification Number(s): 1

This contract modification requests payment for the following Extra(s)/Adjustment(s) to the contract:

CM 1

Geotextile, Separator	157.00 Syd @ $1.00/Syd	$157.00
HMA Surface, Rem	157.00 Syd @ $1.00/Syd	157.00
Joint, Contraction, Cp	78.00 Ft @ $10.00/Ft	780.00
Joint, Contraction, Crg	220.00 Ft @ $6.50/Ft	1,430.00
Lane Tie, Epoxy Anchored	140.00 Ea @ $2.50/Ea	350.00
Pav't Repr, Nonreinf Conc, 10 inch	232.00 Syd @ $62.00/Syd	14,384.00
Pavt Repr, Rem	232.00 Syd @ $21.00/Syd	4,872.00
Saw Cut, Intermediate	272.00 Ft @ $2.00/Ft	544.00
Total		**$22,674.00**

Reason(s) for Extra(s)/Adjustment(s):

CM 1
The contractor was directed to perform additional concrete pavement repair work. A review of the existing concrete pavement on both northbound and southbound I-69 revealed locations of pavement deterioration that would warrant full depth concrete pavement repairs. These additional locations were not present during project scoping, therefore were not included in the contract. This increase was discussed with and available funding was approved by the University Region. All costs are based on original contract unit prices.

2012-76

Control Section/Job Number:	47066-109174-4	MDOT Project
Contractor:	Florence Cement Company, Inc. 12585 Twenty Three Mile Road Shelby Township, MI 48315	
Designed By:	MDOT	
Engineer's Estimate:	$884,452.13	

Description of Project:
8.75 mi of full-depth concrete repairs, epoxy overlays, deck patching, substructure repair, and concrete surface coating on I-96 eastbound and westbound from Wallace Road easterly to M-59 and on 6 structures over Deer Creek, Doan Creek, and over the West and Middle Branches of the Red Cedar River, Ingham and Livingston Counties.

Administrative Board Approval Date:	April 3, 2012	
Contract Date:	April 25, 2012	
Original Contract Amount:	$1,160,269.37	
Total of Contract Revisions (Approved to Date):	354,488.85	+ 33.55%
Revised Total	$1,514,758.22	+ 33.55%

SUMMARY:

Contract Modification Number(s): 3

This contract modification requests payment for the following Extra(s)/Adjustment(s) to the contract:

CM 3

_Concrete, Deck Surface Repair	-47.00 Cyd @ $100.00/Cyd	($4,700.00)
_Epoxy Overlay	-900.00 Syd @ $40.00/Syd	(36,000.00)
_Resealing Bridge Construction Joints	-472.00 Ft @ $1.38/Ft	(651.36)
Aggregate Base, 6 Inch	-938.00 Syd @ $10.95/Syd	(10,271.10)
Hand Chipping, Deep	-145.00 Syd @ $65.00/Syd	(9,425.00)
Hand Chipping, Shallow	-145.00 Syd @ $50.00/Syd	(7,250.00)
_Fill Corrugations	2,110.00 Ft @ $3.70/Ft	7,807.00
_Hand Chipping, Deep, Ovly	290.00 Syd @ $44.00/Syd	12,760.00
Bridge Deck Surface Construction	1,218.00 Syd @ $152.50/Syd	185,745.00
Conc Bridge Deck Ovly	78.00 Cyd @ $430.00/Cyd	33,540.00
Reinforcement, Steel, Epoxy Coated	1,202.00 Lb @ $1.00/Lb	1,202.00
Scarifying	1,218.00 Syd @ $116.00/Syd	141,288.00
Total		**$314,044.54**

Reason(s) for Extra(s)/Adjustment(s):

CM 3
While sounding the decks of these bridges for the proposed chipping and deck patching, the engineer realized the scope of repair had greatly increased from what was originally set up in the

plans. The engineer and the contractor agreed that this was not the appropriate fix for the bridge decks. The engineer and the contractor had concerns over their ability to perform the marked quantity over the allotted contract weekend time frames given in the contract. MDOT changed from the chipping and patching to scarifying and thinning Latex modified concrete deck overlay. This included scarifying, hand chipping any unsound areas, and placing a thin 2 inch +/- overlay. With a rapid set Latex the contractor can complete the work in the weekend only time frame set up in the contract. MDOT's University Region Office has confirmed the availability of funding for the change, bridge design will produce a plan revision pending the funding, and the contractor is agreeable to the change.

The contractor was directed by the engineer to eliminate the trenching and paving operations on the median shoulders at 802 and 803 of 33084, eastbound and westbound I-96 over Deer Creek, and at 804 and 805 of 33084, eastbound and westbound I-96 over Doan Creek and to use liquid rubber to fill in the existing rumble strips at these eliminated areas. All costs were negotiated and are deemed reasonable compared to time, materials and equipment required to perform the work. Concrete decks were in worse shape than expected and a shallow overlay was needed for all six structures, 802 and 803 of 33084, 804 and 805 of 33084 and 803 and 805 of 47066. Quantities that were used for the epoxy overlay and hallow deck patching are eliminated. + All costs were negotiated and appear reasonable based on historical bid unit prices from 7/01/10 to 7/6/10. The MDOT University Region Bridge Engineer approved the use of bridge funds for the additional shallow overlay work. Additional cost was also discussed with and approved by FHWA.

2012-77

Control Section/Job Number:	81103-105659	MDOT Project
Contractor:	Highway Service Company, Inc. 26401 Hall Road Trenton, MI 48183-5110	
Designed By:	NCI Northwest Consultants, Inc.	
Engineer's Estimate:	$429,262.03	

Description of Project:
8.68 mi of freeway signing upgrades on M-14 from US-23 to the Napier Road overpass, Washtenaw County.

Administrative Board Approval Date:	April 19, 2011	
Contract Date:	April 25, 2011	
Original Contract Amount:	$384,994.91	
Total of Contract Revisions (Approved to Date):	42,361.07	+ 11.00%
Revised Total	$427,355.98	+ 11.00%

SUMMARY:

Contract Modification Number(s): 4

This contract modification requests payment for the following Extra(s)/Adjustment(s) to the contract:

CM 4

Bridge Sign Connection, Steel, Type E	1.00 Ea @ $5,595.00/Ea	$5,595.00
Bridge Sign Connection, Steel, Type I	-1.00 Ea @ $5,642.50/Ea	(5,642.50)
Fdn, Truss Sign Str E, 48 in Dia, Cased	17.00 Ft @ $782.00/Ft	13,294.00
Fdn, Truss Sign Str E, 48 in Dia, Uncased	-17.00 Ft @ $597.00/Ft	(10,149.00)
Fdn, Wood Support, Rem	5.00 Ea @ $50.00/Ea	250.00
Mobile Attenuator	1.00 Ea @ $2,500.00/Ea	2,500.00
Sign, Type IA	5.00 Sft @ $19.54/Sft	97.70
Sign, Type IB	56.00 Sft @ $21.20/Sft	1,187.20
Sign, Type II, Rem	1.00 Ea @ $15.00/Ea	15.00
Sign, Type IIA	38.00 Sft @ $14.59/Sft	554.42
Total		**$7,701.82**

Reason(s) for Extra(s)/Adjustment(s):

CM 4
This is a balancing modification for all items on the project. Items were increased or decreased to meet final field quantities.

EXHIBIT B

LOCAL PROJECTS Items to the Commission - October 25, 2012										
ITEM NO.	CONTRACT ID	PREVIOUSLY BEFORE COMMISSION	ENGINEER'S ESTIMATE	ORIGINAL CONTRACT COST	REVISIONS APPROVED TO DATE	EXTRAS AND ADJUSTMENTS APPROVED TO DATE	NEGATIVE ADJUSTMENTS	CURRENT REQUEST AMOUNT	TOTAL COST TO DATE INCLUDING CURRENT REQUEST	REASON FOR REVIEW *
2012-73	82004-112284	YES	$897,563.70	$965,855.60	$106,132.56	$0.00	$0.00	$0.00	$1,071,988.16	Exceeds 10%
2012-74	28555-35580	YES	$982,135.55	$589,451.61	$90,687.11	$0.00	$0.00	$0.00	$680,138.72	Exceeds 10%
2012-78	70400-114599	NO	$1,600,000.00	$1,250,153.59	$179,228.40	$0.00	$0.00	$0.00	$1,429,381.99	Exceeds 10%
2012-79	76006-109306	NO	$206,960.10	$212,445.69	$74,024.70	$0.00	$0.00	$0.00	$286,470.39	Exceeds 10%
2012-80	33006-102528	YES	$809,618.14	$614,928.20	$276,894.91	$0.00	$0.00	$0.00	$891,823.11	Exceeds 10%
	TOTAL		$4,496,277.49	$3,632,834.69	$726,967.68	$0.00	$0.00	$0.00	$4,359,802.37	----------

2012-73

Control Section/Job Number:	82004-112284	Local Agency Project
Contractor:	Anlaan Corporation P.O. Box 333 Ferrysburg, MI 49409	
Designed By:	FTC&H	
Engineer's Estimate:	$897,563.70	

Description of Project:
Bridge removal and replacement with prestressed concrete box beam, approach work, and sidewalks on Harrison Boulevard over the South Branch of Ecorse River in the city of Lincoln Park, Wayne County.

