

2040 LRTP – BETTER DATA FOR PRIORITIZATION TOOL FROM HRTPO STUDIES

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Overview

- When scoring 2040 candidate projects, staff will use data from recent studies—mostly network *performance measures*—as input for Prioritization Tool.
- No change to max. scores of criteria

Studies

1. Military
2. Truck Delay
3. Reliability
4. Travel Time / Speed
5. Safety

1. Military study

- Types of Candidate Projects Affected:
 - Highway
 - Interchange
 - Bridge/tunnel

- Criterion: increases access for defense installations
 - Previous scoring
 - Based on a list of defense installations
 - New scoring
 - Base on longer list of “Military and Supporting Sites” from study

Military study (continued)

- Criterion: improves STRAHNET
 - Previous scoring
 - Part of STRAHNET: 4 points
 - New scoring
 - Part of STRAHNET: 4 points
 - Other “Roadways Serving the Military” 3 points

2. Truck Delay study

- Types of Candidate Projects Affected:
 - Highway
 - Interchange
 - Bridge/tunnel

- Previous scoring
 - Criterion: reduction of travel time to ports:
 - “High” 10 points
 - “Medium” 5 points

- New scoring
 - Criterion: reduction of truck delay:
 - > 10 hours/mile 10 points
 - 5-10 hours/mile 5 points

Truck Delay study (continued)

- Project type
 - Intermodal

- Criterion: impact on truck movement:
 - Previous scoring
 - “High” 15 points
 - “Medium” 10 points
 - “Low” 5 points
 - New scoring
 - > 10 hours/mile of truck delay 15 points
 - 5-10 hours/mile of truck delay 10 points
 - <5 hours/mile of truck delay 0 points

3. Reliability study

- Types of Candidate Projects Affected:
 - Highways
 - Interchanges
 - Bridge/tunnel
 - Intermodal

- Criterion: Increases Travel Time Reliability
 - Previous scoring
 - Based on volumes, congestion, safety, and detours
 - New scoring
 - Based on buffer index (calculated using INRIX data)

4. Travel Time / Speed study

- Types of Candidate Projects Affected:
 - Highways
 - Bridge/tunnel

- Criterion: Congestion Level (existing)
 - Previous scoring
 - Based on v/c
 - New scoring
 - Based on travel time index (calculated using INRIX data)

5. Safety study

- Types of Candidate Projects Affected:
 - Highway
 - Interchange
 - Bridge/tunnel

- Criterion: Critical Crash Ratio
 - Previous scoring:
 - Based on ratio of crash rate to avg. jurisdictional rate
 - New scoring
 - Based on ratio of EPDO crash rate to regional rate
 - Use different thresholds for intersections, arterials, and freeways / interchanges / bridges & tunnels
 - For interchanges, calculate rate based on approaches