

*2016 FHWA & MDOT*

*Local Agency  
Construction Focus Areas  
Webinar*

*May 4, 2016*

*9:00 to 10:30am*

*&*

*May 10, 2016*

*2:00 to 3:30pm*

# *Introduction*

*Kelly L. Crannell, P.E.*

*MDOT Local Agency Construction Engineer  
Construction Field Services, Diamondale, MI  
517-230-8500*

*Tim Croze, P.E.*

*MDOT Construction Contracts Engineer  
Construction Field Services, Diamondale, MI  
517-243-5977*

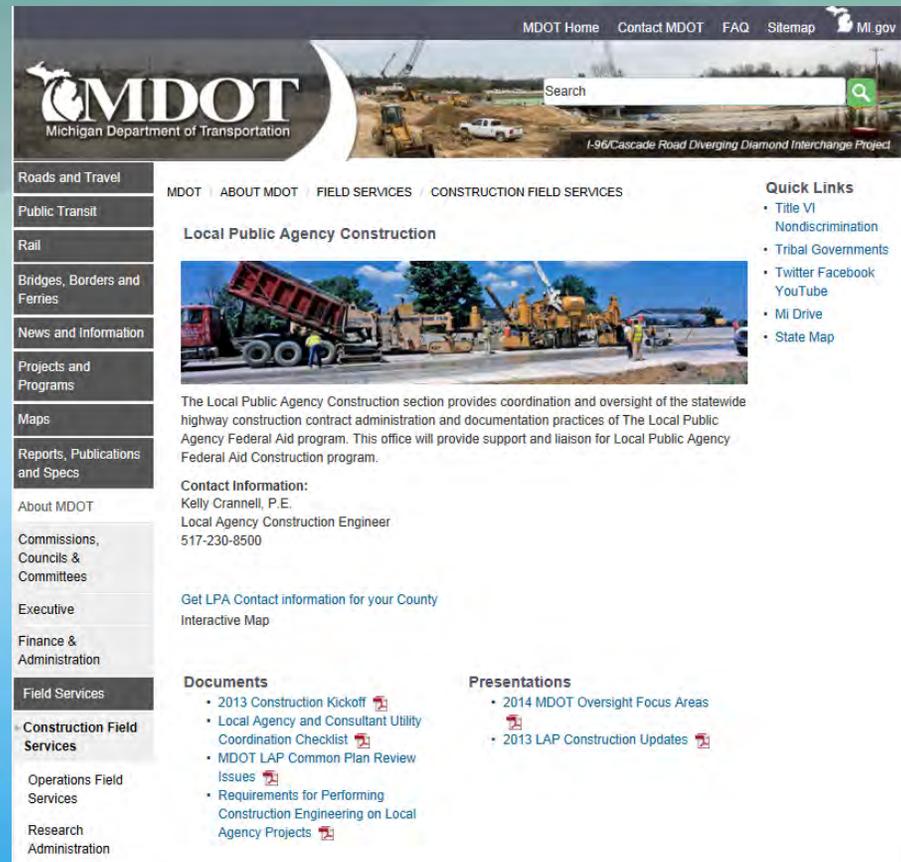
# *MDOT Oversight Responsibilities*

- *Per Title 23 of the Code of Federal Regulations*
  - *MDOT is responsible for all Federal Aid Highway projects developed & delivered*
- *MDOT Role*
- *Local Agency Role*

*Oversight Responsibilities:*

*[http://mdotwiki.state.mi.us/construction/index.php/Local\\_Agency](http://mdotwiki.state.mi.us/construction/index.php/Local_Agency)*