Administrative Board Approval Date:	September 15, 2011	
Contract Date:	September 29, 2011	
Original Contract Amount:	$965,855.60	
Total of Contract Revisions (Approved to Date):	106,132.56	10.99%
Revised Total	$1,071,988.16	+ 10.99%

SUMMARY:
Contract Modification Number(s): 7

This contract modification requests payment for the following Extra(s)/Adjustment(s) to the contract:

CM 7

_Dectectable Warning, Special	8.00 Sft @ $20.00/Sft	$160.00
_Non Haz Contaminated Material Handling and Disposal, LM	-6,208.12 Dlr @ $1.00/Dlr	(6,208.12)
_Pile, Steel, Furn and Driven, 12 inch, LRFD	-307.07 Ft @ $38.35/Ft	(11,776.13)
Backfill, Structure, CIP	-11.56 Cyd @ $15.54/Cyd	(179.64)
Barric, Type III, High, Intens, Lighted, Oper	-3.00 Ea @ $0.01/Ea	(0.03)
Bridge Ltg, Oper and Maintain	-137.00 Cyd @ $2.30/Cyd	(315.10)
Conc Quality Assurance, Structure	218.60 Cyd @ $10.49/Cyd	2,293.11
Culv End Sect, Conc, 12 inch	-1.00 Ea @ $446.00/Ea	(446.00)
Dr Marker Post	-2.00 Ea @ $36.00/Ea	(72.00)
Dr Structure Cover	-350.00 Lb @ $1.55/Lb	(542.50)
Dr Structure Cover, Adj, Case 2	-1.00 Ea @ $510.00/Ea	(510.00)
Dr Structure, 48 inch dia	-1.00 Ea @ $1,435.50/Ea	(1,435.50)
Embankment, CIP	245.00 Cyd @ $13.90/Cyd	3,405.50
Erosion Control, Silt Fence	-54.00 Ft @ $1.50/Ft	(81.00)
Excavation, Earth	263.80 Cyd @ $10.00/Cyd	2,638.00
Guardrail, Rem	-16.00 Ft @ $14.60/Ft	(233.60)
Lane Tie, Epoxy Anchored	-39.00 Ea @ $10.00/Ea	(390.00)
Pavt Mrkg, Thermopl, 24 inch, Stop Bar	-22.00 Ft @ $12.75/Ft	(280.50)
Pavt Mrkg, Type R, 4 inch, Yellow, Temp	-700.00 Ft @ $0.85/Ft	(595.00)
Pavt Mrkg, Waterborne, 4 inch, Yellow	-40.00 Ft @ $1.45/Ft	(58.00)
Pavt Mrkg, Waterborne, 2nd Appl, 4",Yellow	-1,040.00 Ft @ $0.95/Ft	(988.00)
Pavt, Rem	-39.70 Syd @ $7.40/Syd	(293.78)

Post, Steel, 3 lb	-23.00 Ft @ $4.10/Ft	(94.30)
Reinforcement, Steel, Epoxy Coated	2,650.00 Lb @ $1.02/Lb	2,703.00
Riprap, Heavy	-189.16 Syd @ $64.00/Syd	(12,106.24)
Riprap, Plain	-8.00 Syd @ $33.50/Syd	(268.00)
Sewer, CI E, 12 inch, Tr Det B	-63.00 Ft @ $29.40/Ft	(1,852.20)
Sewer, CI E, 15 inch, Tr Det B	-3.00 Ft @ $33.60/Ft	(100.80)
Sidewalk Ramp	426.80 Sft @ $4.50/Sft	1,920.60
Sidewalk, Conc, 4 inch	1,148.21 Sft @ $3.00/Sft	3,444.63
Sidewalk, Rem	30.00 Syd @ $9.10/Syd	273.00
Sign, Type III, Rem	-6.00 Ea @ $5.00/Ea	(30.00)
Sign, Type IIIB	-9.00 Sft @ $13.00/Sft	(117.00)
Subbase, Cip	-40.00 Cyd @ $13.75/Cyd	(550.00)
Superstructure Conc, Night Casting	-3.00 Cyd @ $127.00/Cyd	(381.00)
Underdrain Outlet, 6 inch	-56.00 Ft @ $10.35/Ft	(579.60)
Underdrain, Outlet Ending, 6 inch	1.00 Ea @ $152.60/Ea	152.60
Underdrain, Subgrade, 6 inch	-30.00 Ft @ $5.75/Ft	(172.50)
Video Taping Sewer and Culv Pipe	-152.30 Ft @ $4.45/Ft	(677.74)
_Bridge Ltg, Furn and Rem, Deduction	-780.00 Dlr @ $1.00/Dlr	(780.00)
Total		**($25,123.84)**

Reason(s) for Contract Revision(s):

CM 7

This contract modification consists of balancing out original items of work. Some items overran original plan quantity of work and it was necessary to compensate the contractor for undercutting unsuitable soils that were encountered. Unforeseen site conditions, Non-Hazardous Contaminated Material, were encountered on the project site. Non-Hazardous Contaminated Materials would have been included in the original contract had these conditions been known prior to construction. Non Hazardous Contaminated Material Handling and Disposal was created on Contract Modifications No 1 and 2.

2012-74

Control Section/Job Number:	28555-35580	Local Agency Project
Contractor:	Elmer's Crane and Dozer, Inc. 3600 Rennie School Road Traverse City, MI 49684-9170	
Designed By:	Grand Traverse County Road Commission	
Engineer's Estimate:	$982,135.55	

Description of Project:
0.98 mi of road reconstruction and realignment including minor curve relocation, tree removal, drainage structures, erosion control, aggregate base, shoulder, hot mix asphalt paving, and pavement markings on Cedar Run Road from Gray Road to Harris Road, Grand Traverse County.

Administrative Board Approval Date:	March 16, 2010	
Contract Date:	April 15, 2010	
Original Contract Amount:	$589,451.61	
Total of Contract Revisions (Approved to Date):	90,687.11	+ 15.38%
Revised Total	$680,138.72	+ 15.38%

SUMMARY:

Contract Modification Number(s): 6

This contract modification requests payment for the following Extra(s)/Adjustment(s) to the contract:

CM 6

Culv End Sect, 18 inch	-2.00 Ea @ $70.00/Ea	($140.00)
Total		**($140.00)**

Reason(s) for Extra(s)/Adjustment(s):

CM 6
Balancing contract modification based on final computations.

2012-78

Control Section/Job Number:	70400-114599	Local Agency Project

Contractor: Michigan Paving and Materials Company
1100 Market Ave SW
Grand Rapids, MI 49503

Designed By: Ottawa County Road Commission
Engineer's Estimate: $1,600,000.00

Description of Project:
4.08 mi of hot mix asphalt cold milling and resurfacing, trenching, aggregate shoulder, sidewalk ramps, and pavement markings on Bauer Road from 56th Avenue east to 24th Avenue, Ottawa County.

Administrative Board Approval Date:	May 15, 2012	
Contract Date:	June 29, 2012	
Original Contract Amount:	$1,250,153.59	
Total of Contract Revisions (Approved to Date):	179,228.40	+ 14.34%
Revised Total	$1,429,381.99	+ 14.34%

SUMMARY:

Contract Modification Number(s): 1

This contract modification requests payment for the following Extra(s)/Adjustment(s) to the contract:

CM 1

_Slope Restoration Cat.003	4,767.00 Syd @ $2.40/Syd	$11,440.80
_Trenched Material Disposal Cat. 003	286.00 Sta @ $150.50/Sta	43,043.00
_Trenching, Modified Cat. 003	143.00 Sta @ 53.70/Sta	7,679.10
HMA, 2C Cat. 003	1,150.00 Ton @ $52.60/Ton	60,490.00
HMA, 4E1 Cat. 003	600.00 Ton @ $53.23/Ton	31,938.00
HMA, 5E1 Cat. 003	450.00 Ton @ $54.75/Ton	24,637.50
Total		**$179,228.40**

Reason(s) for Extra(s)/Adjustment(s):

CM 1
Ottawa County Road Commission (OCRC) wanted 6 foot paved shoulders between 48th Avenue and 36th Avenue. A new category was added (Category 003) to the project. The items on this contract modification will be paid for with 100% local funds by OCRC. The quantities included reflect an additional 3 feet of paved shoulder, for a total of 6 foot paved shoulders on each side of the road.

2012-79

Control Section/Job Number:	76006-109306	Local Agency Project
Contractor:	J. Slagter & Son Construction Co. 1326 142nd Avenue Wayland, MI 49348-9748	
Designed By:	Wilcox Professional Services, LLC	
Engineer's Estimate:	$206,960.10	

Description of Project:
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.

Administrative Board Approval Date:	March 2, 2012	
Contract Date:	April 23, 2012	
Original Contract Amount:	$212,445.69	
Total of Contract Revisions (Approved to Date):	74,024.70	+ 34.84%
Revised Total	$286,470.39	+ 34.84%

SUMMARY:

Contract Modification Number(s): 1

This contract modification requests payment for the following Extra(s)/Adjustment(s) to the contract:

CM 1

Hydrodemonlition, First Pass	5.00 Syd @ $0.01/Syd	$0.05
Hydrodemonlition, Second Pass	5.00 Syd @ $0.01/Syd	$0.05
Reinforcement, Steel, Epoxy Coated	2,650.00 Lb @ $1.25/Lb	3,312.50
Adhesive Anchoring of Vertical Bar, 1/2'	406.00 Ea @ $12.00/Ea	4,872.00
Bridge Barrier Railing, Type 5, Modified	180.00 Ft @ $68.25/Ft	12,285.00
Guardrail Anch, Bridge, Det T3	4.00 Ea @ $1,470.00/Ea	5,880.00
Guardrail Approach Terminal, Type 2B	4.00 Ea @ $2,310.00/Ea	9,240.00
Guardrail Reflector	18.00 Ea @ $4.20/Ea	75.60
Guardrail, Rem	350.00 Ft @ $1.05/Ft	367.50
Guardrail, Type B	400.00 Ft @ $16.28/Ft	6,512.00
Mobilization, Max Guardrail	1.00 LS @ $1,000.00/LS	1,000.00
Structure, Rem, Portions	1.00 LS @ $ 30,000.00/LS	30,000.00
Water Repellent Treatment, Penetrating	8.00 Syd @ $60.00/Syd	480.00
Total		**$74,024.70**

Reason(s) for Extra(s)/Adjustment(s):

CM 1
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. The cost to perform a partial replacement was estimated to be in excess of $30,000.00. After exploring different options and consulting with a MDOT Bridge Program Manager, it was decided by the engineer to completely replace the brush block with a new Type 5 Bridge Barrier Railing, Guardrail Anchorages, and Type B rail at an estimate cost of $60,000.00. This contract modification reflects costs as submitted by the contractor for the proposed additional work. The quoted prices appear reasonable when compared with weighted average item prices. There are no offsetting items as a result of this work. The additional work requires an extension of the open to traffic date and final contract completion date. Payment for Traffic Control Items will be based on formula 812-1 and are estimated to be $5,000.00. The cost for additional traffic was not included in this contract modification.

