
Step 2 – Screen and Prioritize Candidate Locations

The objective of this step is to develop a prioritized list of potential locations on the roadway system (segments, curves, intersections, etc.) that could benefit from systemic safety improvement projects.

Task 1 – Identify Network Elements Analyzed

Identify the network elements from the focus facility types selected in Step 1, Task 2, which represent the locations where the target crash types tend to occur for use in network screening.

Task 2 – Conduct a Risk Assessment

Evaluate the risk factors of the systems and locations selected for analysis using roadway and traffic characteristics in order to rank/prioritize at-risk locations.

Task 3 – Prioritize Roadway Facilities

The prioritized lists of segments, horizontal curves, and intersections are generated based on the presence of the selected risk factors – the more risk factors present, the greater the potential for the focus crash type and the higher the priority as a candidate for safety investment.

Additional information is available on the Step and Tasks in the Systemic Safety Project Selection Tool.
