Evaluation Criteria

Goal: Enhance the Transportation Network

Objectives:	How it could be measured:	Example outputs:
Eliminate structural deficiencies using treatment strategies that provide the lowest life cycle maintenance costs and restore bridge condition ratings, where applicable, to good condition for at least 30 years.	Restore bridge condition ratings to greater than 5.0.	Number of bridges with condition greater than 5.0. Anticipated maintenance cost over life cycle of structure.
Improve existing geometric design through the application of appropriate design standards and the reduction of non-standard elements and/or geometries.	Quantify reduction/elimination of non-standard features. Quantify reduction/elimination of non-conforming features.	Number of non-standard features . Number of non-conforming features.
Identify alternative mode improvements in the vicinity of I-81.	Qualitatively evaluate bicycle and pedestrian improvements and compare. Quantify transit mode share improvements using the Regional Travel Demand Model.	Qualitative evaluation of bike and pedestrian infrastructure. Transit mode share for trips in the Syracuse Metropolitan Planning Area shown by "commuter" and "urban" routes.

Goal: Preserve or Enhance Environmental Health

Objectives:	How it could be measured:	Example outputs:
Support local, regional, and state environmental initiatives.	Provide stormwater management facilities for water quantity and water quality. Quantify Context Sensitive Solutions applied. Quantify Green Streets principles applied.	Opportunities to incorporate green infrastructure – rank low, medium, and high. Opportunities to incorporate Context Sensitive Solutions and Green Streets principles using a scale of low, medium, and high.
Maintain or improve air quality (overall emissions and odor).	Quantify and compare reduction in emissions and air pollutants using the Regional Travel Demand Model.	Total tons of pollutants emitted (e.g., carbon monoxide, volatile organic compounds, and nitrous oxide).
Minimize air quality and noise impacts on adjacent neighbors.	Identify locations that exceed the National Ambient Air Quality Standards (NAAQS) and compare.	Assessment of positive and/or negative impacts of a strategy on air quality.
Minimize impacts on designated community landmarks and historic resources.	Quantify and compare impacts.	Does, or will strategy impact community landmarks and historic resources.
Minimize storm water impacts and improve water quality.	Each strategy must mitigate impacts in accordance with SPDES.	Change in amount of impervious areas (asphalt vs. grass).