



COUNTY
ENGINEER'S
WORKSHOP – 2019

LOCAL AGENCY
PROGRAM UPDATE

Tracie Leix, P.E.

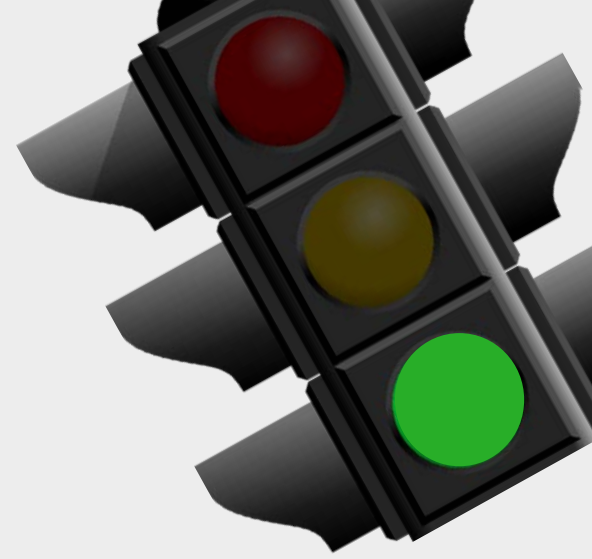
Bruce Kadzban, P.E.

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



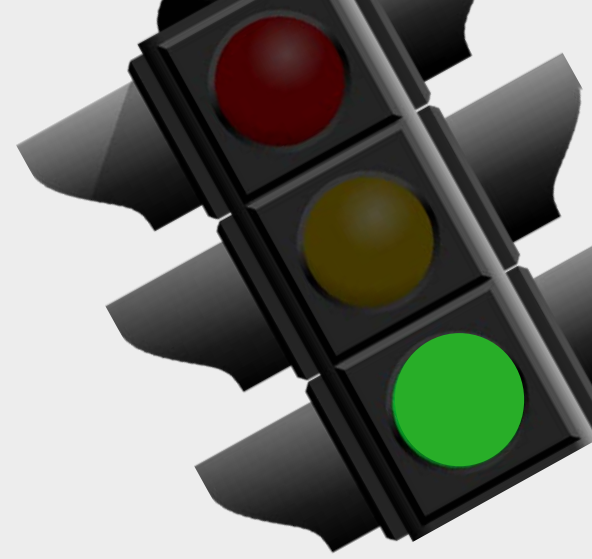
Ryan Doyle – LAP Urban/Safety Unit Manager

