



COUNTY  
ENGINEER'S  
WORKSHOP – 2019

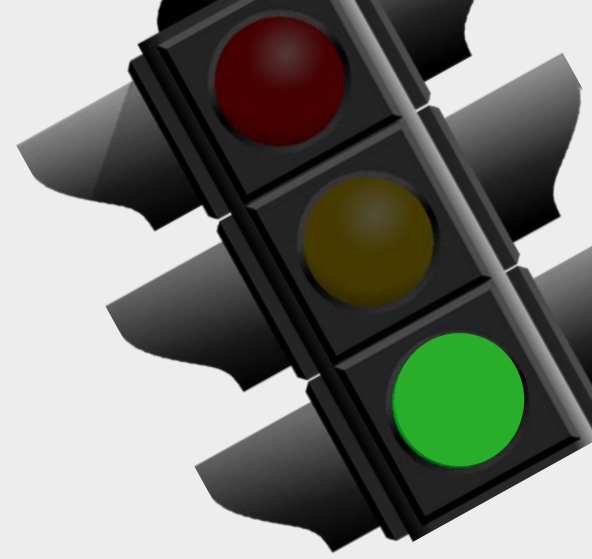
LOCAL AGENCY  
PROGRAM UPDATE

---

Tracie Leix, P.E.

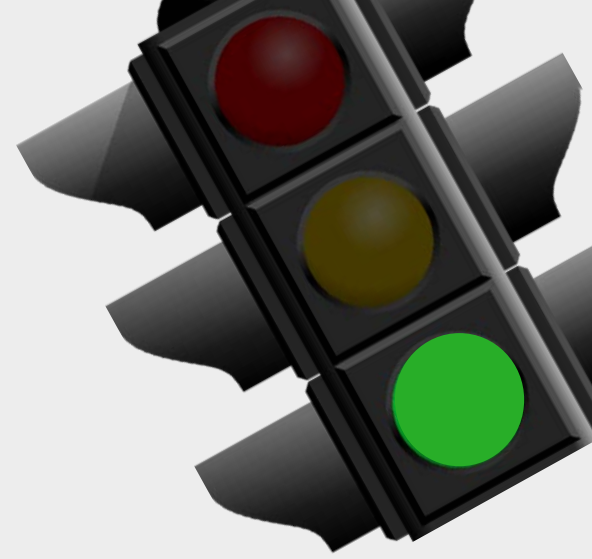
Bruce Kadzban, P.E.

# MDOT PERSONNEL CHANGES



Paul Ajegba –	MDOT Director
Tony Kratofil –	Chief Operations Officer
Dee Parker –	University Region Engineer
Kim Avery –	Metro Region Engineer
Will Thompson –	Southwest Region Engineer
Todd White –	Director, Bureau of Planning

# MDOT PERSONNEL UPDATES



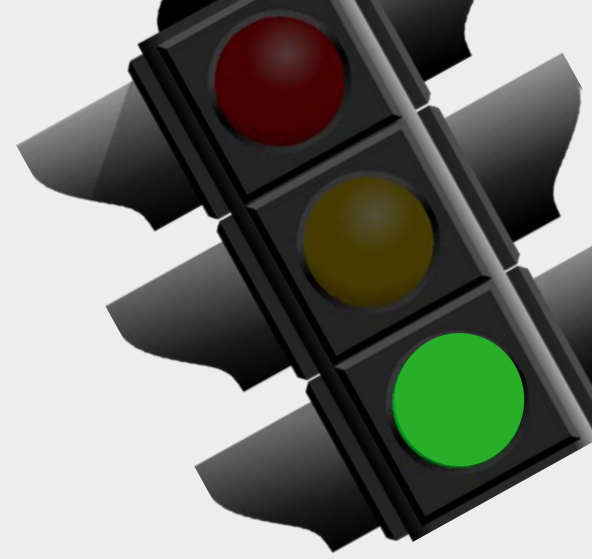
Ryan Doyle – LAP Urban/Safety Unit Manager

Eric Costa – Local Agency NEPA Coordinator

India Heard – Local Agency Real Estate Coordinator

Jon Stratz – Local Agency Innovative Contracting Engineer

# SHPO EXEMPTIONS & APPLICATION TIPS



Updated May 2018

Effective for Projects Let After January 1, 2019

## Major Changes

- Guardrail
- Traffic Signal Poles
- Curb Ramps



Entire Project Must Be Exempt to BE EXEMPT

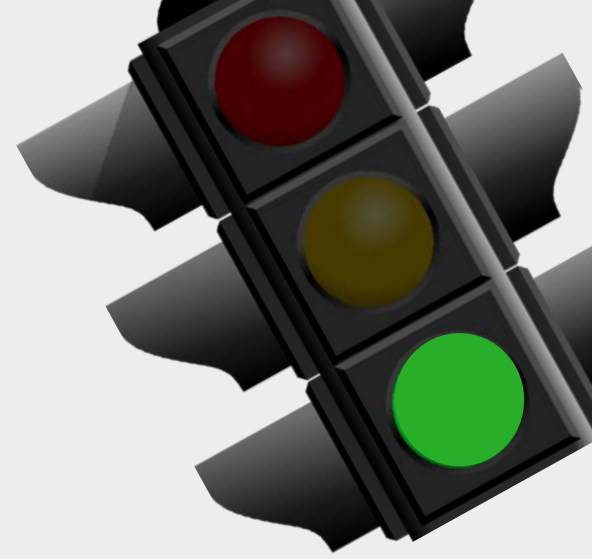
# FEDERAL ELIGIBILITY GUIDELINES

Updated August 2018

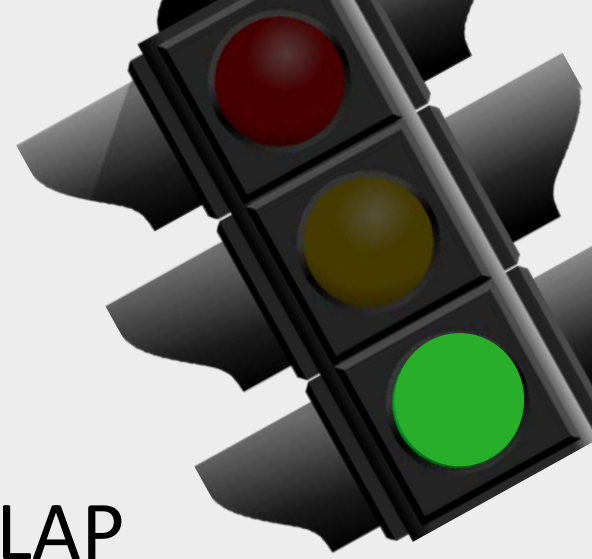
Effective Immediately

## Major Changes

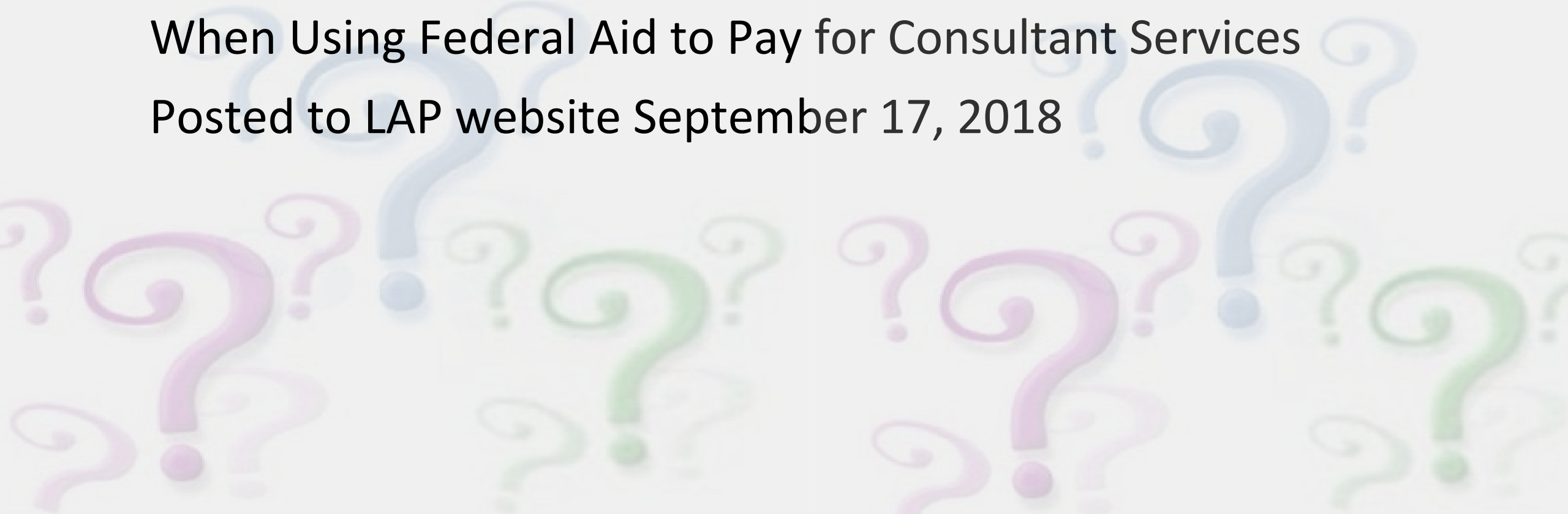
- Most Changes Were Clarifications
- Addition of Sidewalk and Parking
- Addition of Traffic Operations Centers and ITS Improvements