2012-80

Control Section/Job Number:	33006-102528	Local Agency Project

Contractor: Icarus Industrial Painting & Contracting
415 Westchester Ln
Valparaiso, IN 46385-8000

Designed By: AECOM
Engineer's Estimate: $ 809,618.14

Description of Project:
Expansion joint replacement, partial and full painting of structural steel, deck patching, and crack sealing on Kalamazoo Street over Grand River and on Pennsylvania Avenue over Red Cedar River in the City of Lansing, Ingham County.

Administrative Board Approval Date:	March 16, 2010	
Contract Date:	April 8, 2010	
Original Contract Amount:	$614,928.20	
Total of Contract Revisions (Approved to Date):	276,894.91	+ 45.03%
Revised Total	$891,823.11	+ 45.03%

SUMMARY:

Contract Modification Number(s): 6

This contract modification requests payment for the following Extra(s)/Adjustment(s) to the contract:

CM 6

102529A:		
_Deduct Indemnification	-18,800.00 Dlr @ $1.00/Dlr	($18,800.00)
_Project Management Cost-Icarus	1.00 LS @ $14,148.90/LS	14,148.90
_Project Management Costs-Anlaan	1.00 LS @ $12,222.00/LS	12,222.00
Total		**$7,570.90**

Reason(s) for Extra(s)/Adjustment(s):

CM 6
_Deduct Indemnification- The contractor did not perform all work in accordance with all state and federal laws. The Department of Environmental Quality (DEQ) performed a project site inspection and noted multiple violations. The city, as the owner, was fined directly for several of these violations. This item was set up to reimburse the city for their fine. The contractor shall hold harmless and indemnify the Department and its representatives. The City paid the fine to DEQ.

_Project Management Cost-Icarus
_Project Management Costs-Anlaan- The City of Lansing issued work order#1 on March 14, 2011. The extra work was eliminated in work order #2. The project management costs incurred by the contractor and his subcontractors associated with work order #1 are paid in accordance with MDOT standard specification 109.05

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, September 2012	$100,854,421.27	$100,932,918.77	0.08%
2012 Fiscal Year	$904,093,278.18	$898,123,942.54	-0.66%

Five Year Summary of MDOT Projects

Calendar Year	Original Contract Cost	Final Contract Cost	Percent Difference
2007	$777,582,980.29	$810,428,814.94	4.22%
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	$672,389,225.43	$669,741,454.26	-0.39%

MDOT

CONSTRUCTION PROJECTS FINALED IN SEPTEMBER 2012

		7					6			1				
		MDOT Projects With an Original Contract Amount of					**MDOT Projects Designed by MDOT With an Original Contract Amount of**			**MDOT Projects Designed by Consultants With an Original Contract Amount of**				
		$100,854,421.27					**$92,672,092.56**			**$8,182,328.71**				
		Total Over the Original Cost					Total Over the Original Cost			Total Over the Original Cost				
		78,497.50					**92,600.89**			**(14,103.39)**				
		Projects Finaled This Month (33Total)			**Total Original Contract Amount**	**Total Final Contract Amount**	**Total Increase or Decrease**	**Total Percent**		**# of Jobs Over 10%**	**# of Jobs Under**			
					100,854,421.27	100,932,918.77	78,497.50	0.08%		3	22			
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	9/10/2012	ST	73051	90118A	888,588.06	883,956.72	(4,631.34)	-0.52%		6/13/2011	9/2/2011	9/1/2011	-1	M
Bay	9/24/2012	STE	73171	104012A	96,012.00	88,202.85	(7,809.15)	-8.13%		5/18/2010	9/19/2012	8/22/2012	-28	C
Bay	9/28/2012	STE	73999	101875A	2,300,154.96	2,351,682.49	51,527.53	2.24%		12/21/2009	9/19/2012	9/14/2012	-5	M
Bay	9/28/2012	STH	79062	103257A	719,749.10	795,634.43	75,885.33	10.54%	*	4/18/2011	9/19/2012	9/13/2012	-6	M
Bay	9/28/2012	STG	84914	111129A	1,754,472.80	1,689,759.17	(64,713.63)	-3.69%		5/16/2011	12/1/2011	10/12/2011	-50	M
Bay	9/28/2012	STG	84914	111129A	1,754,472.80	1,689,759.17	(64,713.63)	-3.69%		5/16/2011	12/1/2011	10/12/2011	-50	M
Grand	9/19/2012	ST	34032	109051A	288,697.18	283,902.24	(4,794.94)	-1.66%		4/18/2011	6/1/2012	10/21/2011	-223	M
Grand	9/19/2012	ST	34032	90033A	2,792,697.68	2,870,681.37	77,983.69	2.79%		4/18/2011	6/1/2012	10/21/2011	-223	C
Grand	9/19/2012	IM	41029	46274A	21,735,353	21,701,294	(34,059.00)	-0.16%		4/1/2008	5/21/2010	7/9/2011	416	M
Grand	9/19/2012	IM	41029	75069A	4,924,811.66	5,079,417.88	154,606.22	3.14%		4/1/2008	5/21/2010	7/9/2011	416	M
Grand	9/19/2012	HPSL	41029	87625A	9,473,464.96	9,371,867.22	(101,597.74)	-1.07%		4/1/2008	5/21/2010	7/9/2011	416	M
Grand	9/19/2012	IM	41029	82762A	858,797.98	763,229.68	(95,568.30)	-11.13%		4/1/2008	5/21/2010	7/9/2011	416	C
Metro	9/24/2012	CM	82103	100738A	1,071,915.66	1,101,321.69	29,406.03	2.74%		2/23/2010	11/15/2010	9/1/2011	289	M
Metro	9/24/2012	AR	82103	83172A	526,457.55	428,805.25	(97,652.30)	-18.55%		2/23/2010	11/15/2010	9/1/2011	289	M
Metro	9/24/2012	AR	82104	83148A	1,551,230.86	1,491,835.00	(59,395.86)	-3.83%		2/23/2010	11/15/2010	9/1/2011	289	M
Metro	9/24/2012	AR	82104	83146A	161,726.46	183,168.54	21,442.08	13.26%	*	2/23/2010	11/15/2010	9/1/2011	289	M
Metro	9/24/2012	AR	82104	83147A	1,567,641.04	1,432,409.40	(135,231.64)	-8.63%		2/23/2010	11/15/2010	9/1/2011	289	M
Metro	9/24/2012	ARU	82104	76901A	11,837,790	12,720,823	883,033.00	7.46%		2/23/2010	11/15/2010	9/1/2011	289	M
Metro	9/11/2012	CM	82122	86516A	4,335,323.26	4,367,155.11	31,831.85	0.73%		4/28/2008	10/10/2008	4/3/2012	1271	C
Metro	9/24/2012	MER	82252	106347A	99,497.79	78,956.31	(20,541.48)	-20.65%		2/23/2010	11/15/2010	9/1/2011	289	C
Metro	9/10/2012	SRSI	84917	105887A	1,021,987.40	1,326,802.93	304,815.53	29.83%	*	6/28/2010	9/6/2010	11/17/2010	71	M
North	9/10/2012	NH	24011	113408A	137,112.50	131,467.05	(5,645.45)	-4.12%		6/13/2012	6/29/2012	7/2/2012	3	M
North	9/28/2012	BHT	83011	87217A	1,856,394.01	1,890,898.76	34,504.75	1.86%		4/11/2011	11/4/2011	6/1/2012	208	M
Southwest	9/10/2012	IM	13073	81723A	969,250.56	953,514.63	(15,735.93)	-1.62%		5/4/2009	7/15/2011	7/15/2011	0	M
Southwest	9/10/2012	STE	13082	102747A	141,863.24	106,745.09	(35,118.15)	-24.75%		5/4/2009	7/15/2011	7/15/2011	0	M
Southwest	9/10/2012	IM	13082	74956A	14,624,432	14,007,778	(616,654.00)	-4.22%		5/4/2009	7/15/2011	7/15/2011	0	M
Southwest	9/24/2012	STT	14042	89700A	1,112,292.09	936,634.44	(175,657.65)	-15.79%		10/27/2010	5/15/2012	5/15/2012	0	M