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

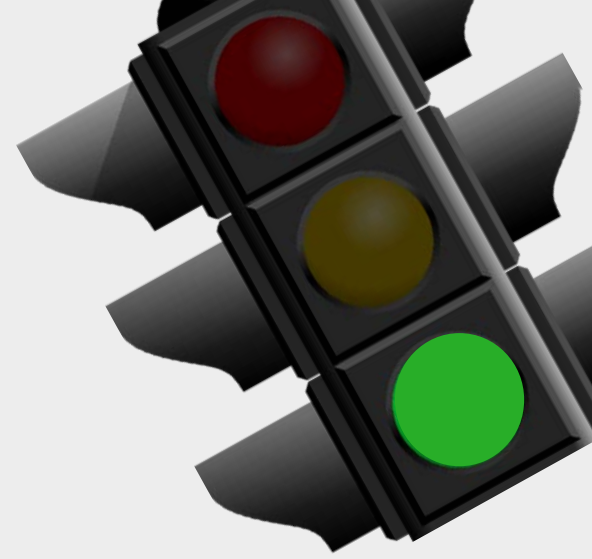
FEDERAL ELIGIBILITY GUIDELINES

Updated August 2018

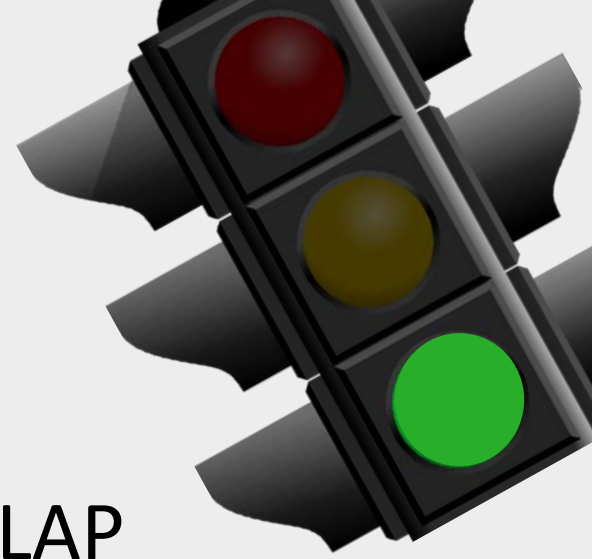
Effective Immediately

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

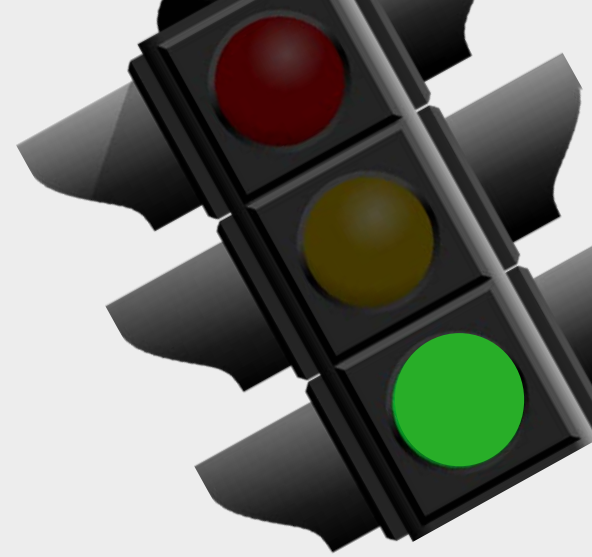
LTAP Training Forthcoming

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

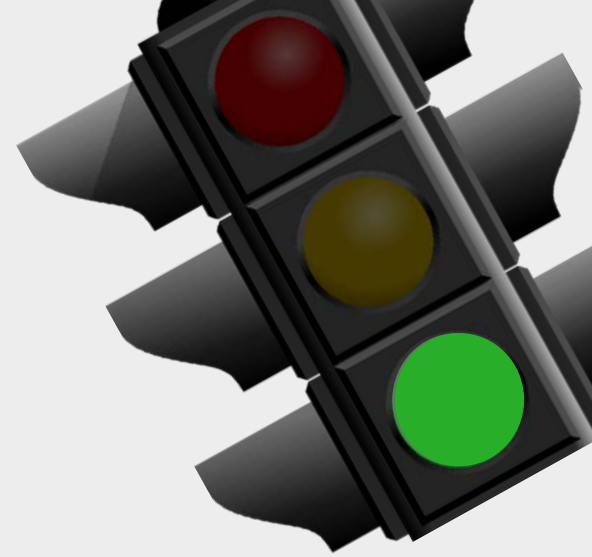
- Design-Build
- Spring Letting

Macomb County – Mound Road Reconstruction

- Possible Design-Build
- FY20 Construction



CO-SIGN



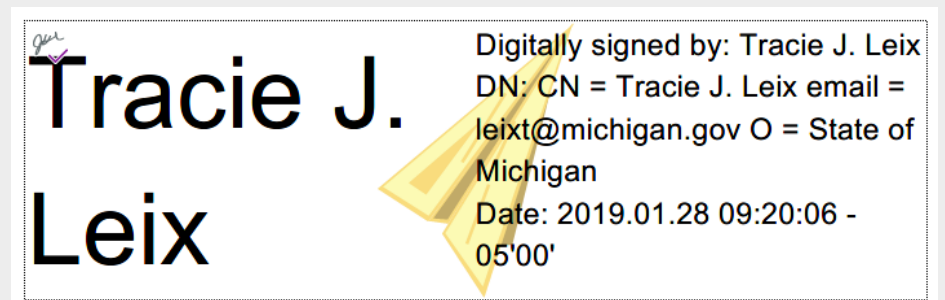
Allowable:

- Program Application
- Design Exceptions or Variances

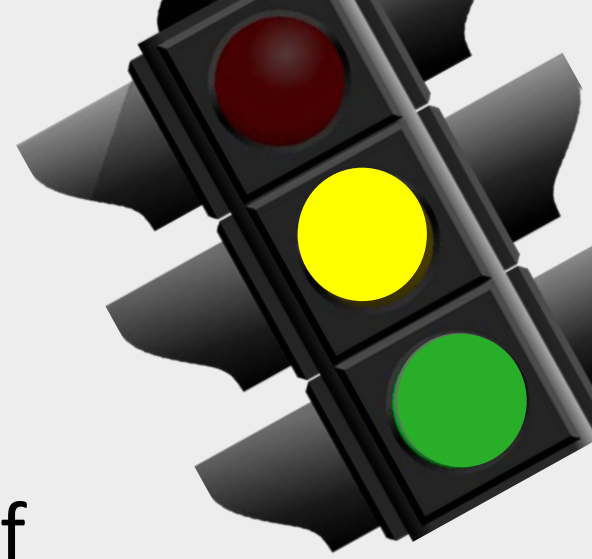
Not Allowable:

- 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

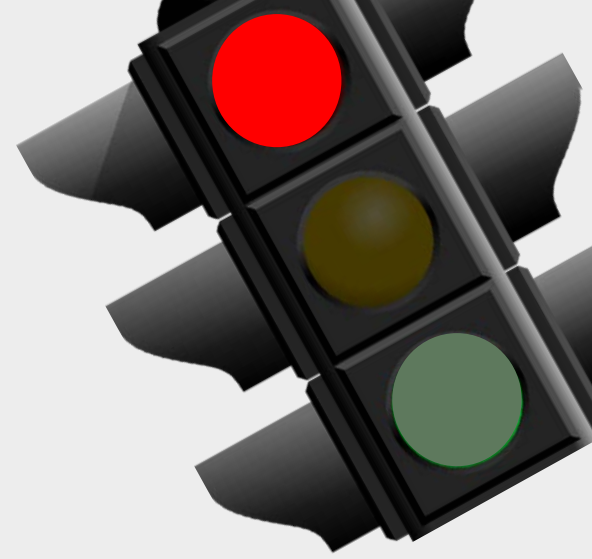
PROGRAM APPLICATION STREAMLINING

Previously Scheduled for October 2018

Currently Scheduled for April 2019

Preparation for Software Program

Integrate NEPA Application