# Local Agency Construction Website



The screenshot shows the MDOT website's 'Local Public Agency Construction' page. At the top, there is a navigation bar with links for 'MDOT Home', 'Contact MDOT', 'FAQ', 'Sitemap', and 'Mi.gov'. Below this is the MDOT logo and a search bar. The main content area is titled 'Local Public Agency Construction' and features a photograph of a construction site with a dump truck and heavy machinery. The text below the photo describes the section's role in coordinating and overseeing statewide highway construction contracts. It also provides contact information for Kelly Crannell, P.E., the Local Agency Construction Engineer, with a phone number of 517-230-8500. A link is provided to an 'Interactive Map' for getting LPA contact information by county. On the left side, there is a vertical menu with various service categories, including 'Construction Field Services'. On the right side, there is a 'Quick Links' section with links to Title VI Nondiscrimination, Tribal Governments, social media, and a State Map. At the bottom, there are sections for 'Documents' and 'Presentations' with links to various reports and updates.

MDOT Home Contact MDOT FAQ Sitemap Mi.gov

**MDOT**  
Michigan Department of Transportation

Search

I-96/Cascade Road Diverging Diamond Interchange Project

Roads and Travel  
Public Transit  
Rail  
Bridges, Borders and Ferries  
News and Information  
Projects and Programs  
Maps  
Reports, Publications and Specs  
About MDOT  
Commissions, Councils & Committees  
Executive  
Finance & Administration  
Field Services  
Construction Field Services  
Operations Field Services  
Research Administration

MDOT ABOUT MDOT FIELD SERVICES CONSTRUCTION FIELD SERVICES

### Local Public Agency Construction



The Local Public Agency Construction section provides coordination and oversight of the statewide highway construction contract administration and documentation practices of The Local Public Agency Federal Aid program. This office will provide support and liaison for Local Public Agency Federal Aid Construction program.

**Contact Information:**  
Kelly Crannell, P.E.  
Local Agency Construction Engineer  
517-230-8500

Get LPA Contact information for your County  
Interactive Map

#### Documents

- 2013 Construction Kickoff
- Local Agency and Consultant Utility Coordination Checklist
- MDOT LAP Common Plan Review Issues
- Requirements for Performing Construction Engineering on Local Agency Projects

#### Presentations

- 2014 MDOT Oversight Focus Areas
- 2013 LAP Construction Updates

#### Quick Links

- Title VI Nondiscrimination
- Tribal Governments
- Twitter Facebook YouTube
- Mi Drive
- State Map

[http://www.michigan.gov/mdot/0,4616,7-151-9623\\_26663\\_27303\\_64803---,00.html](http://www.michigan.gov/mdot/0,4616,7-151-9623_26663_27303_64803---,00.html)

or google MDOT local agency construction

# MDOT TSC Local Agency Representatives

[http://www.michigan.gov/mdot/0,4616,7-151-9623\\_26663\\_27303\\_64803---,00.html](http://www.michigan.gov/mdot/0,4616,7-151-9623_26663_27303_64803---,00.html)  
interactive county map listing MDOT Designated Representatives (DR's)

The screenshot displays the MDOT website interface. At the top left is the MDOT logo with the text "Michigan Department of Transportation". To the right is a search bar and a navigation menu with links for "Home", "Contact MDOT", "FAQ", "Site Map", and "Images". Below the logo is a banner image of a construction site with the text "I-96/Cascade Road Diverging Diamond Interchange Project".

The main content area features a navigation menu on the left with categories: "Roads and Travel", "Rail and Public Transit", "Bridges, Borders and Ferries", "News and Information", "Projects and Programs", "Maps", "Reports, Publications and Specs", "About MDOT", "Commissions, Councils & Committees", "Executive", "Finance & Administration", "Field Services", "Construction Field Services", "Operations Field Services", "Research Administration".