MDOT

CONSTRUCTION PROJECTS FINALED IN SEPTEMBER 2012

		7					6			1				
		MDOT Projects With an Original Contract Amount of					**MDOT Projects Designed by MDOT With an Original Contract Amount of**			**MDOT Projects Designed by Consultants With an Original Contract Amount of**				
		$100,854,421.27					**$92,672,092.56**			**$8,182,328.71**				
		Total Over the Original Cost					Total Over the Original Cost			Total Over the Original Cost				
		78,497.50					**92,600.89**			**(14,103.39)**				
		Projects Finaled This Month (33Total)			**Total Original Contract Amount**	**Total Final Contract Amount**	**Total Increase or Decrease**	**Total Percent**		**# of Jobs Over 10%**	**# of Jobs Under**			
					100,854,421.27	100,932,918.77	78,497.50	0.08%		3	22			
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	9/24/2012	ST	14042	83996A	7,187,199.54	6,975,830.88	(211,368.66)	-2.94%		10/27/2010	5/15/2012	5/15/2012	0	M
Southwest	9/11/2012	ST	14121	110758A	66,438.00	65,519.34	(918.66)	-1.38%		4/16/2012	5/11/2012	5/11/2012	0	M
Superior	9/14/2012	NH	36051	106897A	1,289,802.84	1,273,663.57	(16,139.27)	-1.25%		6/2/2011	7/11/2011	7/2/2012	358	M
University	9/10/2012	IM	19022	101605A	2,925,651.29	3,135,977.74	210,326.45	7.19%		11/9/2010	7/29/2011	4/18/2012	262	M
University	9/14/2012	IM	38102	109683A	545,811.00	545,418.94	(392.06)	-0.07%		5/2/2011	6/30/2011	7/12/2011	12	M
University	9/14/2012	EBSL	84916	110604A	237,332.00	208,805.88	(28,526.12)	-12.02%		8/9/2011	9/2/2011	9/13/2011	11	M
	**May include seasonal suspension time					WD - Work Days		CD - Calendar Days						
				Original			Final	Over/Under %						
		All MDOT		$100,854,421.27		All MDOT Proj	$100,932,918.77	0.08%						
		MDOT/MDOT		$92,672,092.56		MDOT Des.	$92,764,693.45	0.10%						
		MDOT/Cons.		$8,182,328.71		Cons. Designed	$8,168,225.32	-0.17%						

LOCAL

CONSTRUCTION PROJECTS FINALED IN SEPTEMBER 2012

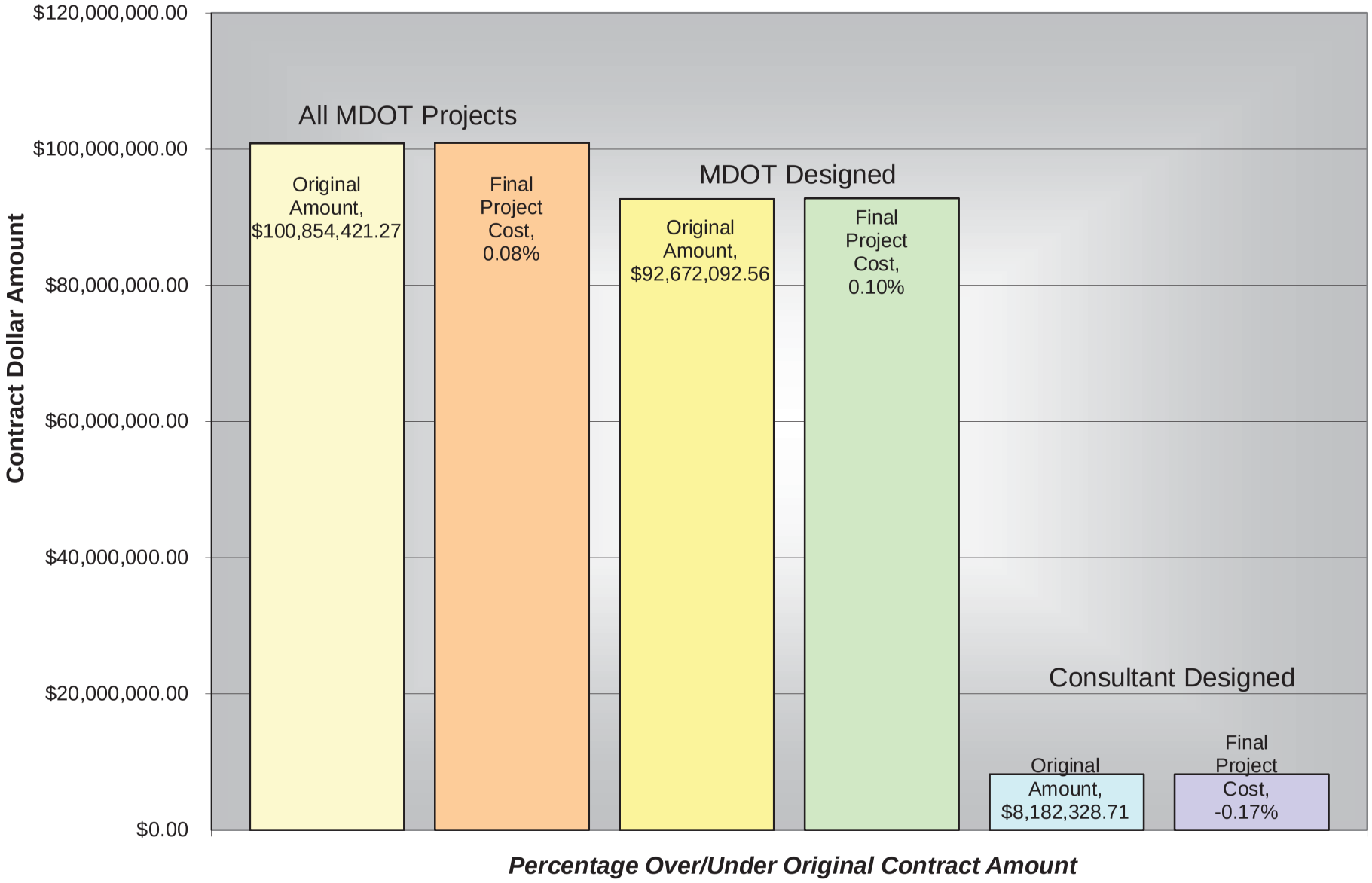
	LOCAL PROJECTS FINALED THIS MONTH (31 Total)			TOTAL ORIGINAL CONTRACT AMOUNT	TOTAL FINAL CONTRACT AMOUNT	TOTAL INCREASE OR DECREASE	TOTAL PERCENT		# OF JOBS OVER 10%	#OF JOBS UNDER
				25,538,101.73	25,455,381.14	(82,720.59)	-0.32%		1	16
Date	**Prefix**	**Control Section**	**Job Number**	**Original Contract Amount**	**Final Contract Amount**	**Increase or Decrease**	**Percent Over or Under**	**Jobs Over 10%**	**Date Work Started**	**Designed by**
9/10/2012	ARUL	11400	107113A	153,414.67	161,258.11	7,843.44	5.11%		6/14/2010	C
9/10/2012	EDDF	11555	103385A	193,533.64	152,097.52	(41,436.12)	-21.41%		7/27/2011	C
9/10/2012	STH	63609	108844A	74,955.31	74,276.79	(678.52)	-0.91%		9/21/2011	C
9/11/2012	BRT	34002	105311A	335,744.10	355,548.22	19,804.12	5.90%		8/29/2011	C
9/11/2012	STH	3609	108581A	462,555.58	450,932.68	(11,622.90)	-2.51%		4/25/2011	C
9/11/2012	MCS	13004	105338A	371,245.70	350,449.20	(20,796.50)	-5.60%		7/12/2011	C
9/11/2012	STUL	39405	79155A	3,875,641.42	3,837,671.59	(37,969.83)	-0.98%		8/17/2005	C
9/11/2012	STU	82457	109328A	889,535.69	968,987.76	79,452.07	8.93%		7/19/2010	C
9/11/2012	STE	63459	108043A	674,498.23	665,081.26	(9,416.97)	-1.40%		5/24/2010	C
9/11/2012	STU	82400	110472A	2,739,540.71	2,619,760.07	(119,780.64)	-4.37%		4/29/2011	L
9/11/2012	STU	82457	110165A	1,053,605.16	973,871.15	(79,734.01)	-7.57%		4/25/2011	L
9/14/2012	CMG	25400	114109A	429,201.61	409,142.13	(20,059.48)	-4.67%		4/2/2012	C
9/14/2012	EDDF	13555	103657A	701,155.36	745,453.39	44,298.03	6.32%		9/6/2011	L
9/14/2012	STU	82400	110473A	3,967,943.15	3,900,550.36	(67,392.79)	-1.70%		9/22/2010	L
9/19/2012	STUL	31061	113813A	148,243.51	143,566.91	(4,676.60)	-3.15%		6/1/2012	L
9/19/2012	STU	25402	111966A	409,244.73	417,772.74	8,528.01	2.08%		7/11/2011	C
9/19/2012	STH	25609	113588A	99,726.35	101,258.67	1,532.32	1.54%		4/9/2012	L
9/19/2012	STU	25402	112024A	660,305.50	580,055.06	(80,250.44)	-12.15%		7/29/2011	C
9/19/2012	STH	39609	86103A	387,779.40	486,339.73	98,560.33	25.42%	*	5/29/2007	C
9/19/2012	ARUL	30440	107261A	149,609.51	154,191.72	4,582.21	3.06%		6/14/2010	C
9/19/2012	STH	38609	108819A	319,949.09	313,288.68	(6,660.41)	-2.08%		5/9/2011	L
9/24/2012	HRRR	49609	112725A	137,569.00	133,596.00	(3,973.00)	-2.89%		6/13/2012	L
9/24/2012	ARUL	28420	87896A	834,703.84	883,576.87	48,873.03	5.86%		4/12/2010	L
9/24/2012	EDDF	15555	102486A	1,038,870.27	993,467.39	(45,402.88)	-4.37%		8/16/2010	C
9/24/2012	STE	25049	90101A	888,888.67	939,956.47	51,067.80	5.75%		6/14/2010	C