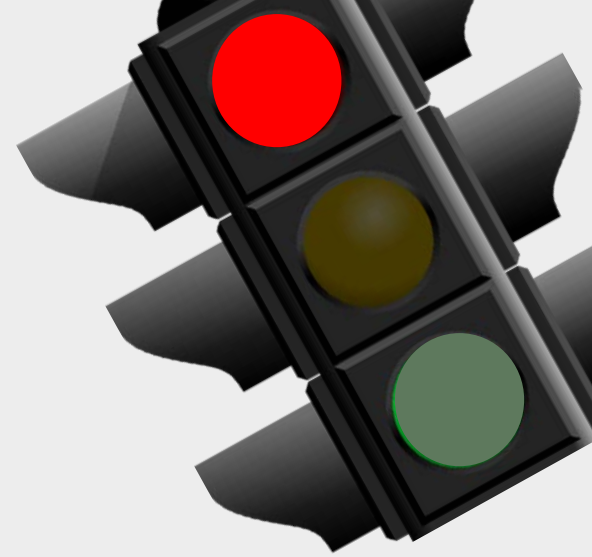
CONFLICT OF INTEREST

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



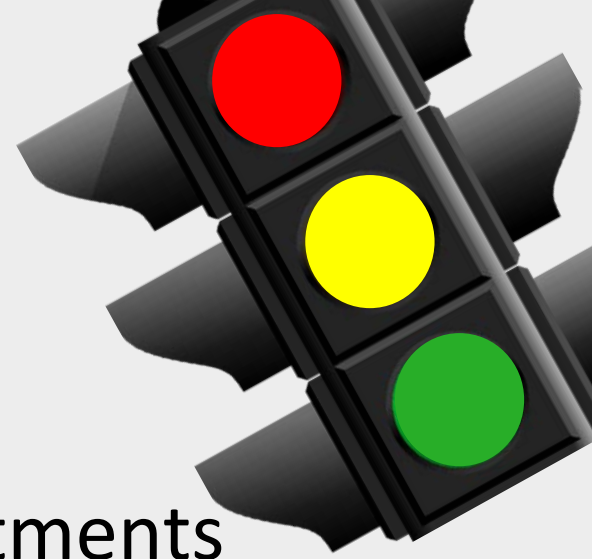
STATE EARMARKS

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

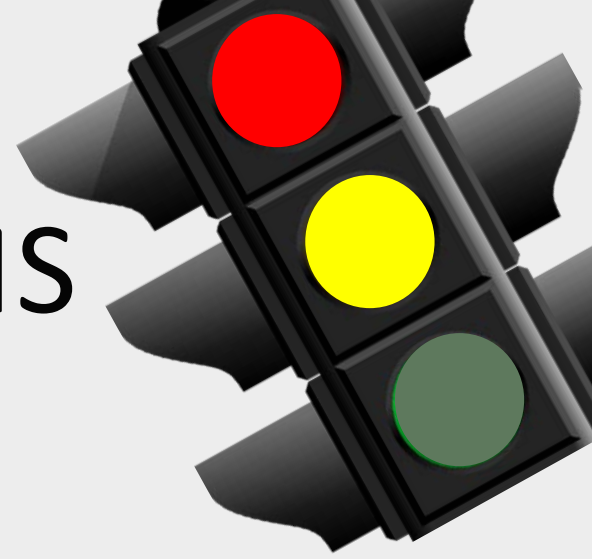
129 Total Applications Received

- 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

