

Impact on MAP-21 Performance Measures on Local Agencies

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Performance Measures

Goal area	National goal
Safety	To achieve a significant reduction in traffic fatalities and serious injuries on all public roads
Infrastructure condition	To maintain the highway infrastructure asset system in a state of good repair
Congestion reduction	To achieve a significant reduction in congestion on the National Highway System
System reliability	To improve the efficiency of the surface transportation system
Freight movement and economic vitality	To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development
Environmental sustainability	To enhance the performance of the transportation system while protecting and enhancing the natural environment
Reduced project delivery delays	To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices

Asset Management

- Risk Based Asset Management Plan for NHS streets
 - Infrastructure Failure risk
 - PCI
 - Deterioration modeling
 - Future influences
 - Budget risks
 - Inflationary pressures
 - Individual treatment costs and triggers
 - Public risk
 - Safety hazards
 - Accident records
 - Construction delays

Data Collection

- IRI is important component to data collection efforts
 - Urban IRI is not a good performance measure
 - Difficult to accurately measure
 - Values vastly different from highways
 - Many outside influences to IRI
 - Manholes
 - Valves
 - Cross pans
 - Medians/turn pockets
 - Bulbouts
 - Cross crowns

Analysis

- Different criteria for NHS vs balance of network?
 - NHS is small percentage of overall network
 - Same criteria could be used, but not necessarily transferable to local streets
 - What are the appropriate trigger points?
 - Multiple analysis sets?
 - Equity?