

Detailed Study

Conceptual Engineering Analysis

For each Retained Alternative:

Process:

- Refine roadway alignments
- Refine the vertical profiles over watercourses, roads and the railroad
- Establish a typical sections for roadway
- Prepare conceptual intersection layouts
- Confirm limits and heights of bridges, fills and retaining walls
- Update right-of-way impacts, narrow the typical bandwidths used in the initial screening
- Develop preliminary cost estimates, including:
 - Roadway and structure costs
 - Right-of-way costs