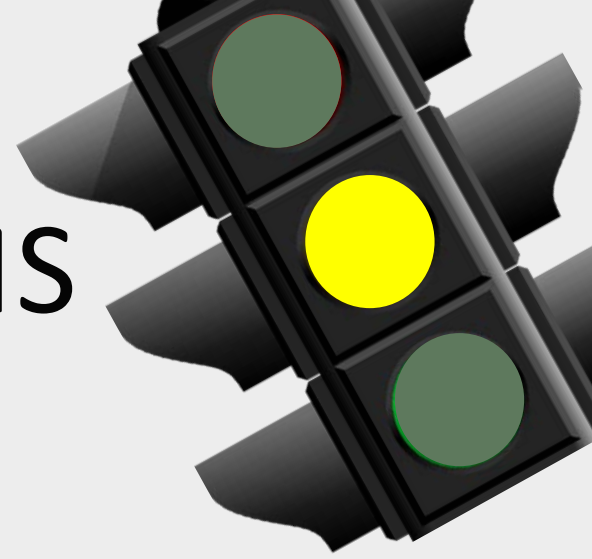


PROGRAM APPLICATION FORMS

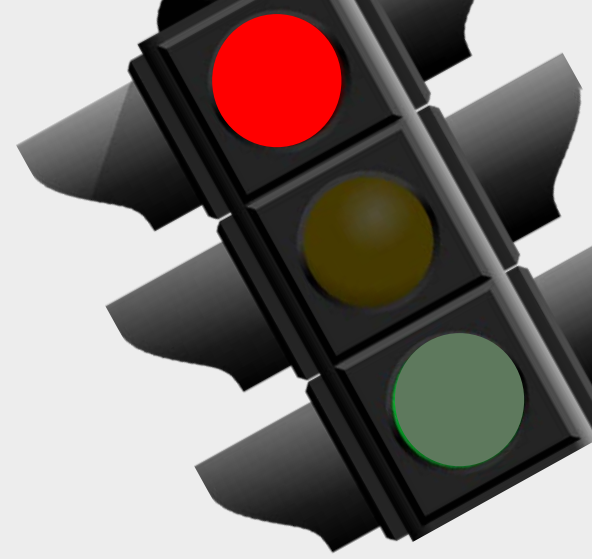
PROGRAM APPLICATION FORMS

MDOT Forms 0258, 0259, 0260

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



SHPO EXEMPTIONS & APPLICATION TIPS



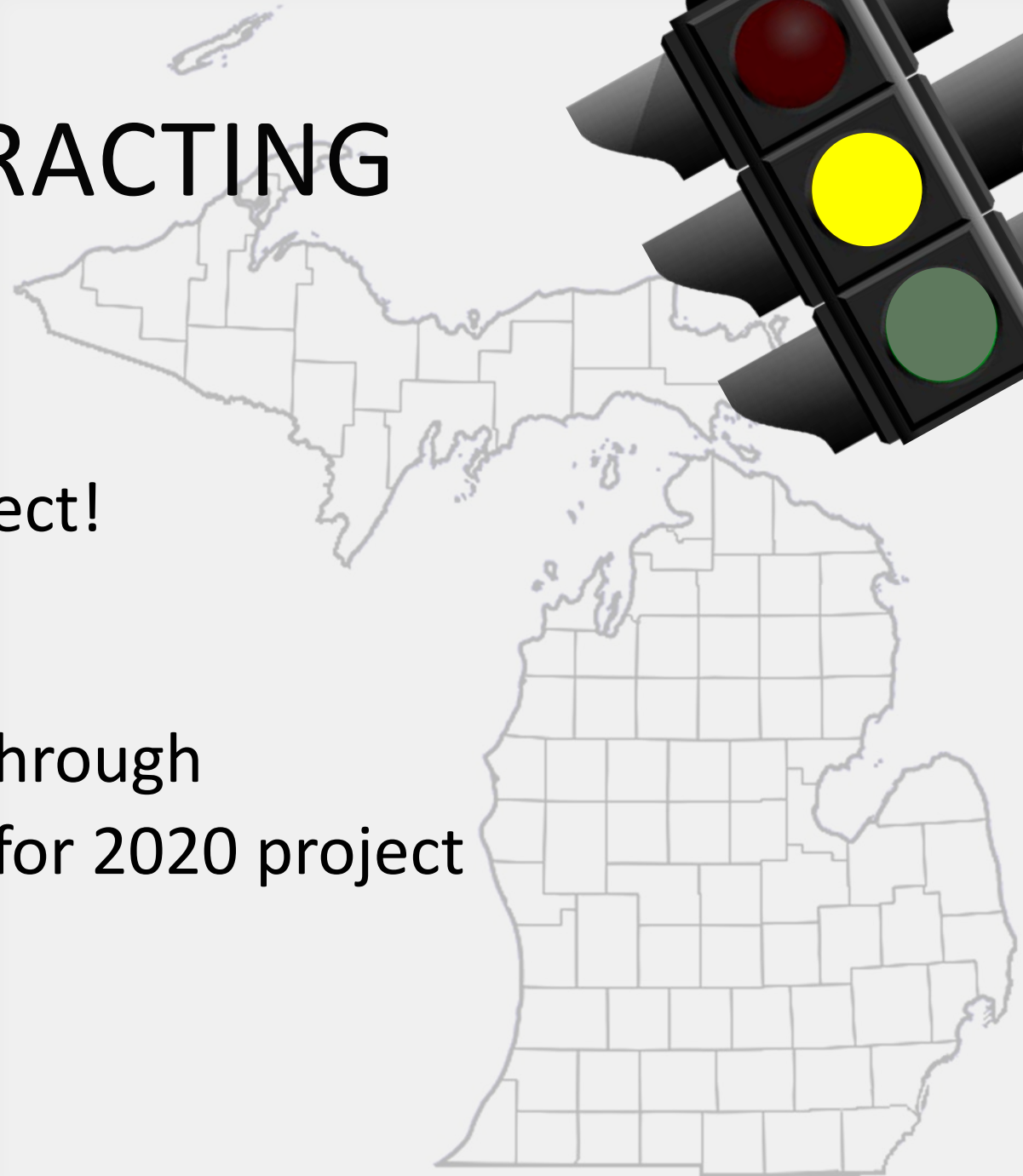
Verify that the SHPO application is for your current project