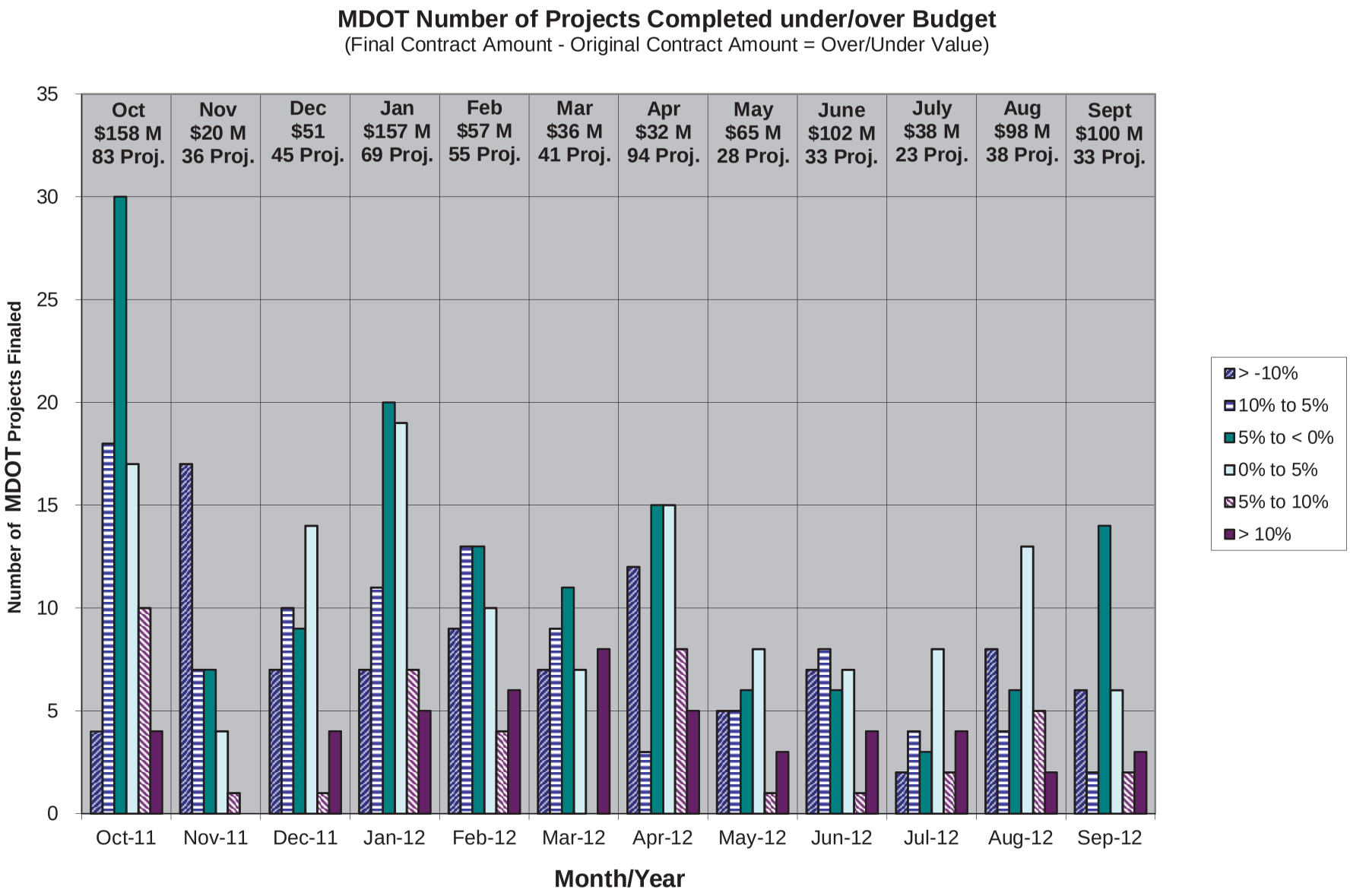
LOCAL

CONSTRUCTION PROJECTS FINALED IN SEPTEMBER 2012

	LOCAL PROJECTS FINALED THIS MONTH (31 Total)			TOTAL ORIGINAL CONTRACT AMOUNT	TOTAL FINAL CONTRACT AMOUNT	TOTAL INCREASE OR DECREASE	TOTAL PERCENT		# OF JOBS OVER 10%	#OF JOBS UNDER
				25,538,101.73	25,455,381.14	(82,720.59)	-0.32%		1	16
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**
9/24/2012	CMG	25400	111083A	277,360.16	286,988.84	9,628.68	3.47%		6/20/2011	C
9/24/2012	EDA	44522	108927A	1,936,702.96	1,895,648.95	(41,054.01)	-2.12%		8/2/2010	C
9/24/2012	STU	63459	104713A	1,066,493.88	1,169,106.48	102,612.60	9.62%		8/5/2011	L
9/28/2012	STU	70401	104933A	481,516.75	495,299.18	13,782.43	2.86%		9/19/2011	L
9/28/2012	STL	79555	54622A	562,377.00	569,258.16	6,881.16	1.22%		8/8/2011	C
9/28/2012	STUL	13446	109184A	216,190.78	226,929.06	10,738.28	4.97%		9/12/2011	L

MDOT Construction Projects Finaled
September 2012

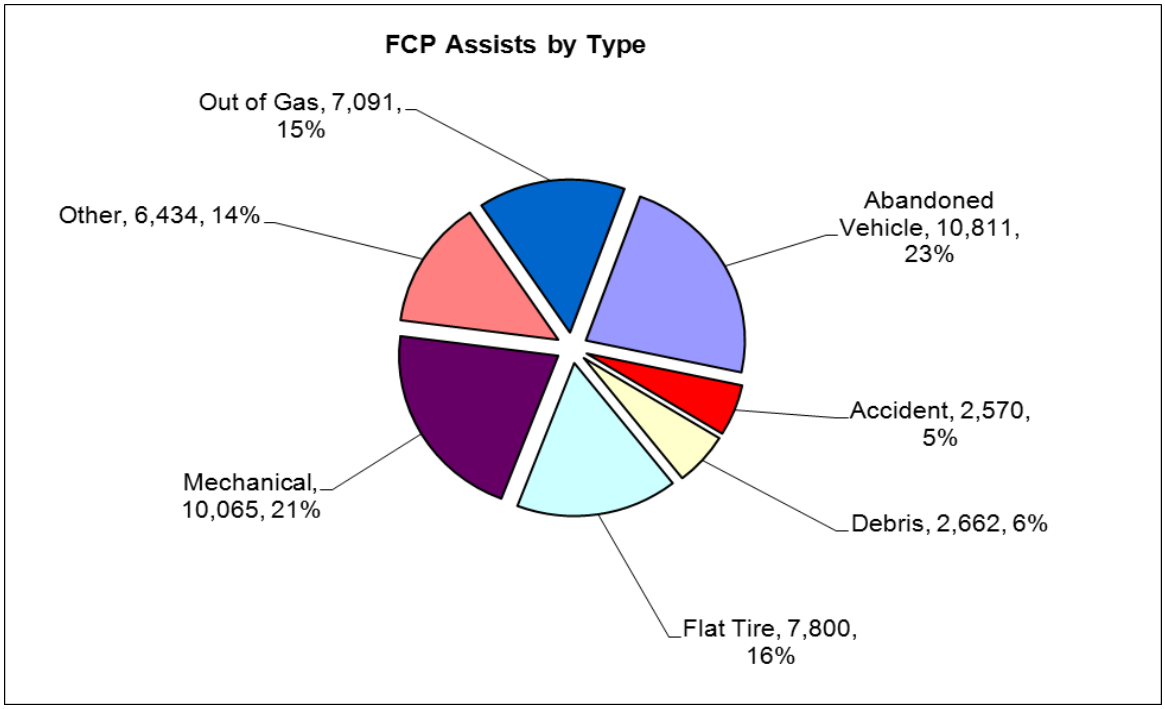



MDOT Number of Projects Completed under/over Budget
(Final Contract Amount - Original Contract Amount = Over/Under Value)
Oct $158 M 83 Proj.
Nov $20 M 36 Proj.
Dec $51 45 Proj.
Jan $157 M 69 Proj.
Feb $57 M 55 Proj.
Mar $36 M 41 Proj.
Apr $32 M 94 Proj.
May $65 M 28 Proj.
June $102 M 33 Proj.
July $38 M 23 Proj.
Aug $98 M 38 Proj.
Sept $100 M 33 Proj.
Number of MDOT Projects Finaled
0
5
10
15
20
25
30
35
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
Month/Year
> -10%
10% to 5%
5% to < 0%
0% to 5%
5% to 10%
> 10%

METRO REGION FREEWAY COURTESY PATROL

The Freeway Courtesy Patrol (FCP) is a free service to the public to alleviate congestions on more than **320** miles of Metro Detroit freeways. It assists stranded motorists, provides traffic control for freeway crashes, and supports MDOT and Michigan State Police in keeping travel lanes clear of debris and disabled vehicles. FCP also supports incident responders during accident investigations thereby freeing up police officers and fire fighters to concentrate on efficient traffic incident management and quick clearance of the freeways. This program is managed out of Southeast Michigan Transportation Operations Center (SEMTOC), Detroit.

In FY 2012, FCP drivers made nearly 50,000 stops and assisted 34,000 stranded motorists. The motorists were stranded for various reasons including mechanical breakdowns (10,065), flat tires (7,800), out of gas (7,091), and crashes (2,570). The remainder of the stops was to remove debris and provided additional services that kept the traffic moving effectively. The program's anticipated arrival time to an incidence is 15 minutes and anticipated clear time of 10 minutes.

