COUNTY ENGINEER’S WORKSHOP – 2019

LOCAL AGENCY PROGRAM UPDATE

Tracie Leix, P.E.
Bruce Kadzban, P.E.
## MDOT Personnel Changes

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paul Ajegba</td>
<td>MDOT Director</td>
</tr>
<tr>
<td>Tony Kratofil</td>
<td>Chief Operations Officer</td>
</tr>
<tr>
<td>Dee Parker</td>
<td>University Region Engineer</td>
</tr>
<tr>
<td>Kim Avery</td>
<td>Metro Region Engineer</td>
</tr>
<tr>
<td>Will Thompson</td>
<td>Southwest Region Engineer</td>
</tr>
<tr>
<td>Todd White</td>
<td>Director, Bureau of Planning</td>
</tr>
</tbody>
</table>
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

Digitally signed by: Tracie J. Leix
DN: CN = Tracie J. Leix email = leixt@michigan.gov O = State of Michigan
Date: 2019.01.28 09:20:06 -05'00'
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
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
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
129 Total Applications Received
  ▪ 17 Systemic Streamlined
  ▪ 25 High Risk Rural Road
  ▪ 87 General HSIP

Selected Projects mid-February
Programmed into JobNet early March
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
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:

<table>
<thead>
<tr>
<th>ELIGIBLE APPLICANT AGENCY</th>
<th>DATE</th>
</tr>
</thead>
</table>

**CROSSING**

<table>
<thead>
<tr>
<th>LENGTH OF PROJECT (Miles)</th>
<th>ZIP CODE OF MAJORITY OF PROJECT LOCATION*</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Is the project within urban limits?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Which urban area?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Is the project within City/Village limits?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Which City/Village?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Are other jurisdictions involved?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>If yes, identify:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NAME OF NPO OR RURAL TASK FORCE**

**TIP ID / SUBPROJECT NUMBER**

---

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

<table>
<thead>
<tr>
<th>URBAN</th>
<th>RURAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principal Arterial, 11, on-system</td>
<td>Minor Arterial, 01 or 02, on-system</td>
</tr>
<tr>
<td>Minor Arterial, 12 or 14, on-system</td>
<td>Minor Arterial, 06, on-system</td>
</tr>
<tr>
<td>Urban Collector, 17, off-system</td>
<td>Major Collectors, 37, on-system</td>
</tr>
<tr>
<td>Local, 19, off-system</td>
<td>Minor Collector, 08, off-system</td>
</tr>
<tr>
<td>Local, 09, off-system</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>On the National Highway System (NHS)</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

**EXISTING STRUCTURE:**

<table>
<thead>
<tr>
<th>Number of spans:</th>
<th>________</th>
<th>feet, for a total overall length of: ________ feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Posed load limit</td>
<td>________</td>
<td>tons; Operating rating: ________ tons;</td>
</tr>
<tr>
<td>Clear roadway width</td>
<td>________</td>
<td>feet; Width of sidewalks: ________ feet;</td>
</tr>
</tbody>
</table>

**RAILWAY TYPE**

**STRUCTURE TYPE**

**CONDITION OF STRUCTURE**

**IF CLOSED, WHEN YEAR MONTH**

**CAN THE EXISTING STRUCTURE BE REHABILITATED**

<table>
<thead>
<tr>
<th>Yes</th>
<th>No, if No, explain:</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Number of lanes:</th>
<th>________</th>
<th>feet each; total travel roadway width: ________ foot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of pavement</td>
<td>________</td>
<td>Width of sidewalks: ________ feet;</td>
</tr>
<tr>
<td>Curb and gutter</td>
<td>One Side</td>
<td>Both Sides</td>
</tr>
<tr>
<td>Shoulders</td>
<td>Type ________</td>
<td>Width ________ feet, each side</td>
</tr>
</tbody>
</table>

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**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)
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?
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
Transportation Network is greater with the Sum of it's Parts
FY ‘18 Letting Statistics

Lettings
- 54% Local Agency
- 44% Trunkline
- 2% Other

Dollar Value
- 70% Trunkline
- 30% Local Agency
- 3% Other
Letting Notification

STATE OF MICHIGAN DEPARTMENT OF TRANSPORTATION

1711 022

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

<table>
<thead>
<tr>
<th>CONTRACT ID</th>
<th>CONTROL SECTION</th>
<th>PROJECT</th>
<th>FEDERAL NO.</th>
<th>FED. ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>82000-200931</td>
<td>CMG</td>
<td>82000</td>
<td>CMG 1782(103)</td>
<td>JJ5692</td>
</tr>
</tbody>
</table>
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
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

www.michigan.gov/mdotlap
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
Mike McManey, 517-335-2997
Stu Laakso, 517-373-0541

Map of Local Agencies Using ProjectWise

www.michigan.gov/mdotlocalconstruction
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.
Improving Consistency & Alignment

- understand the program
- utilize existing guidance
- serve as information resource
Improving Consistency & Alignment

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

LACE Telecon/ Skype Mtg

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

Presented by:
Kelly L. Crannell, P.E.
Local Agency Construction Engineer

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)
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

Drive Like You Work Here

April 8th thru 12th
Thank You

Kelly L. Crannell, P.E., MBA
crannellk@michigan.gov
517-230-8500
Jason Gutting, PE

Engineer of Construction