June 2017 Executive Committee Policy Session

Columbus Experience Breakout Report

June 22, 2017

Key Themes for Columbus Smart City

- Multiple Projects and Target Outcomes: Safety, Mobility, Opportunity, and Decarbonization

- Smartphone (and kiosk or 'Alexa' communication options) enable information flow (but making access universal is very difficult).

- Need to overcome information and decision making silos across multiple organizations.

- Effective non-profit, private and public organizational partnerships are essential for applications.

Potential Actions

- Existing technology (e.g. data analytics, machine learning and smartphones) enable smart city applications now, but considerable behavior, policy and technology research needed.

- TRB could usefully track smart city experiments, communicate lessons learned, disseminate successful applications, and develop roadmap to becoming a smart city (involving new groups).

- Smart city activities (e.g workshops) are an opportunity for TRB to collaborate with the national academies and other nrc units.