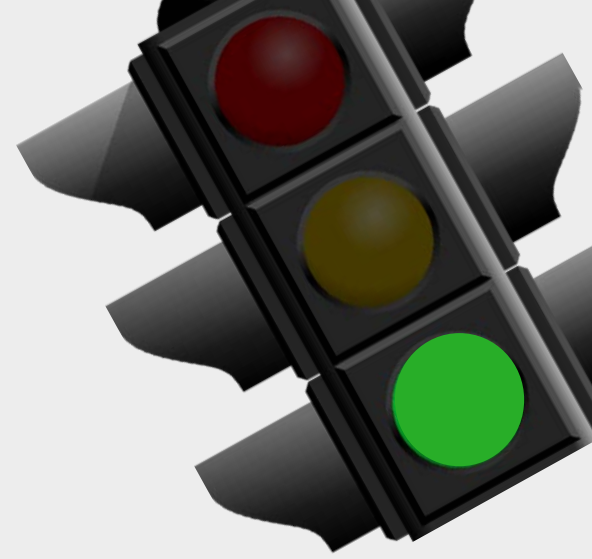
# FAQ FOR CONSULTANT SELECTION



Clarifies Frequently Asked Questions Received by LAP  
When Using Federal Aid to Pay for Consultant Services  
Posted to LAP website September 17, 2018



# WARRANTY PROGRAM



## Approval Dates:

- CRA/MML 9/4/18
- MDOT 9/18/18
- FHWA 11/1/18

LTAP Training Forthcoming

Local Agency Determines if Project has Warranty

- Program App includes Yes/No

Final SPs on MDOT LAP Website

Bond & Warranty Contract Condition of Award

# INNOVATIVE CONTRACTING PILOT PROJECTS

Fixed Price Variable Scope

Wayne County – Grosse Ile Bridge Foundation

- Design-Build
- Spring Letting

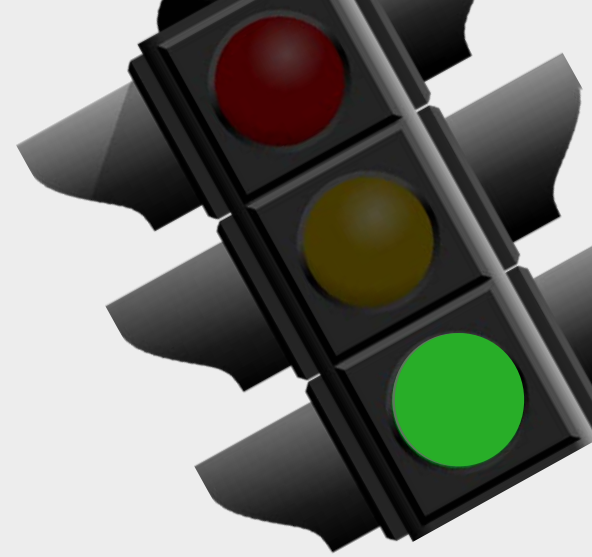
Macomb County – Mound Road Reconstruction

- Possible Design-Build
- FY20 Construction





# CO-SIGN



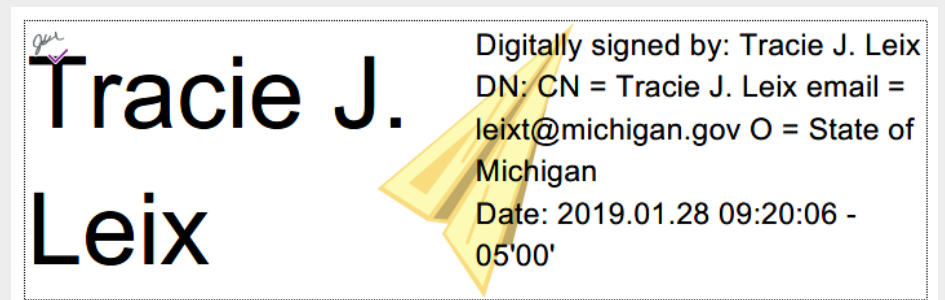
## Allowable:

- Program Application
- Design Exceptions or Variances

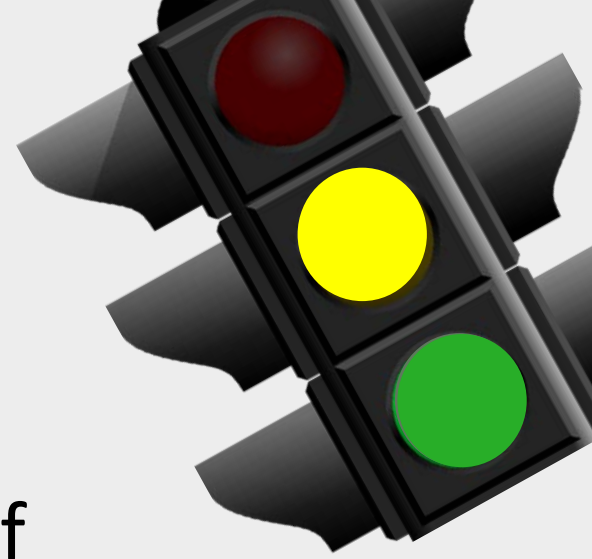
## Not Allowable:

