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Performance Based Planning/Scenario Planning

PERFORMANCE BASED PLANNING & SCENARIO PLANNING – AN OVERVIEW ON APPROACHES,  
BENEFITS, AND CHALLENGES

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Many state Departments of Transportation (DOTs), metropolitan planning organizations (MPOs), and rural planning organizations (RPOs), are developing and testing different future scenarios during the long range planning process to improve system performance and inform decision-makers on allocating scarce financial resources. There are many types of scenarios. Some scenarios tell a story about the future as a way of visioning possible changes while others set assumptions that examine future possibilities. Each scenario is unique and that they can evaluate system performance based on land use changes, technology advancements, population growth/declines, economic competitiveness, etc.

The presentation will set the stage for the Performance Planning/Scenario Planning track by providing an overview of the scenario process and how MAP-21/FAST Act performance measures can be integrated to help transportation agencies evaluate performance and assist in identify reasonable performance targets. Different scenario planning approaches will be shared and the benefits of the process and challenges to overcome will be discussed. We'll also share how agencies can involve the public in the scenario planning through using innovative visualization tools, polls, and surveys so stakeholders can provide input on desired actions, policies, and investments that support long-range plan goals and objectives.