

Smart Mobility Assessment

Nashville Area MPO
Pre-Submittal Conference
February 14, 2018

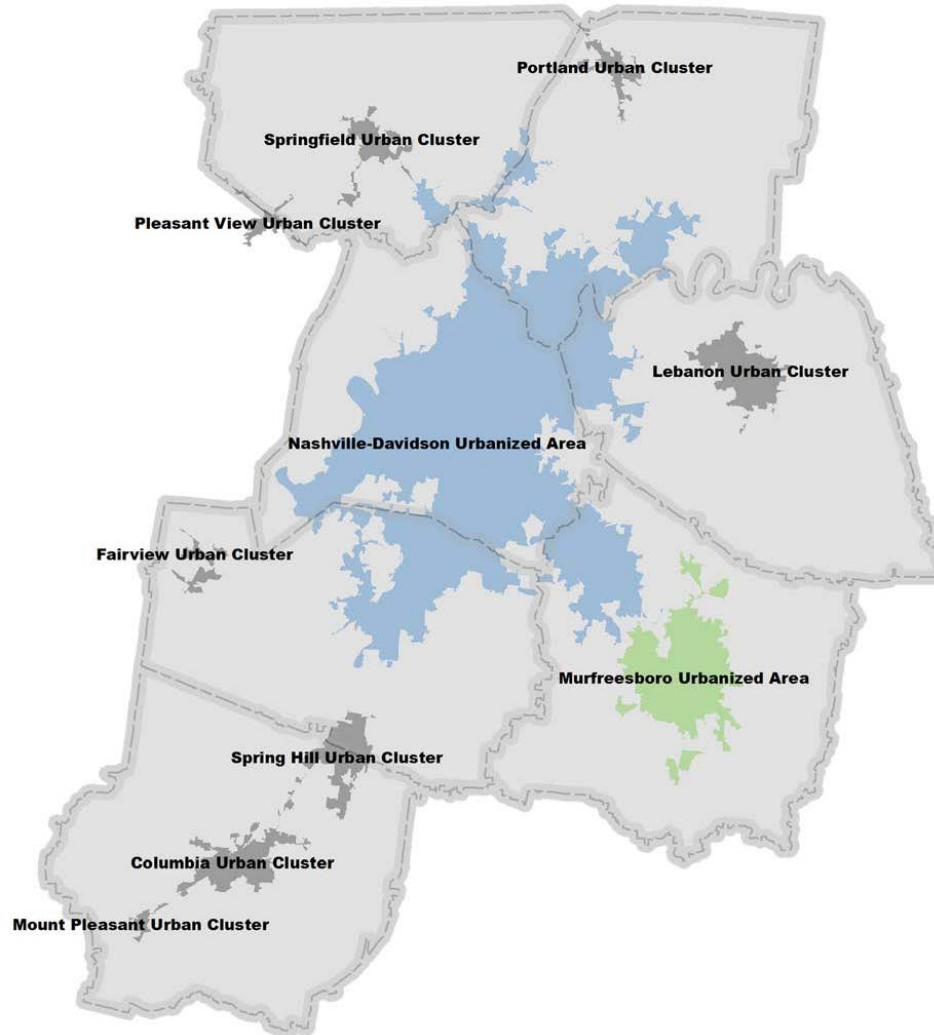


Overview and Objectives

- ➔ Smart Mobility Assessment for 7-county MPO area
- ➔ Will help set regional conversation for how emerging technologies can:
 - Improve and optimize the efficiency of the existing system
 - Help users understand options and make better travel decisions
- ➔ Identify opportunities for technology investments
- ➔ Explore how connected, multimodal systems can work
- ➔ Detail how transportation stakeholders can structure agreements (service, data, etc)
- ➔ Identify existing inventory and needs
- ➔ Describe benefits to health, emissions, safety, economic development, transportation planning process



MPO Planning Area



MPO Smart Cities Activity

- ➔ **2040 Regional Transportation Plan:** Provided \$132 M for technology upgrades, including ITS and Smart Cities
- ➔ **US DOT Smart Cities Challenge:** Assisted Metro Nashville in application for federal grant
- ➔ **Connected Nashville:** Led the Mobility Subcommittee
- ➔ **T4A Smart Cities Collaborative:** Served as part of Nashville delegation for 17-city partnership sharing best practices
- ➔ **Partnerships with VISOR:** Vanderbilt's Initiative for Smart City Operations Research



Key Resource Documents

➔ Plans and Initiatives

- 2040 Regional Transportation Plan
- nMotion Strategic Plan
- Let's Move Nashville
- Comp Plans (Nashville Next, Envision Franklin, etc)
- Livable Nashville
- Connected Nashville
- Moving Forward
- Gear Up 2020
- I-24 Smart Corridor Plan

➔ Studies

- Northwest Corridor Study
- South Corridor Study
- Northeast Corridor Study
- Parking Smarter in Middle Tennessee



Major Tasks

➡ **Task 1:** Project Management and Consultant Coordination

- Deliverable 1: Project Management and Consultant Coordination Plan

➡ **Task 2:** Outreach and Regional Coordination

- Deliverable 2: Public, Stakeholder, and Media Outreach Plan
- Deliverable 3: Synthesis of Findings from Key Resources
- Deliverable 4: Strategies of Technology Integration in other Projects

➡ **Task 3:** Evaluate Middle TN vs. Best Practices

- Deliverable 5: Summary and Analysis of Inventory, Trends
- Deliverable 6: Technology Briefing Paper on Best Practices



Major Tasks – continued

- ➔ **Task 4: Regional Vision for Technology, Transportation**
 - Deliverable 7: Vision for Integrated Technology in Transportation
 - Deliverable 8: Performance Measures and Tracking Methodology
- ➔ **Task 5: Identify Technology Needs for Transportation Sector**
 - Deliverable 9: Memorandum of Transportation-related Tech Needs
- ➔ **Task 6: Develop Project Investment Priorities, Funding Strategies**
 - Deliverable 10: Investment Priorities and Funding Strategies Memo
- ➔ **Task 7: Identify Opportunities for Collaboration**
 - Deliverable 11: Private Sector Collaboration Chart



Major Tasks – continued

➔ Task 8: Final Documentation

- Deliverable 12: 250 full size trifold brochures of findings and recommendations
- Deliverable 13: 5 hard copies of stand-alone summary document
- Deliverable 14: 5 hard copies of final report and appendices



Evaluation Criteria

Criteria	Weight (points)
Project Approach	40
Assigned Personnel	30
Availability	20
MWBE Participation	10
TOTAL	100



Deadlines

- ➔ **Open date:** Monday, January 29th
- ➔ **Pre-Submittal Meeting:** Present Day
- ➔ **Deadline for Questions:** Wednesday, February 28th @2:00pm
- ➔ **Submittal Due Date:** Wednesday, March 7th @2:00pm



Peter Westerholm
Policy Director - GNRC
pwesterholm@gnrc.org
nashvillempo.org



NASHVILLE AREA

Metropolitan Planning Organization