

Beyond Traffic: The Smart City Challenge

A Strategy for Columbus, Ohio



RFP Goals

- Demonstrate ITS technology and applications
- Reduce congestion
- Increase safety
- Protect environment
- Address climate change
- Connect underserved communities
- Support economic development

RFP Eligibility Requirements

- State/Local governments and authorities
- Multi-jurisdictional and MPOs
- Population Parameters
 - Approximately 200-850K
 - Typical Mid-Sized City Density
 - Significant portion of MSA (+15%)

RFP Solicitations and Process

- First Solicitation – 5 winners
 - \$100k each
 - Prepare high-level vision by 2/4/16
 - No cost share
- Second Solicitation – 1 winner
 - \$40M for over 4 FYs.
 - Prepare work plan to deploy projects in 6 months
 - No cost share but want it

USDOT Selection Criteria

(Elements and Committee)

- Technology (urban automation, Connect Vehicles, intelligent sensor infrastructure)
- Innovative approaches to urban transport (urban analytics, mobility, P&D, business model, smart grid, connected citizens)
- Smart City (architecture/standards, ICT, land use)
- Selection Committee – Led by FHWA with other USDOT staff. OST (Foxx) final decision.

USDOT Selection Criteria

(Elements and Committee)

- RFP requirements
 - Applicant – Met (city government)
 - Population – Met (per 2010 census: 786,411)
 - Urban Density – Met (57% of urbanized area)
 - Portion of MSA – Met

Anticipated Regional Benefits

- Central Ohio becomes the Nation's demonstration destination for intelligent vehicle and smart infrastructure
- Increased regional workforce retention and expansion – industry leaders looking to locate/expand to join demonstration effort
- A more intelligent transportation system in the region with direct benefits to citizens, businesses, logistics, and visitors
- Real improvements to safety, congestion management, climate mitigation, and mobility