

Working Case Studies

Design Workshop

Session B

Session Objective

Identify possible alignment and cross section alternatives and choose a design concept for the project.

Assignment (55 minutes – please note that Session B is continued on Day Two)

1. Identify roadway function/purpose and performance objectives and list on flip chart:
 - a. Mobility objectives
 - b. Access objectives
 - c. Design segments within corridor (note on base map if appropriate)
2. Identify alternative alignments, including bypass options, if any, on base map.
3. Indicate on base map any horizontal and vertical alignment issues that need to be addressed.
4. Identify and sketch cross-section alternatives based on performance objectives and contextual characteristics
 - a. Number of lanes
 - b. Related cross-section issues
 - c. Urban or rural section
5. Select a preferred alignment and cross section.
6. Identify where the preferred alignment does not address the issues identified in Workshop A..