- Title Sheets

## Consistent Signature Type



# COST SHARING AGREEMENTS



MDOT Has Started Sending Agreements at Time of Obligation

- Speed up Award of Projects

Agreements Section to Pilot Electronic Agreements

- Utilizing Co-Sign

# NEPA DOCUMENTATION



## Training On-Going

- Schedule Posted to LAP Website

## Start Using NEPA Application NOW

- MDOT Form 5323
- 2-6 Months in Advance of GI Submission

All FY20 Project GI Submitted on/after October 1, 2019

All FY21+ Projects

# NON-VALUE ADDED COSTS



FHWA Will Not Participate in Non-Value Added Costs

- During Construction Due to Design Error/Omission
- Premium Costs

Define Design Error/Omission

Cost Sharing Agreement Language

Guidance Document & Training

Goal: Implementation by December 31, 2019

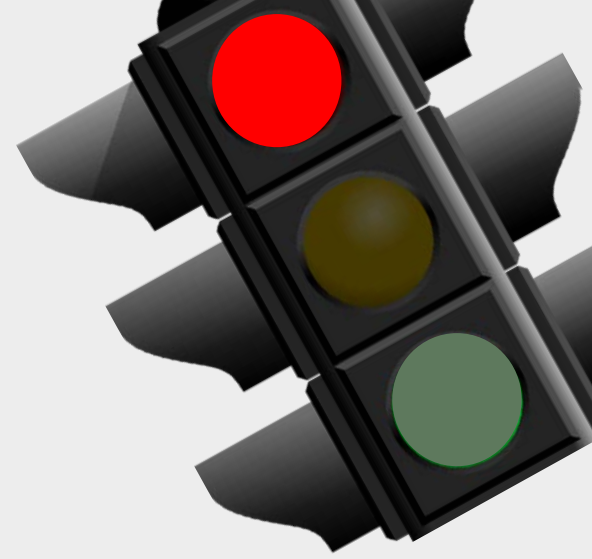
# PROGRAM APPLICATION STREAMLINING

Previously Scheduled for October 2018

Currently Scheduled for April 2019

Preparation for Software Program

Integrate NEPA Application



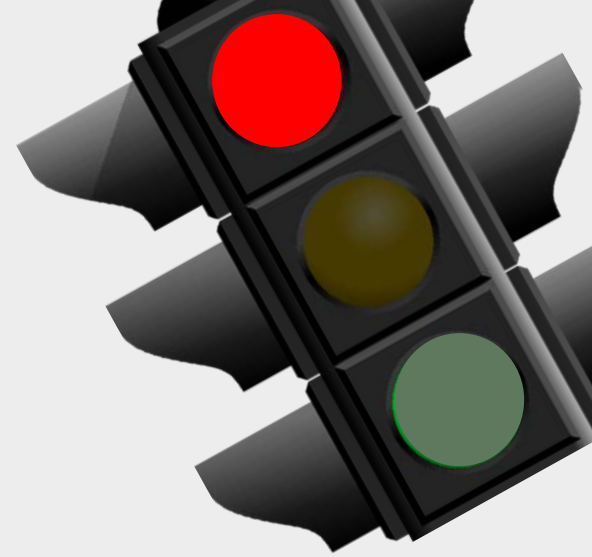
# CONFLICT OF INTEREST

Current Matrix Under Revision

Increased Flexibility

When Using Federal Aid to Pay for Consultant Services

Goal: Revised Document by December 31, 2019

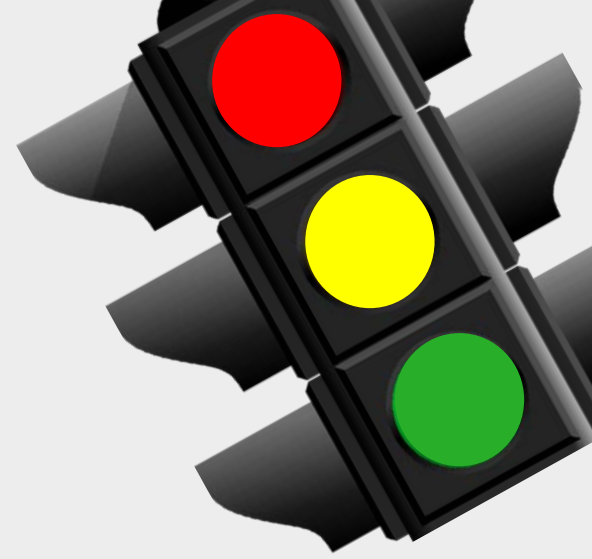


# FUNDING STATUS

\$20M Obligation Authority Loan from Trunkline

- Trunkline Program Also Running Low on Funds
- Covers Projects Currently Turned In

May Start Seeing Requests to AC Projects



# PROJECT OBLIGATIONS & LETTING

65 Projects Obligated & Let **This** Year

82 Projects Obligated & Let **Last** Year

5 Year average is 75 Projects

## Challenges:

- JobNet Implementation
- 25% Threshold
- General Program Account Projects
- Changing FHWA Requirements





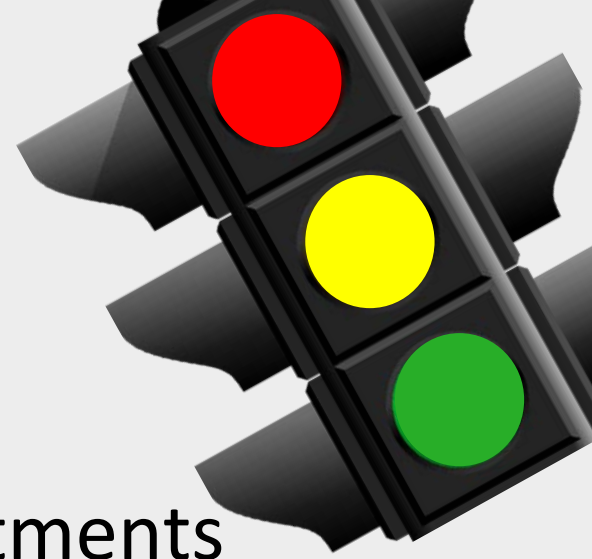
# STATE EARMARKS

Last Round were Community Infrastructure Investments

- MDOT-Local Agency Agreement & Project Reporting
- Locally Let and administered, unless Federal funds are involved

FY18 Supplemental

- No Guidance



# BRIDGE PROGRAM UPDATE

## Call for FY22 Applications – mid February

- Electronic Submittal Optional but Preferred
- DO NOT SCAN files – Convert to PDF
- Applications Due May 1, 2019
- Project Scoping – MDOT Scoping Manual Chapter 5
- Cost Estimating Worksheet Updated

# BRIDGE PROGRAM UPDATE

## Bridge Bundling

- Trunkline and Local Bridges
- Address Backlog of Poor, Serious, and Critical Bridges
- Other Programs – PA, OH, MO
- Feasibility Proposal to Administration

## Side by Side Box Beam Bridges

- MDOT Eliminating Design, Guides, Standards
- Applies to MDOT only but Local Agencies Encouraged to Follow

# SAFETY PROGRAM UPDATE

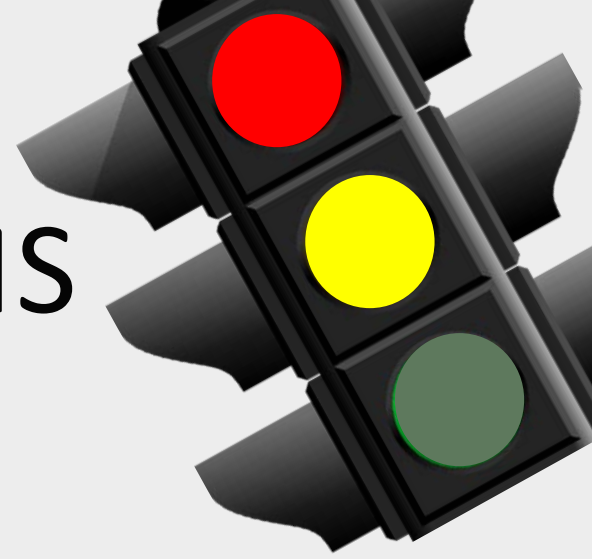
## 129 Total Applications Received

- 17 Systemic Streamlined
- 25 High Risk Rural Road
- 87 General HSIP

Selected Projects mid-February

Programmed into JobNet early March

# PROGRAM APPLICATION FORMS



MDOT Forms 0258, 0259, 0260

Updates include

- Page 2 – Added section for Pavement Warranties
- Page 4 – SHPO advisory effective date
- Page 5 – Notice regarding NEPA certification

Clear Form

This form must be completed, signed, sealed, and certified by a Licensed, Registered Professional Engineer, prior to scheduling the grade inspection meeting. Submit all pages of this form.

**PROJECT LOCATION AND LIMITS: Attach a Map showing the Project Location:**

ELIGIBLE APPLICANT AGENCY \_\_\_\_\_ DATE \_\_\_\_\_

ROUTE NAME \_\_\_\_\_

CROSSING \_\_\_\_\_

LENGTH OF PROJECT (Miles) \_\_\_\_\_ ZIP CODE OF MAJORITY OF PROJECT LOCATION\* \_\_\_\_\_

Is the project within urban limits?  Yes  No Which urban area? \_\_\_\_\_

Is the project within City/Village limits?  Yes  No Which City/Village? \_\_\_\_\_

Are other jurisdictions involved?  Yes  No If yes, identify: \_\_\_\_\_

NAME OF MPO OR RURAL TASK FORCE \_\_\_\_\_ TIP ID / SUBPROJECT NUMBER \_\_\_\_\_

\*This information is required by the State Administrative Board in order to approve the agreement and construction contract for this project.

**ROUTE TYPE: From the Structure Inventory and Appraisal Coding form (1717A):**

URBAN  Principal Arterial, 11, on-system  Minor Arterial, 12 or 14, on-system  Urban Collector, 17, off-system  Local, 19, off-system  
RURAL  Principal Arterial, 01 or 02, on-system  Minor Arterial, 06, on-system  Major Collector, 07, on-system  Minor Collector, 08, off-system  Local, 09, off system

On the National Highway System (NHS):  Yes  No

**EXISTING STRUCTURE:**

Number of spans: \_\_\_\_\_ at \_\_\_\_\_ feet, for a total overall length of: \_\_\_\_\_ feet;

Posted load limit \_\_\_\_\_ tons; Operating rating \_\_\_\_\_ tons;

Clear roadway width \_\_\_\_\_ feet; Width of sidewalks: \_\_\_\_\_ feet;

RAILING TYPE \_\_\_\_\_

STRUCTURE TYPE \_\_\_\_\_

CONDITION OF STRUCTURE \_\_\_\_\_ IF CLOSED, WHEN YEAR MONTH

CAN THE EXISTING STRUCTURE BE REHABILITATED  Yes  No, If No, explain: \_\_\_\_\_

**EXISTING APPROACH AWAY FROM THE INFLUENCE OF THE BRIDGE:**

Number of lanes: \_\_\_\_\_ at \_\_\_\_\_ feet each, total travel roadway width: \_\_\_\_\_ feet;

Type of pavement \_\_\_\_\_ Width of sidewalks: \_\_\_\_\_ feet;

