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
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
LAP Guidelines for Geometrics


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
  - (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**

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Environmental and ROW Program Manager  
Federal Highway Administration – Michigan

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**MDOT Local Agency Program**

Mark Harrison, PE  
Local Agency Program Unit  
Michigan Department of Transportation

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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!