The "Field Services" section is expanded to show "Construction Field Services". Below this is the "LPA Map" section, which includes a map of Michigan divided into counties. A text prompt "Click on a county" is overlaid on the map. The map labels include: Kalamazoo, Houghton, Ontonagon, Benzie, Marquette, Alger, Lake, Chippewa, Gogebic, Iron, Dickinson, Delta, Schoolcraft, Mackinac, Mecumac, Emmet, Charlevoix, Presque Isle, Benzie, Grand Traverse, Kalamazoo, Crawford, Oscoda, Alcona, Antrim, Otsego, Montcalm, Arenac, Charlevoix, Chatham, Presque Isle, Benzie, Grand Traverse, Kalamazoo, Crawford, Oscoda, Alcona, Antrim, Otsego, Montcalm, Arenac, Mason, Lake, Oshtemo, Clare, Gladwin, Arenac, Huron, Ogemaw, Ionia, Montcalm, Gladwin, Saginaw, Tuscola, Sanilac, Muskegon, Oceana, Benzie, Mecosta, Isabella, Midland, Bay, Montcalm, Gladwin, Saginaw, Tuscola, Sanilac, Muskegon, Ottawa, Kent, Ionia, Clinton, Shiawassee, Genesee, Lapeer, St. Clair, Allegan, Barry, Eaton, Ingham, Livingston, Oakland, Macomb, Van Buren, Kalamazoo, Calhoun, Jackson, Washtenaw, Wayne, Benzie, Cass, St. Joseph, Branch, Hillsdale, Lenawee, Monroe.

# Wiki Construction Manual

Main page  
Community portal  
Current events  
Recent changes  
Random page  
Help  
Content Revision  
Procedures

▼ Division 1 – General  
101 - Terms, Format,  
and Conditions  
102 - Bid Submission,  
Award, and Execution  
of Contract  
103 - Scope of Work  
104 - Control of Work  
105 - Control of  
Materials  
106 - Quality  
Assurance  
Acceptance Program  
107 - Legal Relations  
and Responsibility to  
the Public  
108 - Prosecution and  
Progress  
109 - Measurement  
and Payment  
150 - Mobilization

Division 1  
Supplemental  
Information  
e-Construction  
e-Signature  
FieldManager

## CONSTRUCTION MANUAL



### Bureau of Field Services Construction Field Services Division



[http://mdotwiki.state.mi.us/construction/index.php/Main\\_Page](http://mdotwiki.state.mi.us/construction/index.php/Main_Page)

# *Common Project Documentation Deficiencies*

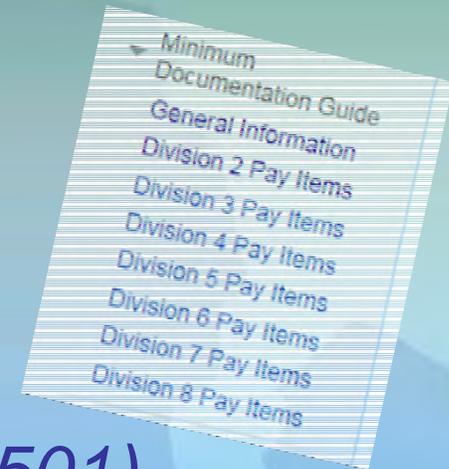
- *Warranty documentation for electrical/ITS products not on file*
  - *(manufacturer product warranties not in file as required per SP)*
- *Materials not associated to pay items on IDR's*
  - *(especially electrical/ITS items)*
- *Missing final signed DBE/Supplier Form 2124A*
  - *Requires a signature to fulfill CFR requirements*
- *Missing or incomplete wage rate interviews*
  - *(forms often lack required information or signatures)*
- *Density reports incomplete*
  - *(missing required information or incorrectly filled out)*

# *Deficiencies in Documentation*

- *Deficiencies jeopardize*
  - *federal-aid*
  - *local agency ability to provide oversight*

# *Wiki Construction Manual Documentation Assistance*

- *Minimum Documentation Guide*
- *Material Source Guide*
- *Material Source List (MDOT Form 501)*







# Timely Progress Payments

- *MDOT will be reviewing Local Agency and Consultant timeliness on the following items*
  - *Payments (Item History to Date)*
  - *Failure to generate timely contract mods*
- *Do not omit reporting of work items*
- *Process contract mods immediately*
- *Document material deficiencies*
- *Refer to CM Section 109*