- 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



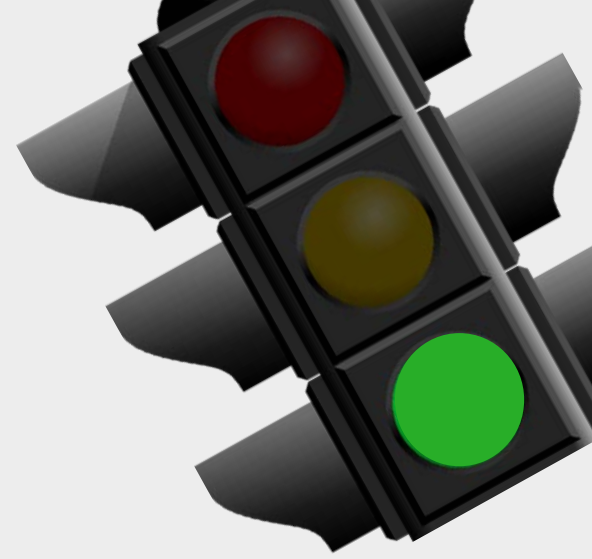
WHAT WENT WELL IN 2018



Construction

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

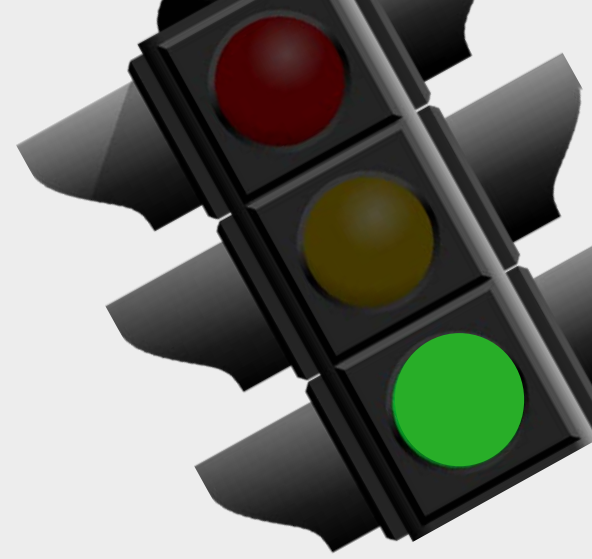
WHAT WENT WELL IN 2018



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

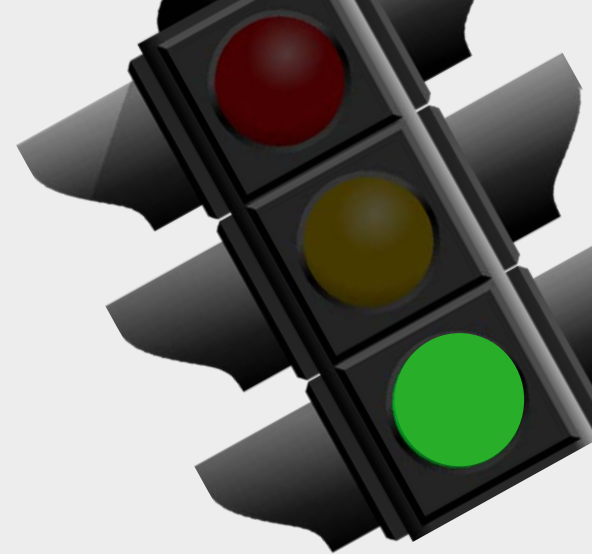
See the LAP website (www.michigan.gov/mdotlap)