Curb and Gutter  One Side  Both Sides  None

Shoulders Type \_\_\_\_\_ Width \_\_\_\_\_ feet, each side

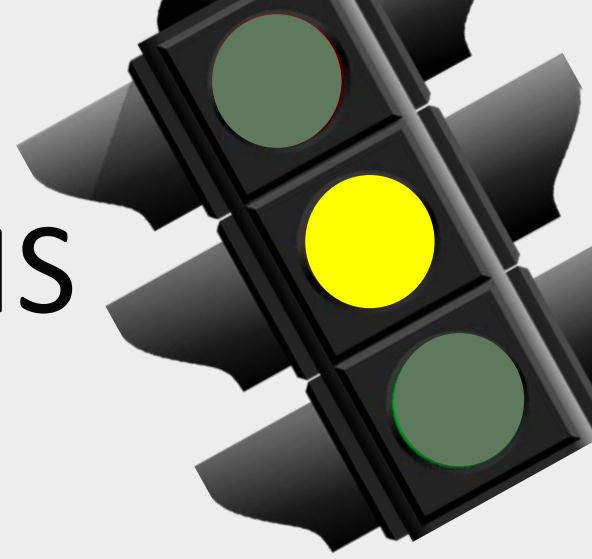


# PROGRAM APPLICATION FORMS

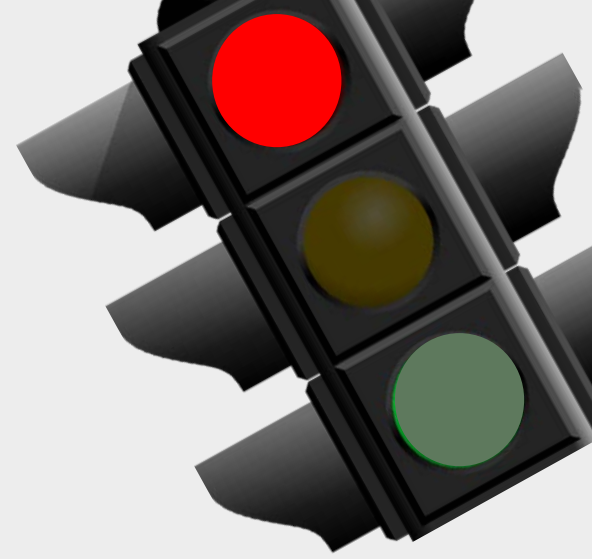
# PROGRAM APPLICATION FORMS

MDOT Forms 0258, 0259, 0260

**Use in all GI submittals from March 1, 2019  
and forward.**



# SHPO EXEMPTIONS & APPLICATION TIPS



Verify that the SHPO application is for your current project

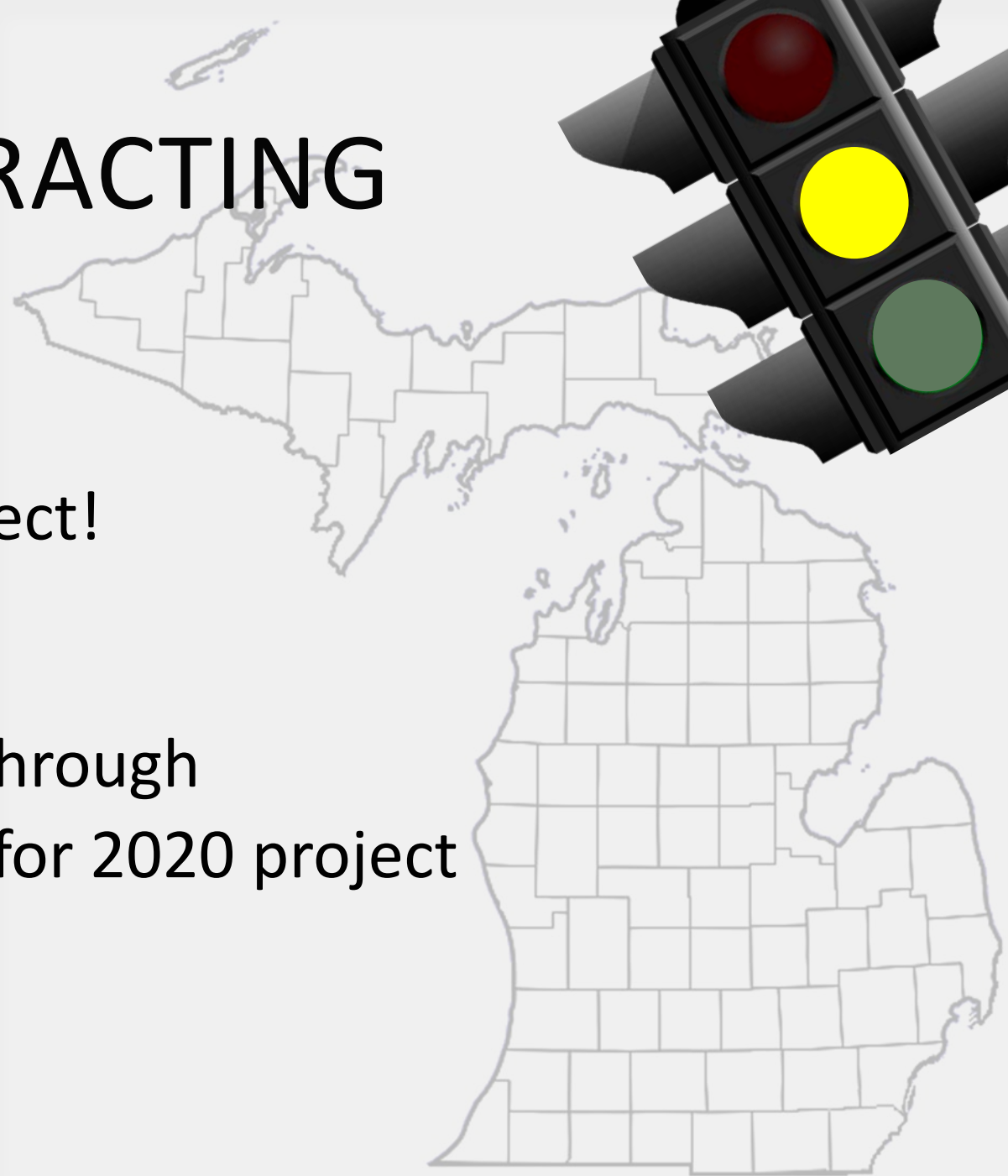
- Location, limits, work type on SHPO must agree with your current project



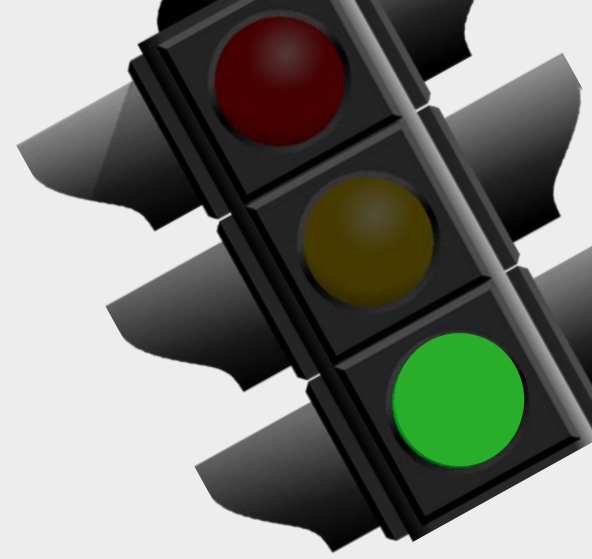
# INNOVATIVE CONTRACTING PILOT PROJECTS

LAP is waiting for the next project!

- Let's talk ASAP
- Plenty of details to work through
- Don't wait until Fall 2019 for 2020 project



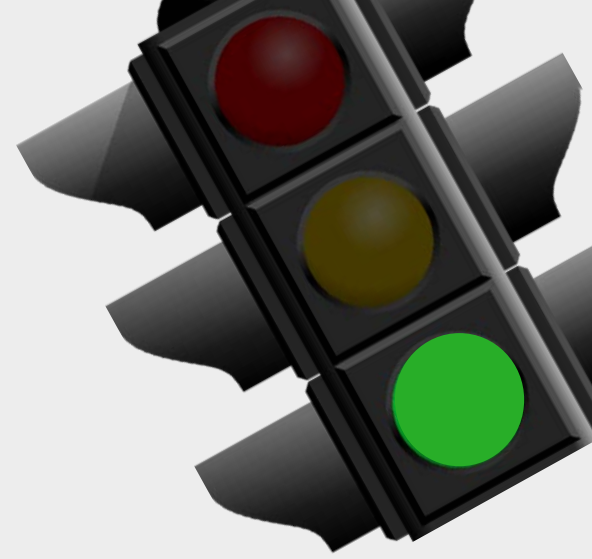
# WHAT WENT WELL IN 2018



## Construction

- Over 425 bid packages, approx. \$ 455M
  - Approximately 575 programmed projects
- 35 force account projects authorized, total \$ 2.6M

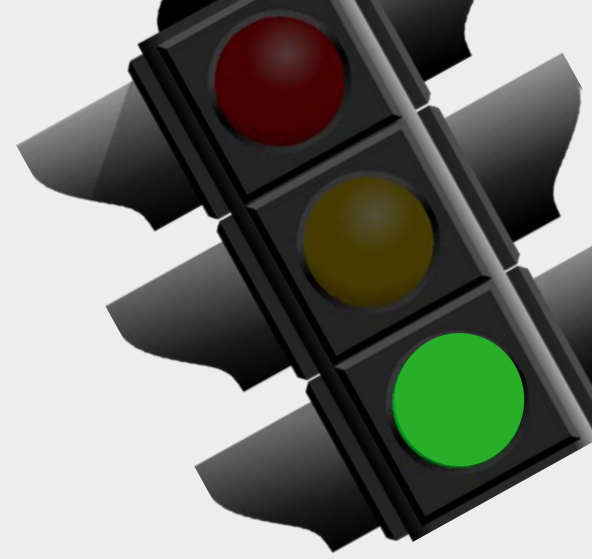
# WHAT WENT WELL IN 2018



## Emergency Storm Events

- 2018 Father's Day Storm – Western Upper Peninsula
  - Over \$30M LA construction contracts
- June 2017 Mid Michigan
  - Over \$ 7M LA construction contracts