# Contract Modifications

- *Formal process for revising terms of existing contract*
  - *Scope*
  - *Cost*
  - *Schedule*

<b>Approval Level Required</b>	<b>Net Cumulative Increase to Contract of all CMs</b>
<b>Tier 1-TSC</b>	5% or less
<b>Tier 2-Region</b>	Greater than 5% and less than 10%
<b>Tier 3-BFS</b>	Greater than 10%

# *Contract Modifications – General Tips*

- *Generate as changes occur*
  - *Faster processing*
  - *Information is current*
  - *Easier to stay under Tier threshold if you deduct unused items at same time you add new ones.*
- *Discuss with TSC prior to starting work on new items*
- *FHWA is also looking at how prices are negotiated much closer*

# *Contract Modifications – General Tips*

- *Explain how you Negotiated Prices*
  - *Not everything has to use Average Unit Prices*
  - *Engineer is the expert on-site*
  - *Using the contractors draft Force Account Workplan is an excellent justification for a lump sum price agreement*
  - *Key words like Time & Materials, Force Account Methods, etc.. will generate closer scrutiny*

# *Overdue Finals*

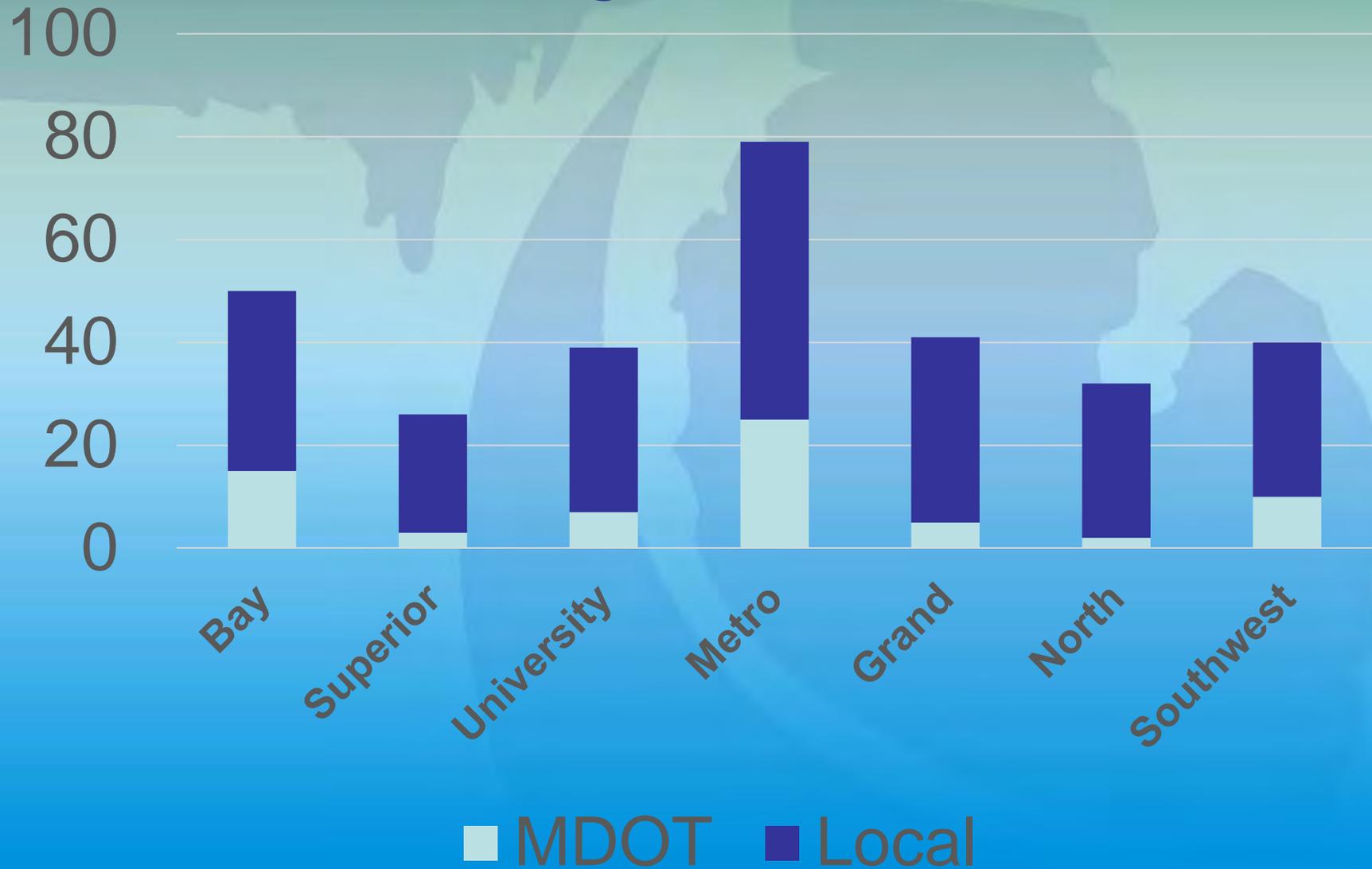
## *“Status of Overdue Finals Report”*

- *Reported quarterly*
- *Region breakdown of overdue finals*
- *Listing of consultants with overdue finals*
- *Comparison of MDOT vs. Local*

