

# County Engineer's Workshop 2018

February 15, 2018

Shanty Creek Resort

Bellaire, Michigan

# County Engineer's Workshop 2018

## **MDOT Local Agency Program (LAP)**

Tracie Leix, PE – LAP Engineer

Bruce Kadzban, PE – Rural & Enhancement Unit Manager

Mark Harbison, PE – Urban & Safety Unit Manager

Keith Cooper, PE – Bridge Unit Manager

# Local Agency Program's Role

- ▶ Help minimize LA's risk of jeopardizing federal or state funds
- ▶ Prepare the final bid proposal documents
- ▶ Obligate federal / state funds
- ▶ Construction bidding

# REASONS FOR THESE DISCUSSIONS



Maintain consistency with the federal aid program

FHWA identified the Nationwide Local program as a potential area of risk

# Discussion Topics

Funding Status

FHWA Every Day Counts Initiatives

Local Public Agency Stakeholder Partnering  
Opening Up Communication

Safety Performance Measures

Bridge Program Update

Safety Program Update

# Discussion Topics

Recent LAP Activity

Delivering the Program

Electronic GI Document Submittal

FY 2018 LTAP Work Plan

# Federal Transportation Funding

Congress passed Continuing Resolutions which provides federal funding through March, 2018

Obligation Authority available until utilized or September 30, 2018

Awaiting notice of continued fund availability for current extension

MDOT Inactive Projects vs. FHWA FIRE List

- ▶ MDOT monitors projects at 6 months
- ▶ FHWA identifies projects at 12 months



# Safety Performance Measures

Required per MAP-21

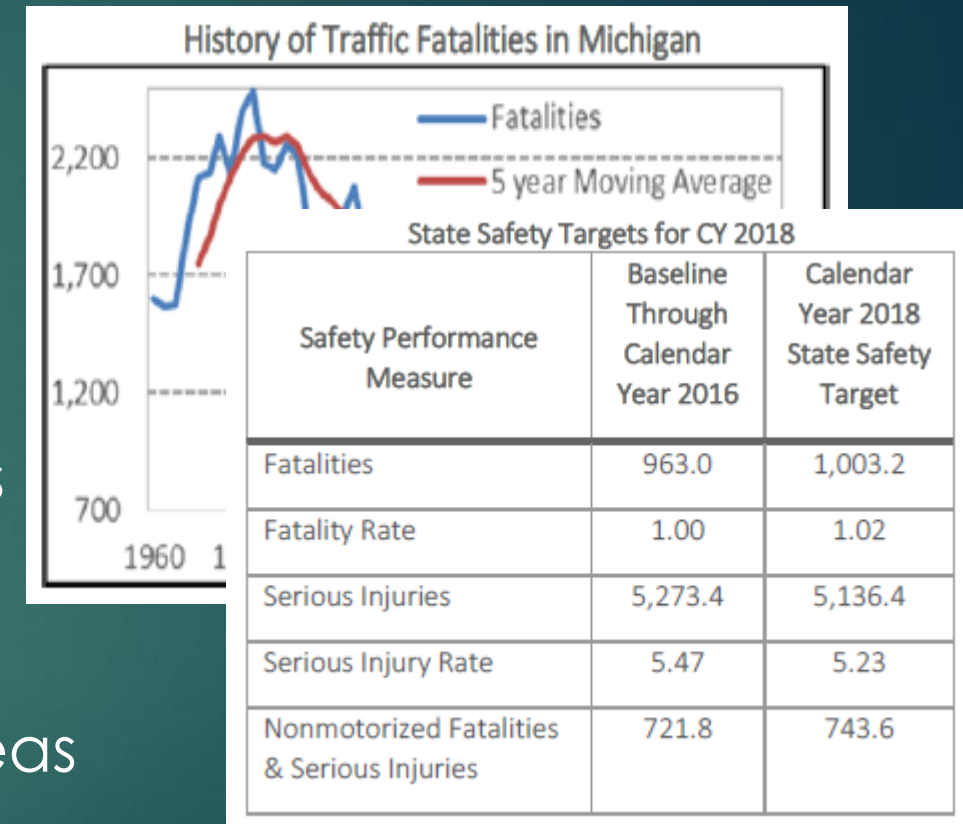
Measures Set at Federal Level

- ▶ Fatalities; Fatal Rate
- ▶ Serious Injuries; Serious Injury Rate
- ▶ Non-Motorized Fatalities & Serious Injuries

