

- Typical Section Refinement
- Site Survey
- Preliminary Geotechnical Studies and Pavement Analysis
- Impacts to Historic Structures
- Preliminary Bridge Planning
- Preliminary Retaining Wall Locations
- Preliminary Hydrologic Study and Hydraulic Analysis
- Preliminary Cross Section Analysis
- Determination of Right-of-Way / Easements and Access Needs
- Phasing of Construction
- Identification of Existing Utilities and Potential Conflicts
- Updated Project Cost Estimates

Deliverables

The consultant shall produce engineering work and schematic design used to further the projects in the development process including the plans, specifications, and estimate (PS&E). The materials to be produced include, but are not limited to, the following:

- Geotechnical report with pavement recommendations
- Drainage hydrologic and hydraulic report summarizing the preliminary analysis
- Utility conflict lists
- Schematic layout
- Updated cost estimates for the schematic layout of each corridor