Register for the LAP listserv

WHAT'S COMING IN 2019

Training and Information Sharing

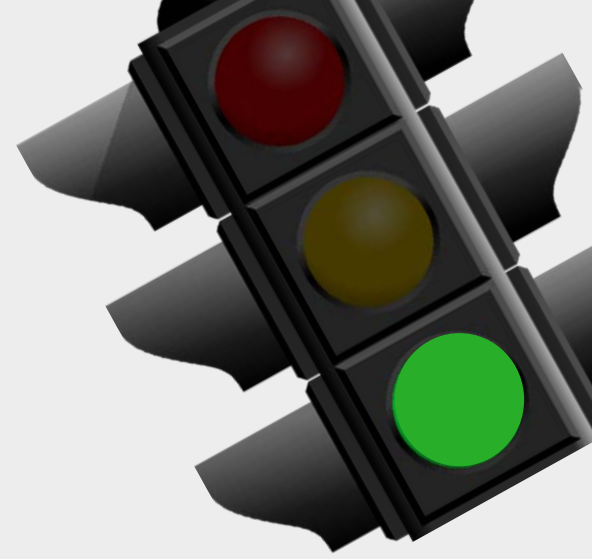
- Several more podcasts and webinars
- Warranty Training
- LAP Advisories and postings
- Region Partnership meetings scheduled for February thru April