# WHAT WENT WELL IN 2018



## Training and Information Sharing

- Participated in over 12 podcasts and webinars
- Issued 19 LAP Advisories and postings
- Participated in each Region's Partnership meetings
- Over 20 Region, TSC, and local workshops

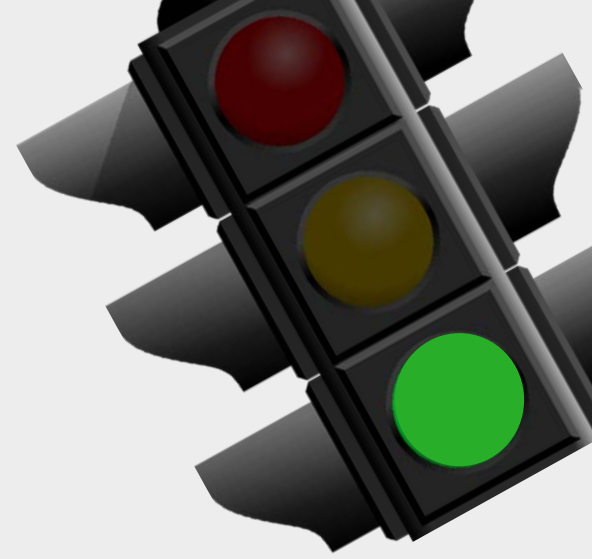
See the LAP website ([www.michigan.gov/mdotlap](http://www.michigan.gov/mdotlap))

Register for the LAP listserv

# WHAT'S COMING IN 2019

## Training and Information Sharing

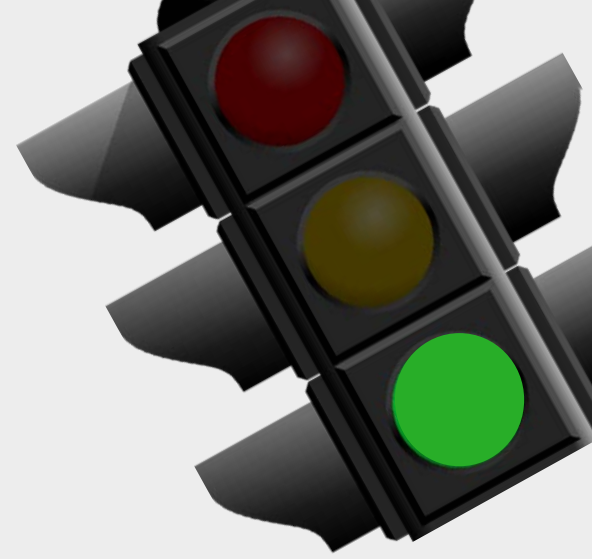
- Several more podcasts and webinars
- Warranty Training
- LAP Advisories and postings
- Region Partnership meetings scheduled for February thru April



# WHAT'S COMING IN 2019

## Training and Information Sharing

- Continuing with Region & TSC workshops
- Kickoff meetings for TAP and Safe Routes to Schools projects
- Updates to each Program Application form
- LAP website enhancements

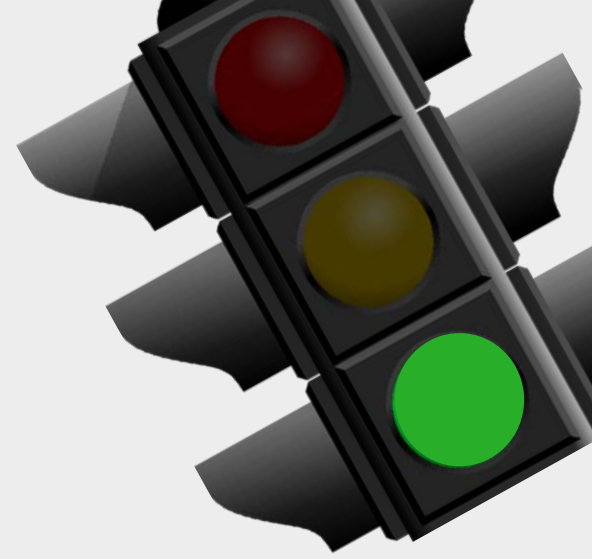


# WHAT'S COMING IN 2019

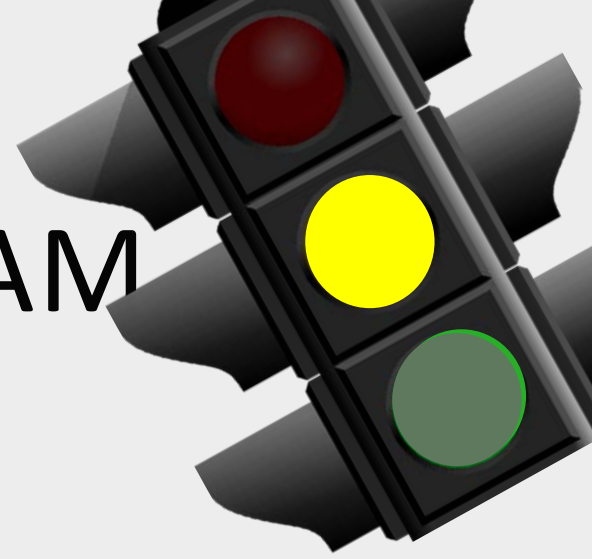
## Training and Information Sharing

LAP is open to your suggestions for

- presentations,
- podcasts,
- workshops,
- process improvements



# EMERGENCY RESPONSE PROGRAM



Training and Information Sharing

Can't predict the next one

MDOT and LAP process is in place

Federal program is evolving

If “it” happens, expect emails and phone calls from

- MDOT's Office of Safety and Security
- MDOT LAP



# LAP CONTACTS

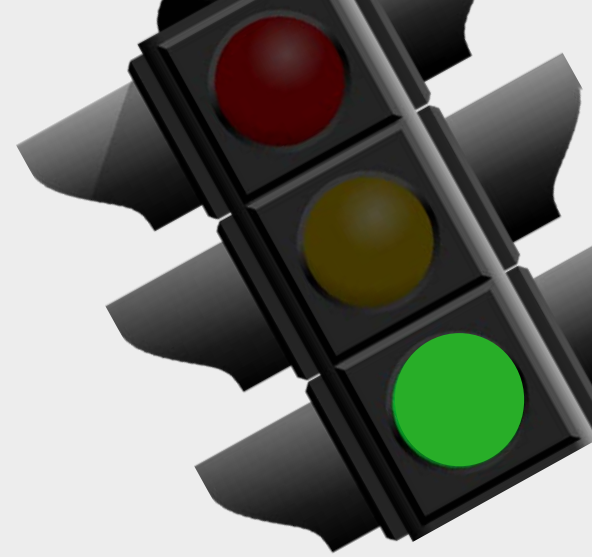
Larry Doyle – Administrator - Development Services Division  
doylel@michigan.gov 517-373-2200

Tracie Leix, LAP Supervisor  
leixt@michigan.gov, 517-335-2233

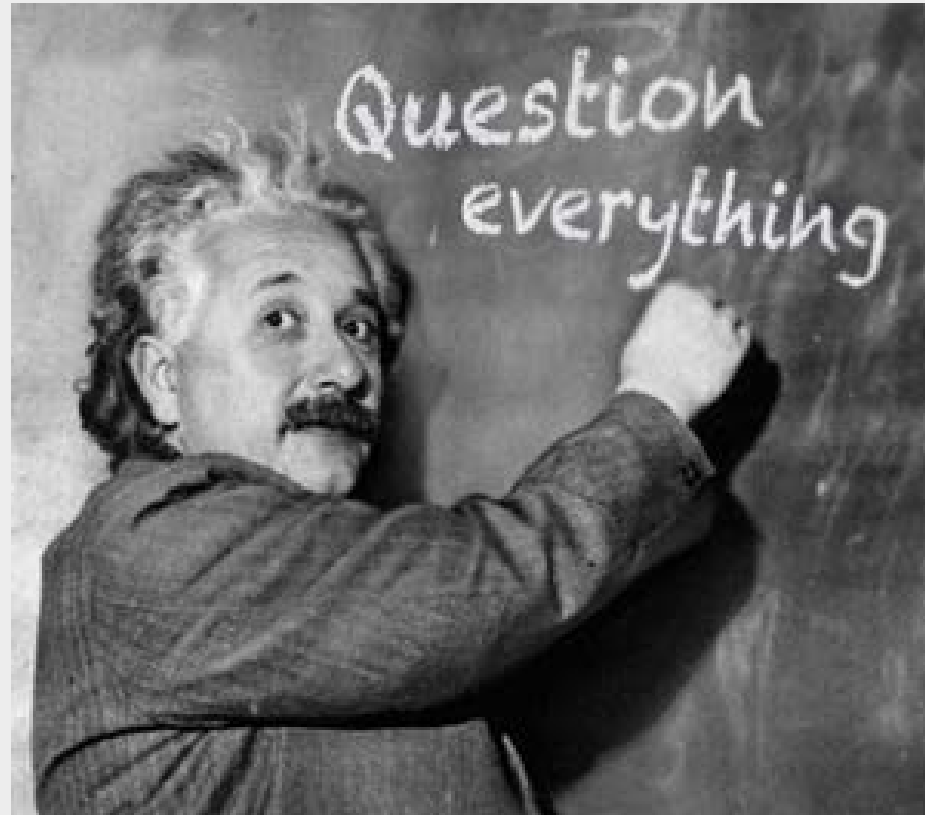
Keith Cooper–Bridge Unit  
cooperk@michigan.gov, 517-373-2346

Ryan Doyle– Urban & Safety Unit  
doyler3@michigan.gov, 517-335-2744

Bruce Kadzban – Rural and Enhancement Unit  
kadzbanb@michigan.gov, 517-335-2229



QUESTIONS? COMMENTS?