Targets Set at State or MPO Level

- ▶ MPO's may have set targets for MPO areas

*Consider how all projects and investments can help Michigan meet these targets!*





# Bridge Program

## Fiscal Year 2020 Bridge Project Applications

- ▶ \$48M Available for Preventive Maintenance, Rehabilitation or Replacement
- ▶ 359 applications received; 79 Selected
- ▶ Award Letters sent November 21, 2017
- ▶ Next Call Letter is issued, and posted on LAP website

# Bridge Program

Bridge Asbestos Testing for Bridge Work

- ▶ All Questionable Materials to be Tested

Research on Standardized Plans for Secondary Route Bridges

- ▶ Superstructure Plans

# Bridge Program

Recent Website postings:

Items Required for Local Agency Bridge Plan Review

Bridge FY 2021 call letter

Public Notice announcements for all Regional Bridge Council meetings

2018 LAP Bridge Scoping Cost Estimate Worksheets

All at [www.michigan.gov/mdotlap](http://www.michigan.gov/mdotlap)

# Safety Program Update

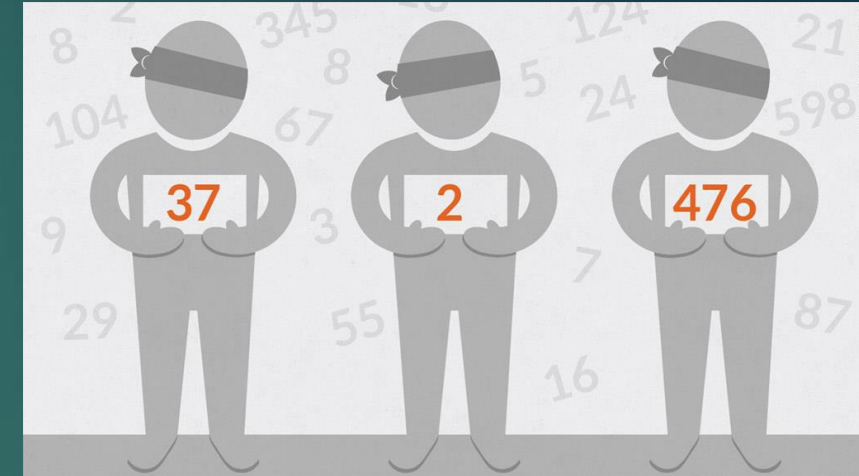
Scoring Meetings for **Fiscal Year 2019** Applications were held January 9-10

- ▶ **\$6M** for High Risk Rural Roads Projects
  - ▶ 31 Applications Scored; 24 Projects Selected
- ▶ **\$9M** for Safety Projects
  - ▶ 92 Applications Scored; 49 Projects Selected

All Applicants Have Been Notified by Phone

Award Letters will be sent out shortly

**FY20** Call for Safety Projects will be Early Summer 2018



Key Contact: Pamela Blazo, P.E.  
MDOT LAP Safety Engineer  
[blazop@michigan.gov](mailto:blazop@michigan.gov)

# LAP Guidelines for Geometrics

Guidelines for Geometrics (4R, 3R, PM) (Rev. July 24, 2017)

## Significant Updates:

- ▶ Changes to Design Exceptions/Design Variances
- ▶ 3' Paved Shoulders Required for Traffic Volumes > 2,000 ADT
- ▶ Additional Preventive Maintenance Treatments incl. Bridge
- ▶ Parabolic Crowns No Longer Allowed under 3R Work
- ▶ ADA Sidewalk Compliance Required when Concrete Patching > 50% of Intersection Area



Posted on the LAP website at:

- ▶ [www.michigan.gov/mdotlap](http://www.michigan.gov/mdotlap)
- ▶ (Select a LAP Unit) >> Design >> **Guidelines**



# HMA Selection Guidelines

- ▶ Hot Mix Asphalt Selection Guidelines Updated (Rev. November 1, 2017)
- ▶ Includes Additional Mix Designs
- ▶ New Section on Non-Motorized Paths
- ▶ Posted on the LAP website at:
  - ▶ [www.Michigan.gov/mdotlap](http://www.Michigan.gov/mdotlap)
  - ▶ (Select a LAP Unit)>>  
Design >> **HMA Selection Guidance**



