

What's New at FHWA?

Michigan County Engineers' Workshop

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What's New?

- **Moving Ahead for Progress in the 21st Century Act (MAP-21)**
- **Enhanced NHS in MI**
- **Every Day Counts in MI**
- **Federal-aid Essentials for Local Public Agencies**

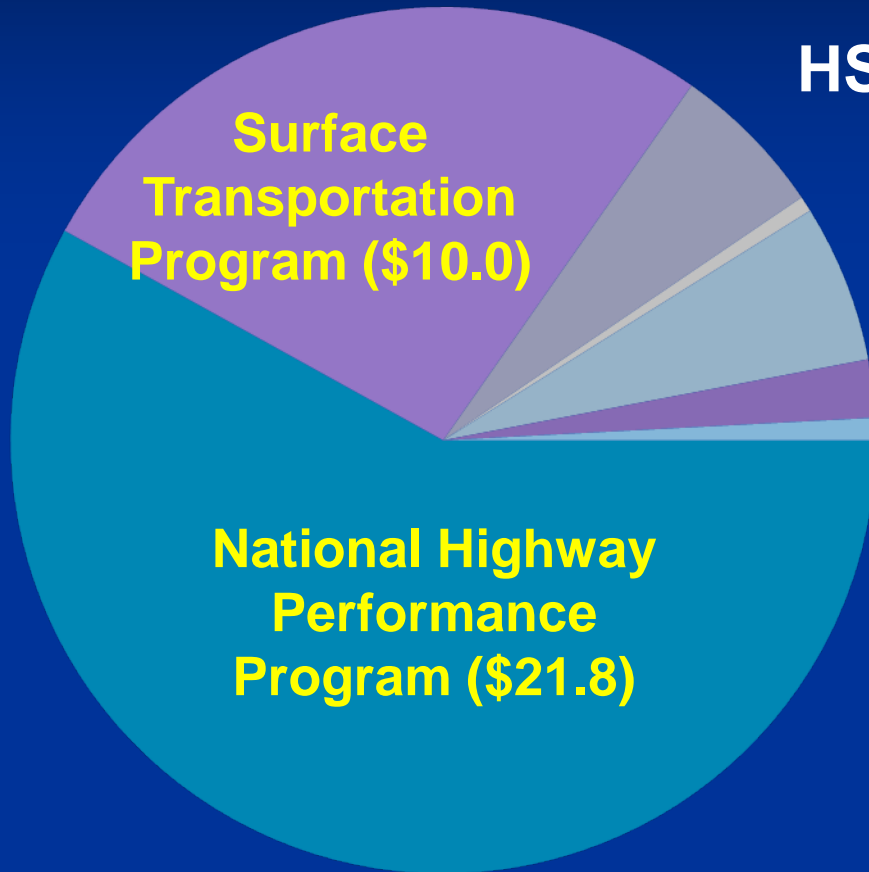
MAP-21 themes

- Strengthens America's highway and public transportation systems
- Creates jobs and supports economic growth
- Supports the Department's aggressive safety agenda
- Simplifies and focuses the Federal program
- Accelerates project delivery and promotes innovation
- Establishes a performance-based Federal program

Stable funding

- Program authorized through FY14
 - Current law through end of FY12
 - Most new provisions in effect on October 1, 2012
- Avg. annual funding at FY12 levels (plus minor inflation)
- Extends Highway Trust Fund taxes and ensures 2 years of solvency for Highway Trust Fund (HTF)
- Substantial programmatic consolidation
 - No earmarks
 - Most discretionary programs eliminated

\$37.7 billion/year in formula funding



HSIP (\$2.2)

Railway-Highway Crossing (\$0.2)

CMAQ (\$2.2)

Transportation Alternatives (\$0.8)

Metro Planning (\$0.3)

**National Highway
Performance
Program (\$21.8)**

Note: Amounts in \$ billions; individual program amounts do not add exactly to total due to rounding

Programs

- **National Highway Performance Program**
 - Enhanced NHS
 - Asset Management Plan & Performance Criteria
 - Minimum Interstate Bridge and Pavement Condition Standards
- **Surface Transportation Program**
 - All Federal-aid roads
 - Safety and bridges on any road
- **Highway Safety Improvement Program**
 - Doubles safety program
- **Congestion Mitigation & Air Quality Improvement**
 - Continues CMAQ program with modifications