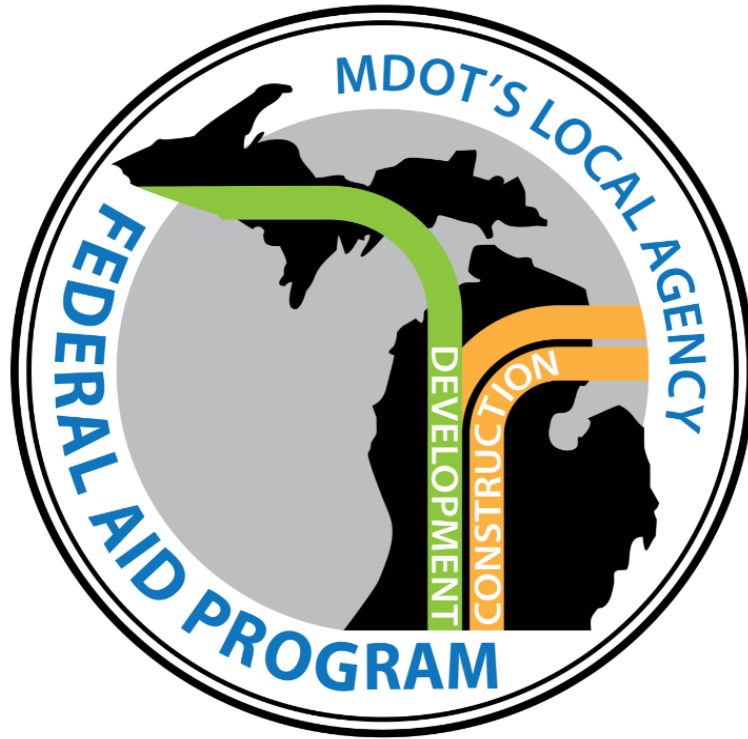


COUNTY ENGINEER'S WORKSHOP – 2019



THANK YOU!!

# MDOT Local Agency Construction Updates



Kelly L. Crannell, P.E., MBA  
MDOT-Local Agency Construction Engineer  
County Engineer Workshop  
February 5, 2019