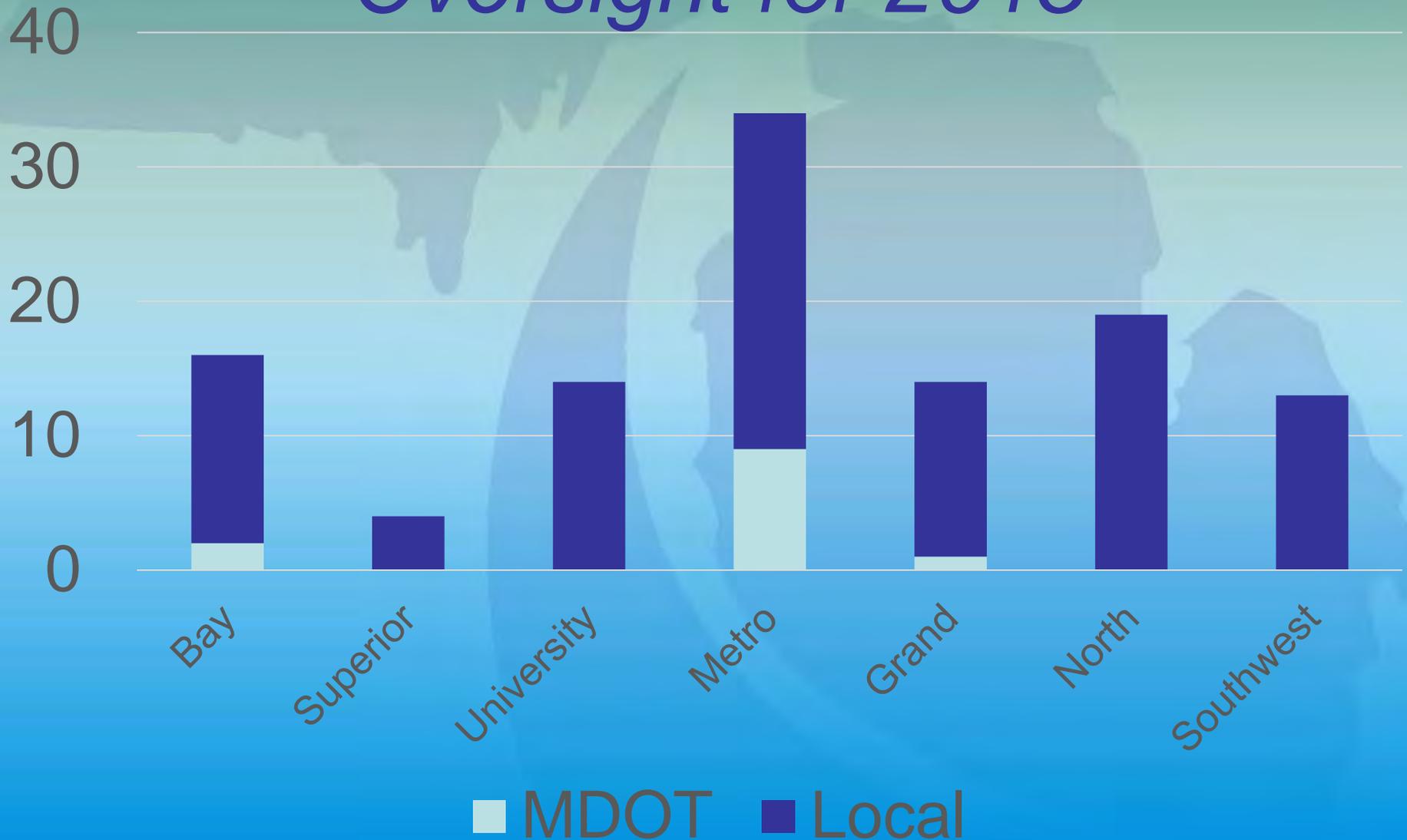
## *Concerns*

- *Too many projects on list*
- *Many for over a year*
- *Majority are Local Agency projects*

# Overdue Finals-MDOT Oversight for 2015



# Overdue Finals-Consultant Oversight for 2015



# *Contractor Performance Evaluations*

- *CPEs are critical to taking any action to remove a poorly performing contractor*
- *Not properly evaluating unsafe contractors may impact your co-workers on other jobs*
- *Strong documentation has proven effective to uphold low ratings through appeal process*

# *Warranty Legislation Update*

- *Act No 175, Public Acts of 2015 (amendment to 1951 PA 51)  
Effective April 1, 2016*
- *County Road Commissions - submit warranty plan by April 1, 2016*
  - *Plan submitted, currently under review*
  - *Implementation within one year after MDOT approval*
- *Cities & Villages – submit warranty plan by February 1, 2017*
- *Anticipate special provision with 2017 construction season*
- *Annual reporting requirements*

# Pedestrian ADA Access

*New SP's are approved and posted on the Web*

- *2012 Previously Approved*