Transportation Alternatives (TA) (\$814M)

- **Incorporates eligibilities from many current programs**
 - Most (but not all) formerly TE-eligible activities
 - Recreational trails program
 - Safe Routes to Schools program
- **Similar funding level to TEs under SAFETEA-LU**
 - Total TA \$ equal to 2% of MAP-21 highway funding
 - Funded via takedown from each State's formula funds
 - 50% suballocated for more local control
 - 50% State allocation can be transferred to other formula programs

Federal Lands & Tribal Transportation

Revamped the Federal Lands Programs

	Annual \$
Federal Lands Transportation Program (with new partners)	\$300 million
Federal Lands Access Program	\$250 million
Tribal Transportation Program (new formula for distribution among tribes)	\$450 million
Tribal High Priority Projects Program (\$ from General Fund; must be appropriated)	\$30 million

Performance management

- MAP-21 identifies national goal areas
- USDOT establishes measures, with input
- States set targets
- State & metro plans describe how the organization will use program and project selection to help achieve targets
- States report to USDOT on progress toward targets (within 4 yr of enactment; biennially thereafter)
- Reports typically lead to corrective actions (not sanctions)
- Consequences if condition of NHS falls below thresholds

Accelerating Project Delivery

- Formally recognizes State assumption of CE designations on FHWA's behalf
- Use of construction manager/general contractor (CMGC) method of contracting
- Demonstration project for lump sum payment for purchase of ROW
- Increased Federal share for some innovative techniques

Map-21 & Enhanced NHS

- How does this affect Local Agencies in Michigan?
- 55 Municipalities are affected by the Enhanced NHS of Map-21
- 15 Counties are affected by the Enhanced NHS of Map-21

Counties affected by Enhanced NHS

- Berrien
- Calhoun
- Genesee
- Ingham
- Jackson
- Kalamazoo
- Kent
- Livingston
- Macomb
- Muskegon
- Oakland
- Ottawa
- Saginaw
- Washtenaw
- Wayne

Enhanced NHS Routes

- Independent Assurance Testing (IATs) on all Acceptance (QA) testing & sampling
- MDOT Certified testers and samplers for all Acceptance testing (QA) sampling & testing
- Includes but not limited to:
 - Nuclear Gauge acceptance testing (aggregate, HMA)
 - Concrete Air & Slump

Every Day Counts 1

- Accelerating Technology Deployment
 - Warm Mix Asphalt
 - Safety Edge
 - Adaptive Signal Control Technology
 - Prefabricated Bridge Elements
 - GRS-IBS
- Accelerating Project Delivery
 - Design/Build Contracting
 - Construction Manager/General Contractor

Every Day Counts 2

- Initiatives Coming to MI
 - Locally Administered Projects
 - Certification/Qualification Programs
 - Consultant Services Flexibilities
 - Stakeholder Partnering
 - 3D Engineered Models for Construction
 - Intelligent Compaction
 - Accelerated Bridge Construction
 - Alternative Technical Concepts

Every Day Counts 2

- Potential Future Initiatives
 - High Friction Surface Courses
 - Intersection and Interchange Geometrics
 - Geospatial Data Collaboration
 - Implementing Quality Environmental Documentation
 - SHRP 2 Traffic Incident Management Responder Training

Federal-Aid Essentials for Local Public Agencies

- Variety of Federal Aid Topics
- Readily accessible & available instructional videos in plain language
- Available 24 hours a day

Federal-Aid Essentials for Local Public Agencies

- Program Areas covered include:
 - Civil Rights
 - Project Development
 - Construction and Contract Administration
 - Federal-Aid overview
 - Finance
 - Right of Way (ROW)
 - Environment

Resources

MAP-21:

- <http://www.fhwa.dot.gov/map21>

Every Day Counts:

- <http://www.fhwa.dot.gov/everydaycounts/>

Federal-aid Essentials for Local Public Agencies

- <http://www.fhwa.dot.gov/federal-aidessentials/index.cfm>