# Local Agencies are Transportation Partners



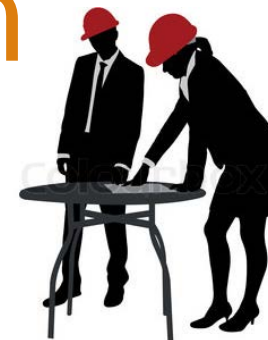




www.shutterstock.com · 208119574



# Transportation Network *is greater with the* Sum of it's Parts

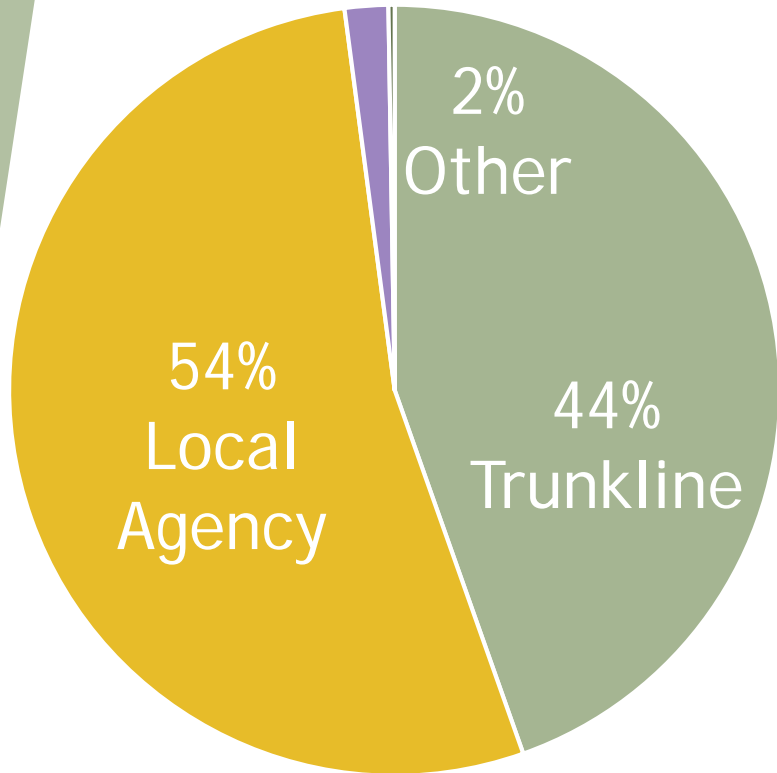


© Can Stock Photo - csp15247710

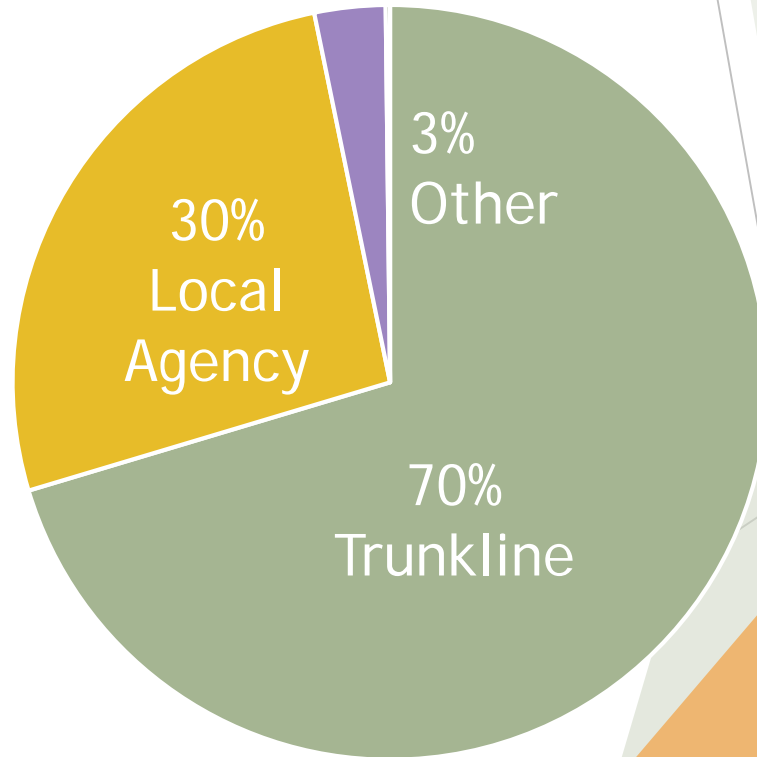


# FY '18 Letting Statistics

## Lettings



## Dollar Value





# Letting Notification



**2012 Standard Specifications for Construction**

Warranty	No	FHWA Oversight	No
DBE %	No	NHS	Yes

ITEM NUMBER

**1711 022**

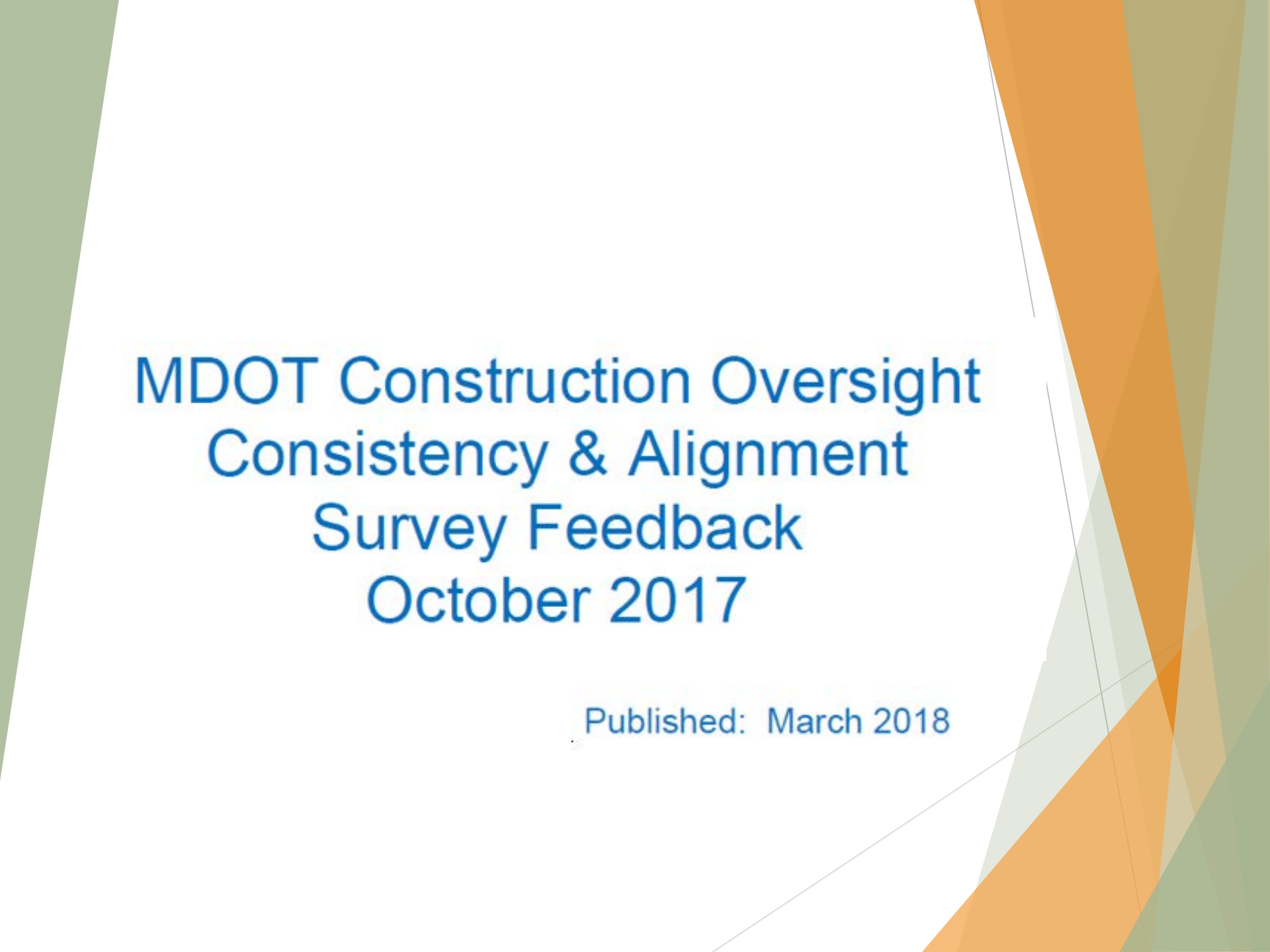
## STATE OF MICHIGAN DEPARTMENT OF TRANSPORTATION

### PROPOSAL

Traffic signal interconnection at 11 locations on Eureka Road from Allen Road to 5th Street in the cities of Southgate and Wyandotte, Wayne County. This is a Local Agency Project.

**BIDS WILL BE ELECTRONICALLY DOWNLOADED AT 10:30 AM LOCAL TIME, ON 11/3/17**

<u>CONTRACT ID</u>	<u>CONTROL SECTION</u>	<u>PROJECT</u>	<u>FEDERAL NO.</u>	<u>FED. ITEM</u>
82000-200931	CMG 82000	200931A	CMG 1782(103)	JJ5692



# MDOT Construction Oversight Consistency & Alignment Survey Feedback October 2017

Published: March 2018



# Improving consistency

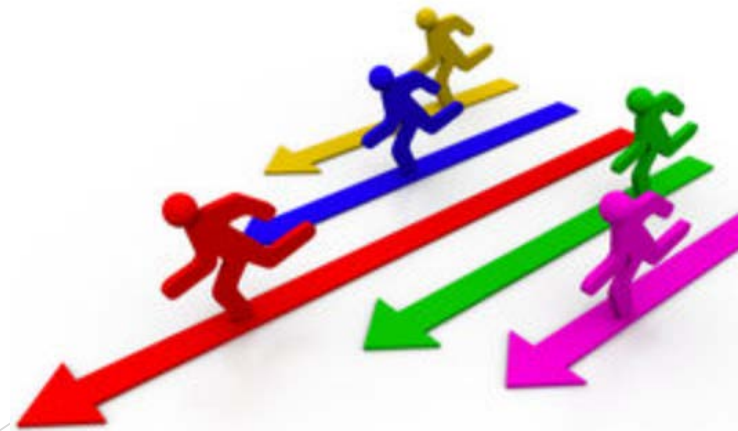
How do we provide predictable, reliable, non-contradictory oversight?



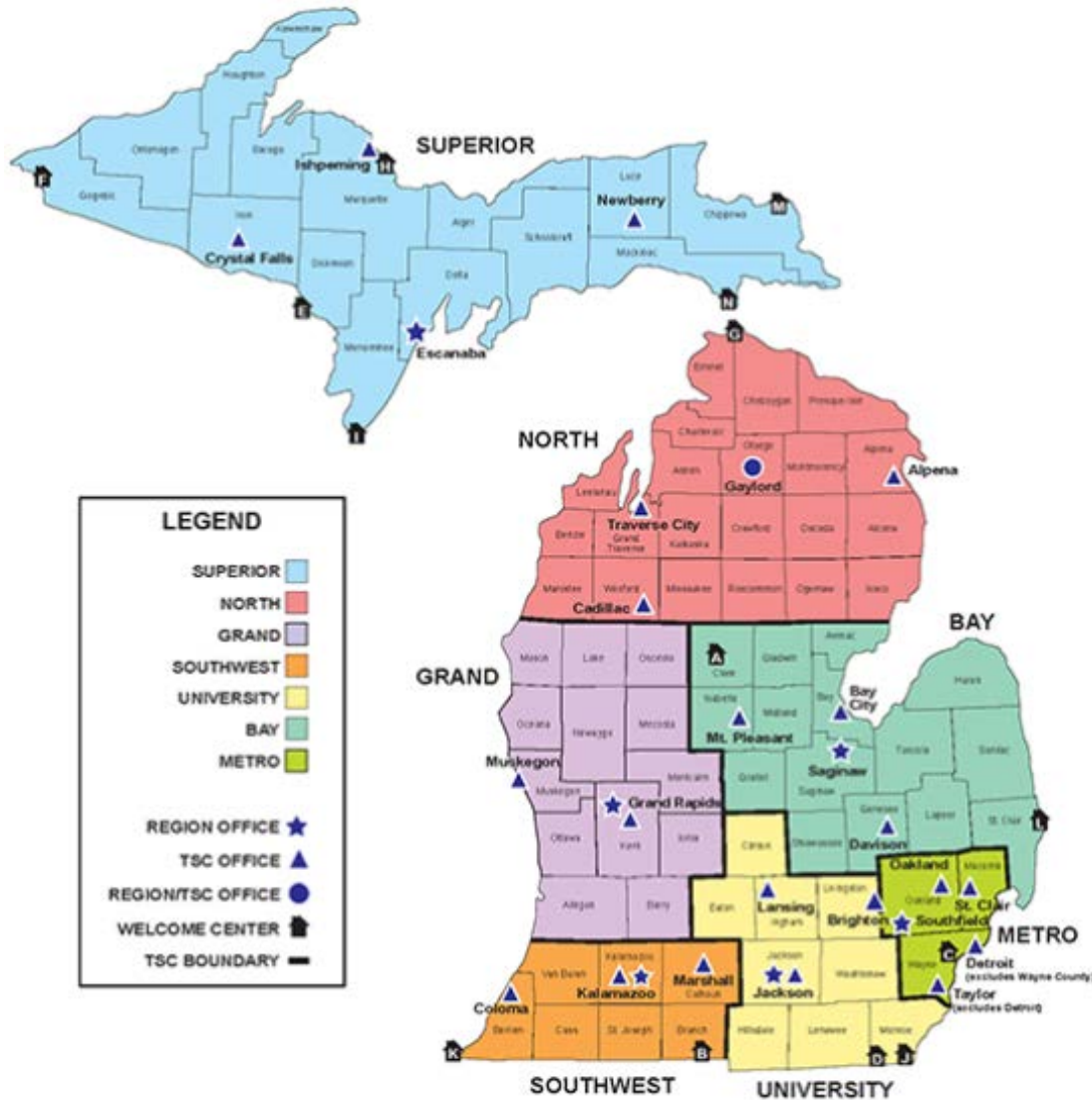


# Improving alignment

How do we get everyone to follow the same guidance?



What is MDOT doing internally?



# LAP/LPA Vision:

MDOT will assist local agencies with preserving state and federal aid in a fair and consistent manner and serve as an information resource.