- *Division 812 - Temp Traffic Control for Construction Zone Operation*
  - [Temporary Pedestrian Barrier with Fence-12DS812\(J800\)-10-30-15](#)
  - [Temporary Pedestrian Type II Barricade-12DS812\(J820\)-10-30-15](#)
  - [Temporary Pedestrian Type II Channelizer-12DS812\(J825\)-10-30-15](#)
- *Division 8 – Incidental Construction*
  - [Temporary Pedestrian Path-12DS800\(J810\)-10-30-15](#)
  - [Temporary Pedestrian Ramp-12DS800\(J815\)-10-30-15](#)
  - [Temporary Pedestrian Passing Space-12DS800\(J805\)-10-30-15](#)
- *2012 Templates Division 8 – Incidental Construction*
  - [Temporary Bus Stop-12TM800\(A325\)-10-30-15](#)

Contact Chris Brookes for Additional Information:

[brookesc@michigan.gov](mailto:brookesc@michigan.gov)

(517) 636-0300

# *Pedestrian ADA Enhancements*



# 2016 E-Construction

- *All locals have the option of implementing E-Construction*
- *Send an email to:*  
[MDOT-ProjectWiseLocalAgency@michigan.gov](mailto:MDOT-ProjectWiseLocalAgency@michigan.gov)
- *Local needs to request access on behalf of their consultant*
  - *names & email for users*
  - *project information*



*Questions???*