# Delivering the Program

- ▶ 11 LAP staff engineers
  - ▶ Annual workload over 500 projects
  - ▶ Over \$300 million annually

- ▶ LAP Consultant Assistance

Urban & Safety: Rowe Engineering & Bergmann Associates

Rural: Rowe Engineering & Fleis & VandenBrink

Bridge: DLZ & OHM

TAP: Bergmann Associates & Fleis & VandenBrink

# Non-Competitive Bid (Force Account) Guidelines

Updated December 19, 2017

FHWA Approved January 9, 2018



Clarifies Construction Documentation (Appendix III)

- ▶ Align Documentation Requirements and Construction Manual Guidance

Posted on LAP Website at:

- ▶ [www.michigan.gov/mdotlap](http://www.michigan.gov/mdotlap)
- ▶ (Select a LAP Unit) >> **Non-Competitive Bid Contract (Force Account)**



# National Environmental Policy Act

## Section 106 – Historic Preservation and Preservation

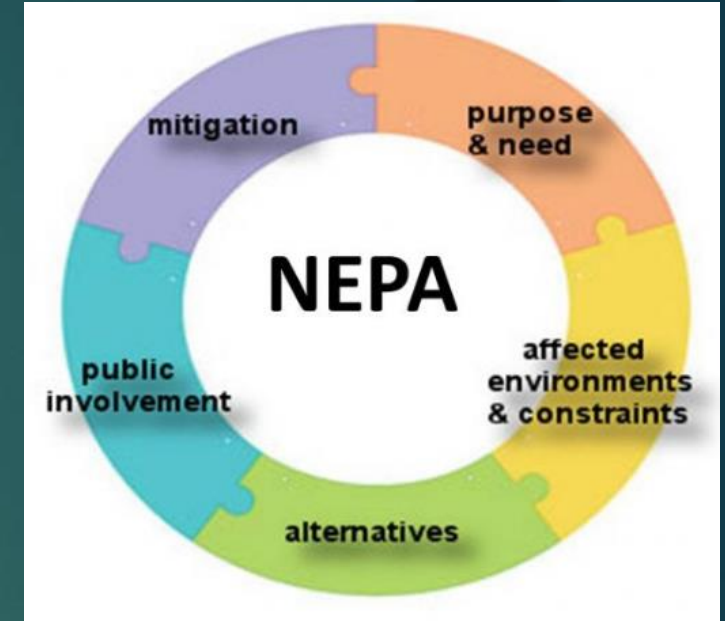
Several parts

- ▶ State Historic Preservation Office (SHPO) review
- ▶ Archaeologic / archaeological certification
- ▶ Tribal government notification

Posted on the LAP website:

- ▶ [www.michigan.gov/mdotlap](http://www.michigan.gov/mdotlap) >> Tribal Governments

LAP needs these in order to request fund obligation



# Helpful Hint – SHPO application

## FHWA and MDOT contact information

### **FHWA – Michigan**

Patrick Marchman  
Environmental and ROW Program Manager  
Federal Highway Administration – Michigan

315 W. Allegan Street  
Room 207  
Lansing, Michigan 48933  
Ph. 517-702-1820

### **MDOT Local Agency Program**

Mark Harrison, PE  
Local Agency Program Unit  
Michigan Department of  
Transportation  
425 W Ottawa Street  
PO Box 30050  
Lansing, MI 48909  
Phone 517-373-2286



# Recent Program Change

## Rectangular Rapid Flashing Beacons (RRFB's)

- ▶ FHWA rescinded interim approval
- ▶ Not approved for implementation
- ▶ Effective in early January 2018

# Rural & Enhancement Program

## Communication Opportunities

### Preapplication “kick-off” meetings

- ▶ Generally for TAP funded projects
  - ▶ Enhancement
  - ▶ Safe Routes to Schools
- ▶ Outlines federal requirements and expectations





# Opening Up Communication

## ELECTRONIC GI DOCUMENT SUBMITTAL TO LAP

### Using ProjectWise

- ▶ For GI submittals
- ▶ For final document submittals
- ▶ NOT a file repository
- ▶ Subject to FOIA

Email your staff engineer or a LAP Unit Manager

## Additional Items

- Request input on FUSP use statements
- Alternate contracting methods
- Upcoming upper management changes
- X-Lite Guardrail Terminals
- MASH

# LAP Contacts

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Questions?

Thank You!