# Improving Consistency & Alignment

- understand the program

# Improving Consistency & Alignment

- understand the program
- utilize existing guidance





Roads and Travel

Public Transportation

Rail

Bridges, Borders and Ferries

News and Information

Projects and Programs

Maps

Reports, Publications and Specs

About MDOT

Doing Business

Forms

Bridge Operations

Contractor Services

Vendor/Consultant Services

Local Agency Program

Urban Road Program

MDOT / DOING BUSINESS / LOCAL AGENCY PROGRAM

### Local Agency Program

- [FY 2018 Project Planning Guide](#) 
- [FY 2019 Project Planning Guide](#) 
- [Annual Local Agency Force Account Report](#)
- [Fiscal Year Obligation Reports](#)

### News and Policy Changes

- [Local Bridge Program Public Meeting Announcements](#)
- [Local Agency Program \(LAP\) Advisories](#)

### FHWA Emergency Relief

### NEPA Guidance

### Contact Us

### LAP Podcasts & Presentations

### Quick Links

- [Title VI Nondiscrimination](#)
- [Tribal Governments](#)
- [Twitter Facebook YouTube](#)
- [Mi Drive](#)
- [State Map](#)

### LAP Links

- [Local Public Agency](#)
- [MPOs](#)
- [RTF Program](#)
- [Local Agency FAQs](#)



Roads and Travel

Public Transportation

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

Research

[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 also provides support and liaison for the Local Public Agency Federal Aid Construction program.

[Survey Results: MDOT Construction Oversight Consistency & Alignment](#) 

Contact Us:

[Kelly Crannell, P.E.](#)

Local Agency Construction Engineer

517-230-8500

### MDOT LPA Designated Representative Contacts

ProjectWise Contacts:

[MDOT-ProjectWiseLocalAgency@michigan.gov](mailto:MDOT-ProjectWiseLocalAgency@michigan.gov)

Mike McInerney, 517-335-2997

Stu Laakso, 517-373-0541

[Map of Local Agencies Using ProjectWise](#) 

### Quick Links

- [Title VI Nondiscrimination](#)
- [Tribal Governments](#)
- [Twitter Facebook YouTube](#)
- [Mi Drive](#)
- [State Map](#)

### LPA Links

- [Local Agency Program](#)
- [MPOs](#)
- [RTF Program](#)
- [Local Agency FAQs](#)

## Local Agency Programs Section Federal Eligibility Guidelines

August 2018

**Examples of project elements that are eligible/ineligible for federal Surface Transportation Block Grant Program (STBG) funding as well as state transportation funds are listed below.** (The FAST Act converts the long-standing Surface Transportation Program (STP) into the Surface Transportation *Block Grant* Program).

If the RTF or MPO does not allow these items to be funded, then the work associated with these elements is not eligible for fund participation in that project, even though such elements are otherwise eligible. (i.e. Design or Construction Engineering services, Right-of-Way costs, all or certain types of sidewalk improvements, etc.)

In addition, please note that specific elements that are in an approved scope or part of a conditional commitment of a specific funding source, may be eligible, or ineligible due to that commitment, or approved scope of work. (i.e. TAP funds may pay for streetscapes, or streetlighting, if listed in the scope, that would otherwise be ineligible.)

### **Roadway and bridge elements**

a. Eligible:

1. Removal of existing elements such as pavement and shoulders including base and subbase. guardrail. signs. signals. curb and gutter. and other elements associated with.

[https://www.michigan.gov/documents/mdot\\_federal\\_Guidelines\\_99105\\_7.pdf](https://www.michigan.gov/documents/mdot_federal_Guidelines_99105_7.pdf)

# Improving Consistency & Alignment

- understand the program
- utilize existing guidance
- serve as information resource

### 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 also provides support and liaison for the Local Public Agency Federal Aid Construction program.

Survey Results: MDOT Construction Oversight Consistency & Alignment

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

MDOT LPA Designated Representative Contacts

ProjectWise Contacts:  
 MDOT-ProjectWiseLocalAgency  
 Mike McInerney, 517-335-2997  
 Stu Laakso, 517-373-0541  
 Map of Local Agencies Using P

#### Quick Links

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

#### LPA Links

- Local Agency Program
- MPOs
- RTF Program
- Local Agency FAQs

## Documents

## Cost Estimates

## Resources

## Webinars

- Sweating the Details - Part 3 - Increasing Your Funding Odds
- Sweating the Details - Part 7
- Addressing Risk in Design - Sweating the Details Part 2
- FHWA & MDOT Construction Update 2017
- 2018-FHWA/MDOT Construction Update
- 2018 Construction Documentation for LAP Field Inspectors-IDR Template Example
- 2018 Construction Documentation for LPA Field Inspectors

# Improving Consistency & Alignment

- understand the program
- utilize existing guidance
- serve as information resource
- attend, support & promote training

# Training & Outreach

LACE Telecon/  
Skype  
Mtg



Kelly L. Crannell, P.E., MBA  
MDOT - Local Agency Construction Engineer  
January 17, 2019 - 10am to noon  
Call in # 1-888-278-0296 code 4506835#

Information in blue  
added to ppt by Kelly  
(minutes/notes from  
conference call)

## Agenda Alignment for Spring Local Agency Workshops

- ▶ Grand - February 14, 2019
- ▶ Southwest - March 15, 2019
- ▶ Bay - April 3, 2019
- ▶ Metro - April 4, 2019
- ▶ North - April 5, 2019
- ▶ Superior
- ▶ Crystal Falls TSC - April 9, 2019
- ▶ Ishpeming TSC - April 10, 2019
- ▶ Newberry TSC - April 11, 2019
- ▶ University - TBD

LCP Tracker training being offered by Adam Strong  
during afternoon of many workshops  
(mandatory 12SP-104F-03 implementation - Oct '19 Letting)

## Federal-Aid 101: Local Agency Program (Construction Version)

PRESENTED BY:

KELLY L. CRANNELL, P.E.

LOCAL AGENCY CONSTRUCTION ENGINEER

TRACIE LEIX, P.E.

LOCAL AGENCY PROGRAM ENGINEER

LYNNETTE FIRMAN, P.E.

LAP URBAN PROJECT DEVELOPMENT ENGINEER

# Training & Outreach

ACEC/MDOT Partnering Conference

County Engineer Workshop

Construction Management Conference

LTAP Webinars

Spring Region Workshops



# Improving Consistency & Alignment

- understand the program
- utilize existing guidance
- serve as information resource
- attend, support & promote training
  - ask questions

# Construction Updates

- CoSign to DocuSign (incl SP)
- ProjectWise Updates
- Construction Manual Updates
- LTAP Webinars
- Minimum Documentation Updates
- LCP Tracker (mandatory Oct '19)
- Various FUSP's updated
- AASHTOware Updates
- Spec Book – Oct '20 Let/FY '21 Projects

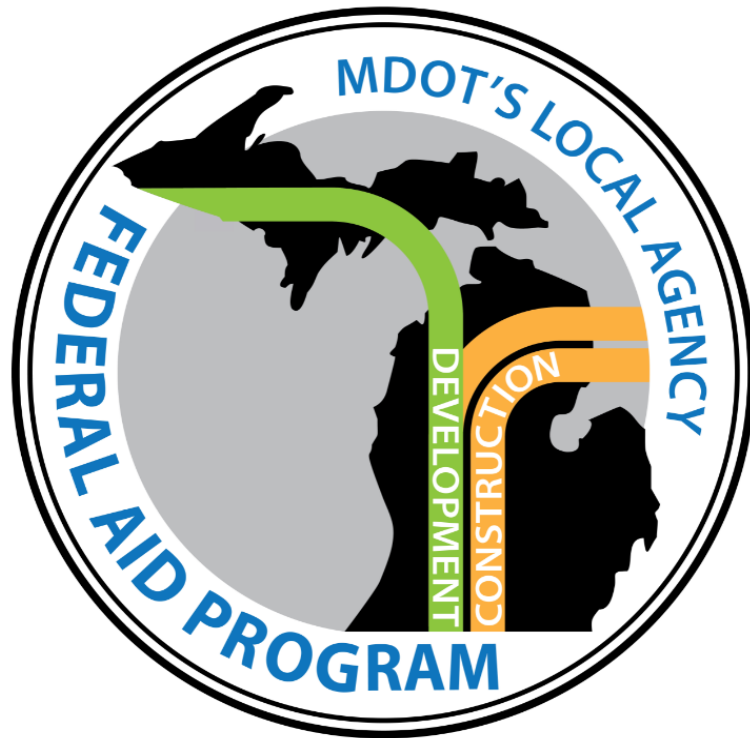
# Work Zone Awareness

**2019 NATIONAL WORK ZONE AWARENESS WEEK**



April 8<sup>th</sup> thru 12<sup>th</sup>

# Thank You



Kelly L. Crannell, P.E., MBA

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

517-230-8500

# Jason Gutting, PE



## Engineer of Construction