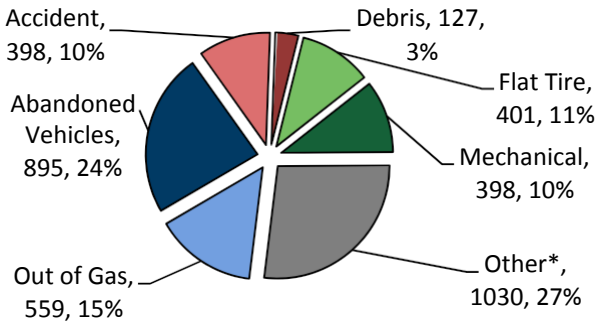


In FY 2013, MDOT will invest $2 million in the FCP program using federal Congestion Mitigation & Air Quality funds. The program which has been serving metropolitan Detroit for many years is being expanded to include portions of Livingston and Washtenaw counties. The expanded service area includes approximately 66 miles of state trunklines.

Additional information about FCP and SEMTOC can be found at http://www.michigan.gov/mdot/0,1607,7-151-9615_44489_44992_48592---Y,00.html and www.michigan.gov/drive.

Freeway Courtesy Patrol

Assists by Type

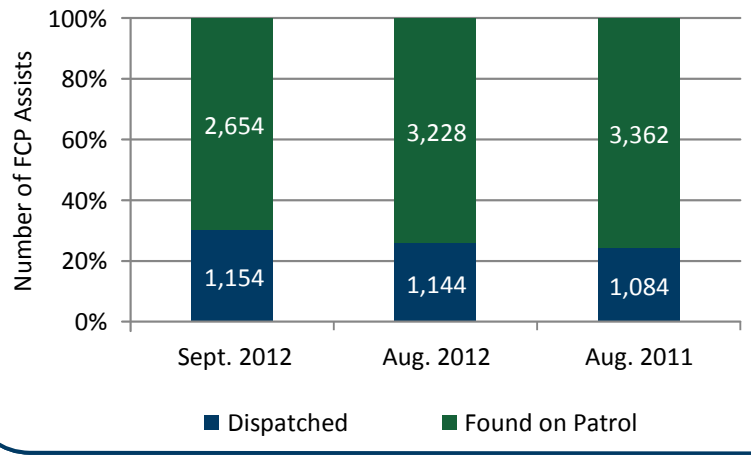


The FCP is a free service provided to the public to assist stranded motorists, provides traffic control for **Incidents** and improves mobility along the freeways by keeping travel lanes clear of debris and disabled vehicles. FCP had a total of **3,808** assists. The majority of the assists **(24%)** were identifying **Abandoned Vehicles.**

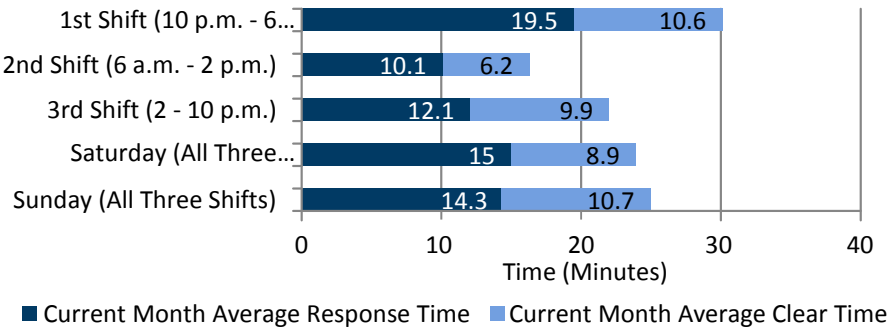
*Other includes Cellular Assists, Declined Service, Tow, Gave Directions, Gone on Arrival (GOA), Traffic Policing ,Transport, Canceled / Disregarded Runs.

Freeway Courtesy Patrol (FCP) drivers are required to patrol their routes when not actively handling an assist. While on patrol, the driver may find an **Event** of which the Control Room is not yet aware. He/she will contact the Control Room via the 800 MHz radio system and the **Event** will be logged as "Found on Patrol." Likewise, if the Control Room Operator (CRO) detects an **Event** that may require FCP involvement, he/she will dispatch the driver to the **Event** location and log it as "Dispatched."

FCP Assists Dispatched vs. Found on Patrol



Average Assist Times



The response and clear times for all FCP assists are logged by CROs. The average response and clear times for the current month are depicted on the graph to the left.

Shift response times may differ greatly due to the number of drivers on duty and their coverage areas.

The FCP patrols more than **320** miles of freeway in Southeast Michigan. They provided the most assistance along **I-75** (**933 assists**). On **I-96** they experienced the highest assist density (**18.2 assists per mile**). The average response and average clear times for each freeway can be compared to the "Average Assist Times" graph which provides system-wide statistics by shift.

FCP Assists by Freeway

Freeway	Miles	Total Assists	Assist Density (assists per mile)	Avg. Response Time (minutes)	Avg. Clear Time (minutes)
I-75	87.6	933	10.7	14.2	8.2
I-94	60.7	906	14.9	13.1	10.3
I-96	34.0	619	18.2	15.0	9.8
I-275	37.5	255	6.8	15.5	7.1
I-696	28.7	453	15.8	14.3	6.0
M-59	24.0	53	2.2	11.8	11.4
I-375	1.2	7	5.8	10.4	10.9
M-10 (Lodge)	17.9	241	13.5	13.1	9.1
M-14	6.4	55	8.6	15.6	7.3
M-39 (Southfield)	14.2	226	15.9	13.2	10.2
M-5 (Grand River)	10.3	26	2.5	16.4	6.5
M-8 (Davison)	2.2	32	14.5	10.3	6.7

Southeast Michigan Transportation Operations Center

SEPTEMBER

2012

MONTHLY PERFORMANCE MEASURES

MDOT
Michigan Department of Transportation

Oladayo Akinyemi, P.E.
1060 W. Fort Street
Detroit, MI 48226
AkinyemiO@michigan.gov

Report Compiled By URS

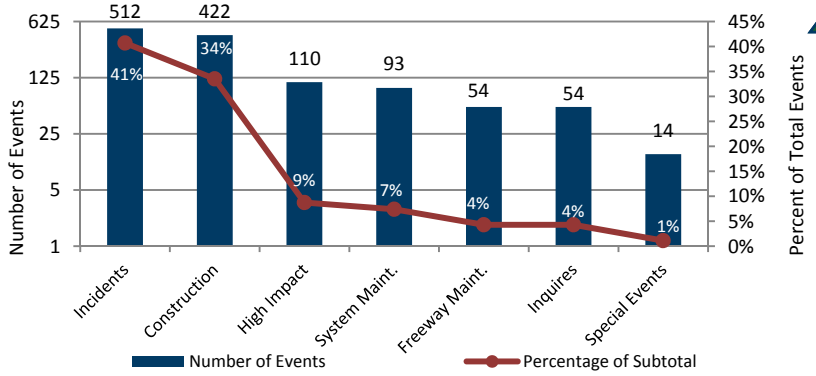
Control Room Activity

Event: A task in which the Control Room Operator is involved. Multiple categories of events exist (e.g., Incident, Construction, Special Event).

Call: Any phone call that comes into or goes out of the Control Room. Multiple calls may be associated with one event.

Incident: An event that impacts the shoulder, lane(s) or a ramp of a State of Michigan trunkline (e.g., accident, vehicle fire, debris or police situation).

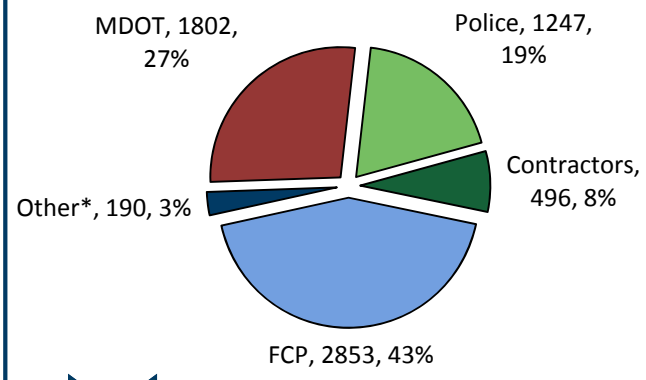
Events by Type



Control Room **events** consist of: construction, incidents, high impact (see definition on page 5), system maintenance (software and hardware), freeway maintenance (lighting, field equipment, potholes, sweeping, etc.), traffic inquiries (public and agencies), special event coordination, and Freeway Courtesy Patrol (FCP) assists (excluded from this table and described on page 3).

Control Room Operators (CROs) logged **780 Events** along the freeways excluding FCP assists. The top **Event** categories are shown in the chart.

Calls by Agency

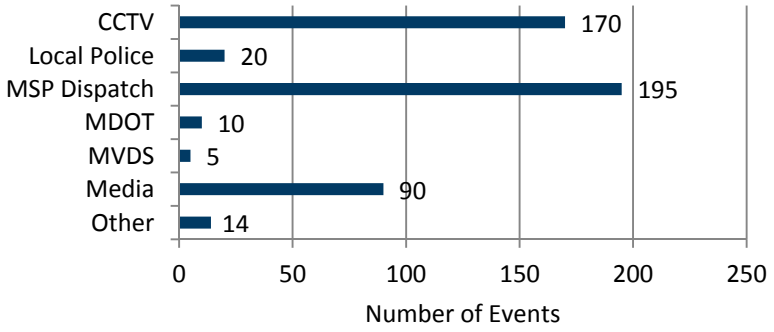


CROs managed **6,588 Calls** this month. The majority of all **Calls**, **43%**, were between the Control Room and the **Freeway Courtesy Patrol (FCP)**.