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

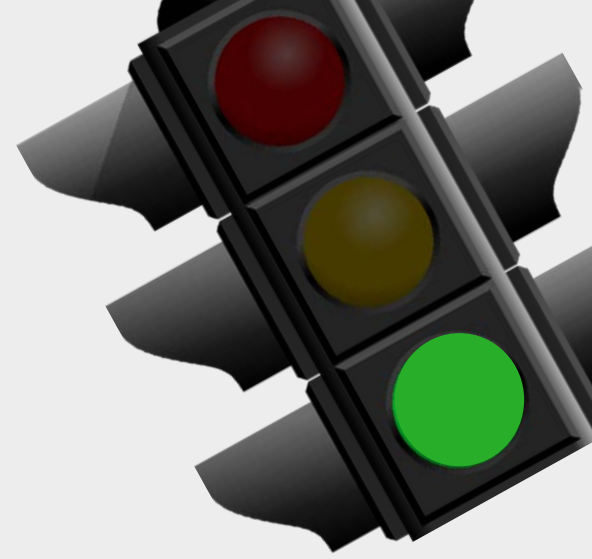


WHAT'S COMING IN 2019

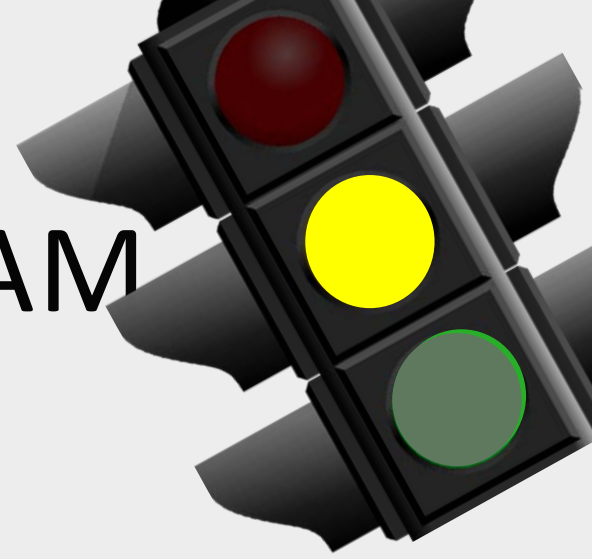
Training and Information Sharing

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

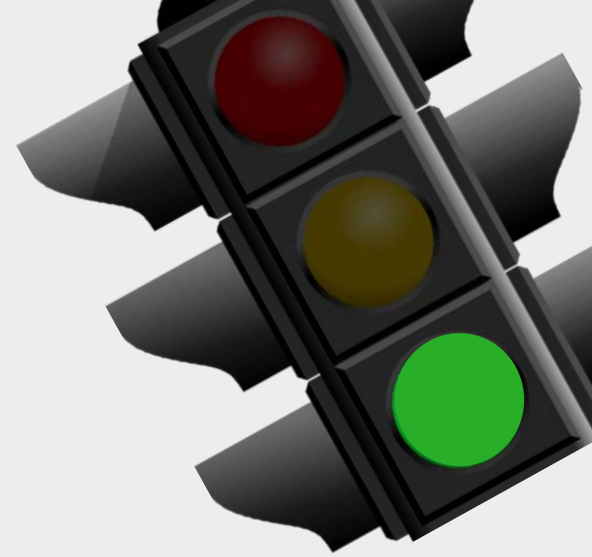
Larry Doyle – Administrator - Development Services Division
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Tracie Leix, LAP Supervisor
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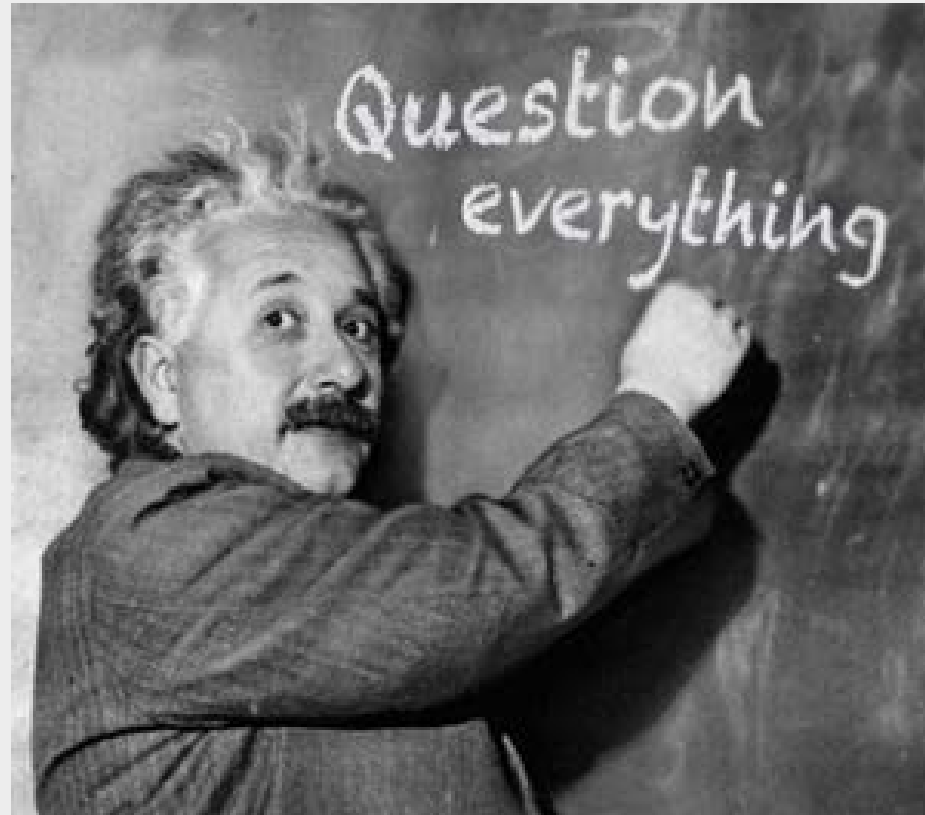
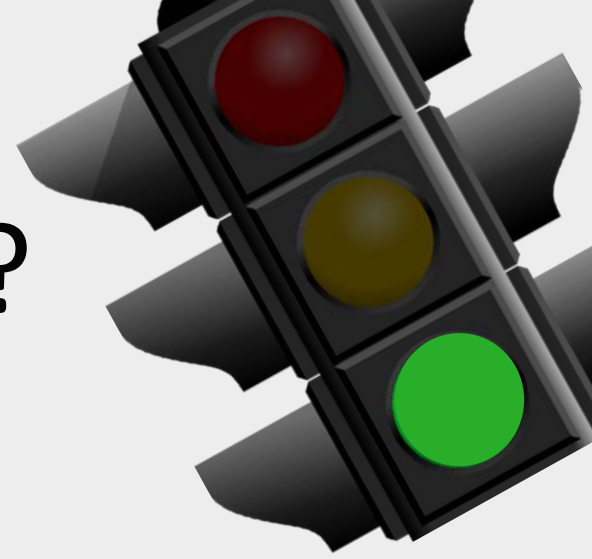
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QUESTIONS? COMMENTS?



COUNTY ENGINEER'S WORKSHOP – 2019



THANK YOU!!