

County Engineers Workshop 2015

February 5, 2015

Little River Casino and Resort

Manistee, Michigan

County Engineers Workshop 2015

MDOT Local Agency Program (LAP)

Bruce Kadzban, PE – Rural & Enhancement Unit Manager

Mark Harbison, PE – Urban & Safety Unit Manager

Discussion Topics

Program Information and Updates

Quality of Submittals / Showstoppers

PREMISE

- MDOT Local Agency Program's role
 - Act as agent for FHWA
 - Implement and pass on federal requirements to local agencies, so that local agency's federal aid is not jeopardized

HMA Acceptance (12SP 501 J-02)



HMA Acceptance (12SP 501 J-02)

- ❖ Process started on Jan 25, 2011
- ❖ Replaces existing FUSP 12SP 501J
- ❖ Intended for use with both Marshall mixes and Superpave.
- ❖ Incorporates use of either Direct Density or the Roller Method



HMA Acceptance (12SP 501 J-02)

Key Changes:

- ❖ Roller Method (if used) must be DOCUMENTED (pg 7 of 7)
- ❖ All HMA Samplers must be “Qualified.”
- ❖ All HMA Testors must be “Certified.”
- ❖ Testing Labs must be AMRL or MDOT qualified.
 - ❖ Tests complete w/in 14 days (< 3500 Tons)
 - ❖ Tests complete w/in 7 days (> 3500 Tons)



HMA Acceptance (12SP 501 J-02)

Key Changes:



- ❖ VI up to 500 Tons per Project.
- ❖ Penalty per Parameter out of spec, range from 10% to 50% or removal/replacement per Engineer.
- ❖ Parameters are:
 1. % AC Binder Content
 2. % Passing Sieve
 3. % Crushed Particle Content
- ❖ Method of Sampling to be determined by Engineer at Pre-Con per SP.

HMA Acceptance (12SP 501J-02)

Effective: April letting 2015



Questions?

OTHER URBAN ISSUES

1. FHWA Fire List (“Smoke list” = 6-9 months)
2. Tree Removal – yesterday’s LAP presentation
3. .XML Files with Estimator as “LAPS”
 - Use MERL version 5.2.8, dated 02/02/2015
4. MDOT restricted use of FTP sites.
5. Funding
6. Completion Dates
7. Mobilization = 10 %
8. If RR in Work Zone = Require DSTR
9. Major Urban Arterial = NHS standards

2016-17 Safety Program Update



- Final Scoring Meeting for 2016 has taken place – Local Agencies should be notified within the next couple weeks.
- Call Letter for 2017 to follow quickly – intend to move Safety Call so submittals can be prepared outside of Construction Season based on survey (will take time).
- Look for upcoming information/webinars for hints to submitting a Safety proposal, TOR and HSM calculations.

Urban / Safety Questions?



Bridge Program Update

Call for Applications for 2018 Construction Season

Letter, dated February 2, 2015, to CRAM and MML

Posted on LAP website, at the Bridge Program page

Applications due **May 4, 2015**

Refer to MDOT Scoping Manual, Chapter 5, to assist in bridge application scoping and fix selection

Bridge Fund Application Hints

Use the Electronic Application Submittal Option

Optional, but preferred

Link is posted on the Bridge Program page of the LAP website

Before submitting, convert files to Adobe pdf format.

Scanned files are too large and may or may not pass through various servers and firewalls

Bridge Program Update

2014 Bridge Applications

334 Bridge Applications Received – 15% increase

\$235 million in applications ~ \$48 million in funding

90 Projects selected for FY 2017 Construction

“Mix of Fixes” – 50% Replacement – 50% Rehab/PM

27% of total \$ selected are Rehab/PM

Bridge Program Update

Regional Bridge Council Update Meetings

Scheduled from April 16th through May 6th

Meeting notices are posted on LAP website,
Bridge Program page

Federal Land Access Program

Call for Projects issued in November 2014

Proposed projects with access to federal facility

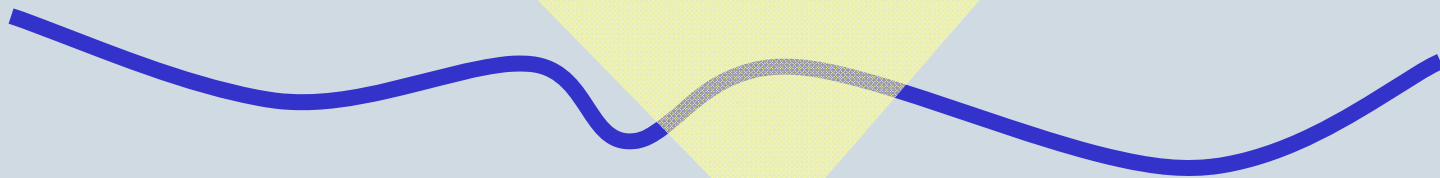
Examples

Federal Forest Highway

National park or lakeshore

Multi-year call, FY 2015 through FY 2018

Estimated \$1.6 million funds available per fiscal year



Federal Land Access Program

FHWA Eastern Federal Lands website

<http://www.efl.fhwa.dot.gov/programs/federal-lands-access.aspx>

Email Applications before 02/13/15, to

EFL.planning@dot.gov

For Michigan projects, generally

- Construction cost estimate range \$500,000 to \$750,000
- Requires at least 20% local match
- Construction only, generally not PE, CE, ROW, etc
- Project can be proposed in phases

Fund Obligation Status

Obligation thermometer and status reports

Posted monthly on LAP website

FY 2015 Obligation Reports

(www.michigan.gov/mdotlap)

Congress funded the program through May 2015

Force Account Program

Currently working on draft of updated guidance document

Expect to complete working draft in mid February

Will forward draft to CRA for comment

provide adequate inspection during construction

keep construction records (IDR's, test results, certifications)

QUALITY OF SUBMITTALS

- Local Agency is responsible for QC / QA of plans, special provisions, construction cost estimates, permits, SHPO letter
- Recent submittals have been incomplete, scattered
- Don't submit an incomplete package just to meet a deadline
- Address the permit requirements
- Sometimes obvious that minimal QC was completed
- Don't submit **ANYTHING** until you have **EVERYTHING**

SECTION 106 REVIEWS

- ❖ Contact the area Native American Tribal Governments
- ❖ Contact is required as part of Section 106
- ❖ Contact is NOT MADE by SHPO, and NOT included in the SHPO letter
- ❖ Link to Tribal Government contact information is on LAP website

PROGRESS CLAUSES

Low bidder prepares Form 1130, “Progress Schedule”

After contract award, schedule the Preconstruction meetings

PERMITS

- Address all the permit requirements
 - Serious consequences, including loss of federal aid
- Permits are required for ALL work in trunkline right of way
 - Construction tasks
 - Construction signs



TRAFFIC SIGNALS AND LIGHTING

- Work includes the
 - Street Lighting
 - Signal head(s)
 - Controllers
 - Poles, span wires
 - Loop detectors
 - Address all the permit requirements
 - Serious consequences, including loss of federal aid

PAY ITEMS

Mobilization 10% max

Issues with _____, Modified

Station Grading, Modified

Machine Grading Modified

SP needs to include major items of work , and accurate estimated quantities
(earth excavation, subgrade undercut, etc)

CAUTION – for addenda, also need to update the estimated quantities

RECENT BID EXPERIENCE - SP had "placeholder / inaccurate quantities

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Questions?

Thank You!