*Other includes Airport, Border, City of Detroit, Fire, Media, Special Event Venues and Transit agencies, DTMB, County

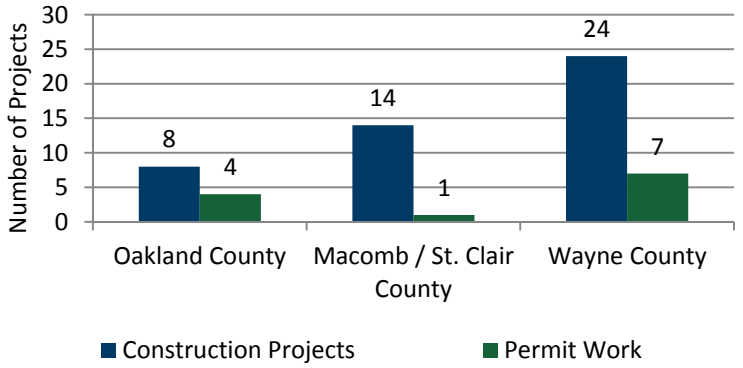
CROs rely on various sources to detect **Events** that occur along the freeways. When an **Event** is detected, the CRO is required to note which detection source was used. This not only ensures that the **Event** was detected by a reliable source, but also provides insight as to which sources are utilized most frequently.

Events by Detection Source



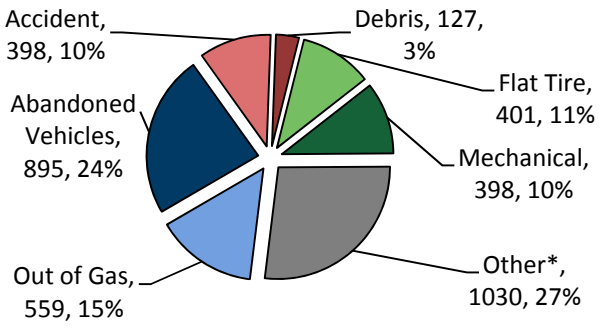
CROs are responsible for monitoring and managing traffic operations along the freeways, it is critical to know where construction activities are taking place and the impact that they may have on freeway operations. The Construction Coordinator maintains frequent communication with MDOT staff and Contractors to ensure that the CROs are kept up-to-date on the locations and impacts of construction project and permit work (local agencies working on State trunklines).

Construction Activities



Freeway Courtesy Patrol

Assists by Type



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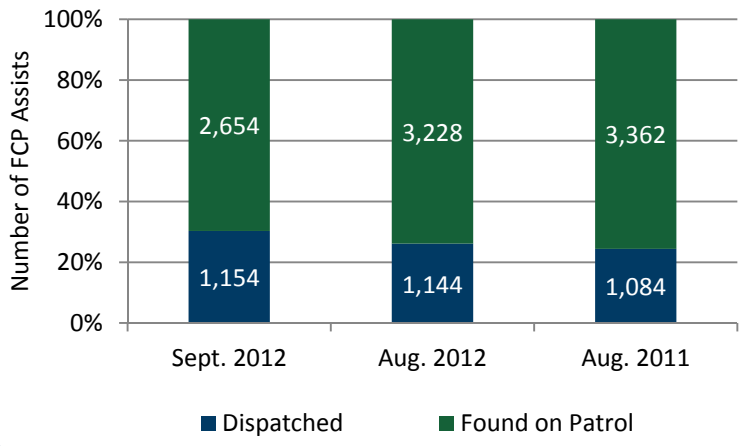
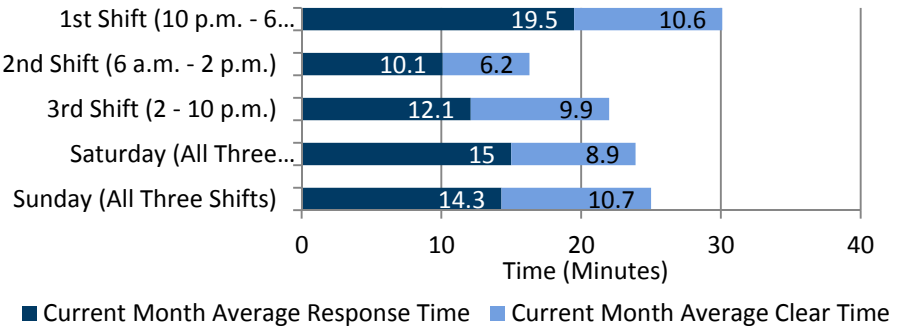
FCP Assists Dispatched vs. Found on Patrol



Average Assist Times



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FCP Assists by Freeway

Freeway	Miles	Total Assists	Assist Density (assists per mile)	Avg. Response Time (minutes)	Avg. Clear Time (minutes)
I-75	87.6	933	10.7	14.2	8.2
I-94	60.7	906	14.9	13.1	10.3
I-96	34.0	619	18.2	15.0	9.8
I-275	37.5	255	6.8	15.5	7.1
I-696	28.7	453	15.8	14.3	6.0
M-59	24.0	53	2.2	11.8	11.4
I-375	1.2	7	5.8	10.4	10.9
M-10 (Lodge)	17.9	241	13.5	13.1	9.1
M-14	6.4	55	8.6	15.6	7.3
M-39 (Southfield)	14.2	226	15.9	13.2	10.2
M-5 (Grand River)	10.3	26	2.5	16.4	6.5
M-8 (Davison)	2.2	32	14.5	10.3	6.7

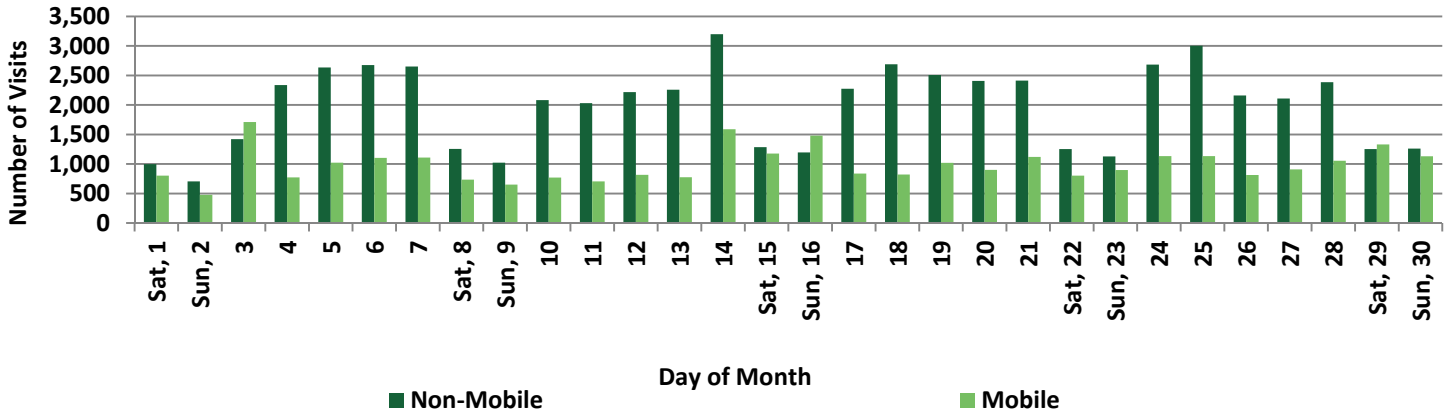
Most Utilized DMS for Unique Messages

Location	# Unique Messages	% of Total Unique Messages
WB I-696@ Ryan	95	5%
WB I-94 @ John R	87	5%
SB I-275 @ N of 7 Mile	82	5%
SB I-75 @ Clay	76	4%
EB M-10 @ Central	65	4%

There were **1,805** unique messages displayed throughout the ITS network. A "unique message" may be an **Incident**, AMBER Alert, construction or special event message.

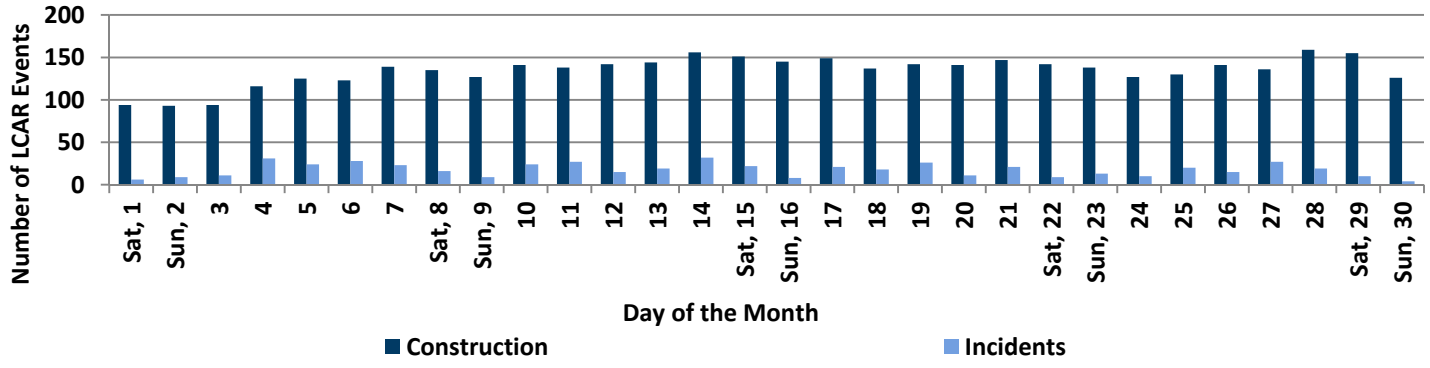
Travel time messages are routinely displayed when unique messages are not active. Travel times are updated every six minutes.

Mi Drive Web Site Visits



A "visit" is counted each time a user accesses the **www.michigan.gov/drive** website, regardless of the number of pages viewed within the site. "Mobile" visits are those where the site is accessed using a mobile device, while "Non-Mobile" visits are those where the website is accessed from a computer.

