

Project Readiness - SMART SCALE Planning Assessment Guide

Project Component Type

Highest Complexity Components

- New grade-separated interchange on limited access facility
- Major investments that trigger NEPA multi-alt analysis

Higher Complexity Components

- Roadway Widening (2 or more through lanes)
- New location facility
- Modifications to an existing grade-separated interchange
- New grade-separated intersection on a non-limited access
- Modification to ramp turn lanes or ramp terminal
- Major transit investment

Lower Complexity Components

- Intersection reconfiguration
- Roundabout/Innovative intersection
- Road Diet

Lowest Complexity Components

- New or extended turn lanes
- Bicycle and Pedestrian facilities
- New bus stop
- Streetscape

Assessment Required

Major Planning Study

- Interchange Justification Report/ Request (IJR)
- EA or EIS NEPA Doc with preferred alternative

Detailed operational/safety assessment

- Alternatives analysis to include improvements to existing
- System operational analysis: SIDRA, Synchro, VISSIM
- Interchange Modification Report (IMR)
- Traffic and Safety Study and/or Signal Justification Report (SJR)
- Planning level study with evaluation of at-grade alternatives
- Safety assessment ([link](#)) or other equivalent

Basic operational/safety assessment

- Project component level analysis
- Project component operational analysis: SIDRA, Synchro, HCS
- Safety assessment ([link](#)) or other equivalent

Minimum for all Projects - Consistent Project Features, Description and Sketch

- Description (scope) addresses
 - What - improvements (features) are being proposed
 - Where - location of each improvement
 - How much - length, width
- Sketch
 - Existing and proposed configurations
 - Includes road names
 - Drawn to scale with R/W or parcels over aerial

High

Project Risk and Cost

Low