LCAR Posts Sent to the Web Site



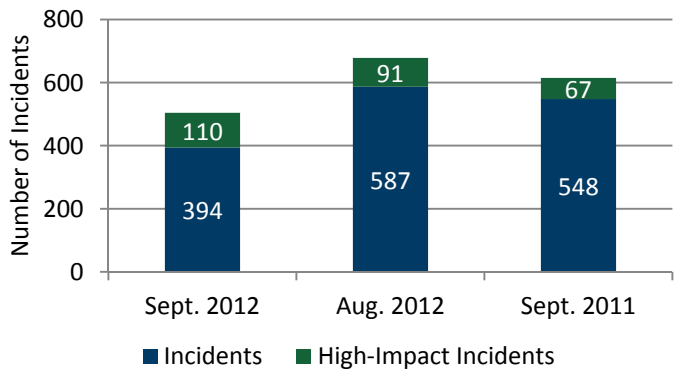
Control Room Operators (CRO) are able to post construction and **Incident** information to the Mi Drive website using the Lane Closure and Restrictions (LCAR) tool. Each post that was sent to the website is shown in the chart above.

Incidents by Freeway

Freeway	Miles	Sept. 2012 Total Incidents	Sept. 2012 Incidents per Mile	Sept. 2012 Average Duration	Aug. 2012 Total Incidents	Aug. 2012 Incidents per Mile	Aug. 2012 Average Duration	Sept. 2011 Total Incidents	Sept. 2011 Incidents per Mile	Sept. 2011 Average Duration
I-75 (Chrysler/Fisher)	87.6	110	1.26	55.9 min	**155**	1.77	52.0 min	**160**	1.83	46.7 min
I-94 (Ford)	60.7	**124**	2.04	46.2 min	167	2.75	46.8 min	138	2.27	38.8 min
I-696 (Ruether)	28.7	74	**2.58**	62.4 min	101	**3.52**	50.2 min	95	3.31	49.3 min
I-96 (Jeffries)	34	76	2.24	62.7 min	102	3.00	53.5 min	77	2.26	45.0 min
M-10 (Lodge)	17.9	35	1.96	37.9 min	34	1.90	**35.5 min**	30	1.68	44.7 min
M-39 (Southfield)	14.2	26	1.83	44.5 min	38	2.68	48.2 min	3	**0.21**	51.7 min
I-275	37.5	47	1.25	57.2 min	59	1.57	53.1 min	48	1.28	55.0 min
I-375	1.2	2	1.67	57.2 min	6	5.00	51.0 min	2	1.67	18.5 min
M-14	6.4	5	0.78	**69.0 min**	13	2.03	55.3 min	8	1.25	69.6 min
M-59	24	2	0.08	24.0 min	1	0.04	5.0 min	2	0.08	20.0 min
Total Average		50	1.57	45.1 min	68	2.43	52.7 min	56	1.58	40.8 min

I-94 experienced the highest total **Incidents**; however, **I-696** had the greatest incident per mile rate. The longest average incident duration occurred along **M-14**.

Total Incidents



There were a total of **504** total **Incidents**, **22%** of which were high-impact. **A high-impact incident is one that results in a total freeway closure in one direction, a freeway-to-freeway ramp closure or a closure of all lanes with only one lane open.**

The majority, **15%**, of high-impact incidents occurred along **I-75**. Each time a high-impact incident occurs, CROs are required to provide e-mail notifications to a pre-defined distribution list of individuals and organizations. The notifications include the location of the incident, degree of closure, reason for the closure, the source that verified the incident and any other pertinent information related to traffic operations.

High-Impact Incident Activity

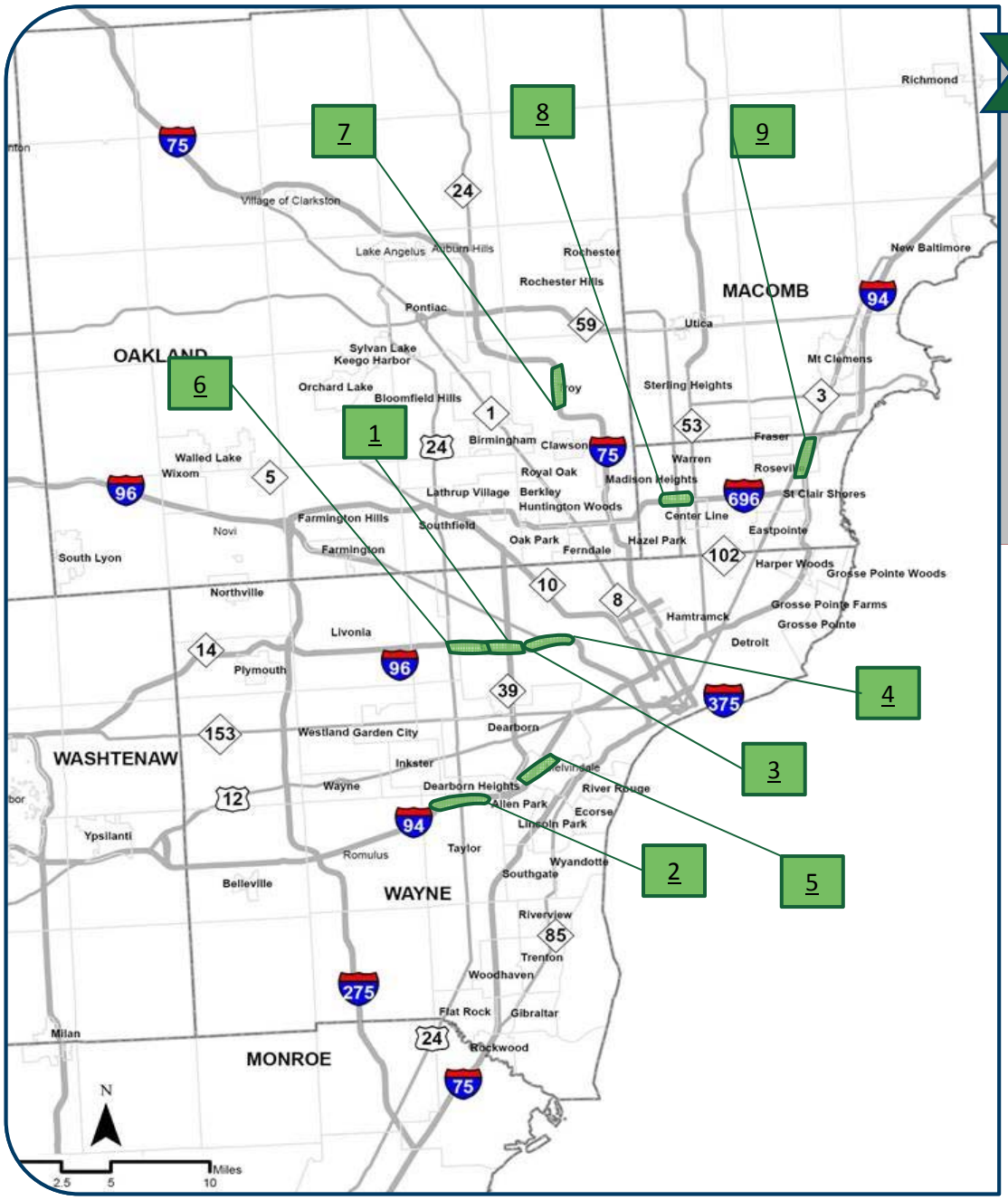
	Sept. 2012	Aug. 2012	Sept. 2011
Freeway Closures All Lanes Closed in One Direction	16	16	12
Lane Closures Only One Lane Open	75	67	50
Ramp Closures Freeway-to-Freeway	19	8	5
Total	**110**	**91**	**67**

Top Duration Incidents

Location	Date/Duration	Details
EB I-696 @ I-275	09.24.2012 / 664 min.	Crash
NB I-275 @ Hannan	09.29.2012 / 321 min.	Crash
EBI-96 @ connector ramp to I-696 east	09.06.2012 / 311 min.	Crash
WB I-96 Express @ Wyoming	09.09.2012 / 268 min.	Roll over
NB I-75 @ Warren	09.15.2012 / 240 min.	Crash

The top duration **Incident** occurred along **I-696** and lasted **664** minutes, compared to the average incident duration along **I-696** of **62.4** minutes.

Freeway Incident Hot Spots



The top **Event** locations for the month are identified on the map. Each month the locations and **Event** types may change. Hot spot **Events** may include accidents, debris or weather-related events. Details for each location depicted on the map can be found in the "Hot Spot Activity" table below.

The hot spots depicted on the map are described in this table. The number of hot spot **Event** locations may vary each month depending on the threshold used for categorizing the location as a "top" hot spot. The threshold is chosen after analyzing the data and identifying the logical gap where the "top" and "normal" activity levels fall. This month, a threshold of **24 Events** was used.

Hot Spot Activity

Location Number	Event Type	Location	Numbers of Incidents	Percent of Incident Total
1	Accident	WB I-96 between Greenfield and Schaefer	54	11%
2	Accident	WB I-94 between Monroe and Beech Daly	44	9%
3	Accident	EB I-96 between Evergreen and Greenfield	32	9%
4	Accident	EB I-96 between Greenfield and Wyoming	31	6%
5	Accident	EB I-94 between Outer Drive and Greenfield	26	5%
6	Accident	WB I-96 between Telegraph and Southfield	25	5%
7	Accident	SB I-75 between Crooks and Rochester	24	5%
8	Accident	WB I-696 between Van Dyke and Ryan	24	5%
9	Accident	EB I-94 Between Shook and Little Mack	24	5%