
Appendix E: Alternative Analysis

All data should be submitted via electronic copy. Hard copies noted below are additional:

- Tier 1 and/or CAP-X Analysis (Methodology, Comparison Criteria, Screening Matrix)
 - Tier 1 Matrix with documentation.
- Tier 2 Analysis and Documents
 - 11 X 17 Map(s) showing redistributed future year volumes for each alternative
 - 11 x 17 Map(s) showing queues on an aerial comparing all alternatives and No Build alternative (hard copy and pdf)
 - Electronic copy of Analysis for Operations
 - Software Reports/Output for Analysis of Intersections – Only relevant reports with inputs and Measures of Effectiveness (MOE) are needed, not every page of every report available. (pdf)
 - Intersection Summaries – each intersection with Turning Movement Counts (TMCs) and/or modifications
 - A detailed description of new and modified intersections (*paint a picture*)
 - Aerial of intersection showing proposed lane configuration, proposed and existing Right of Way (ROW), and proposed and existing Control of Access (COA).
 - Conflict Point Comparison/Safety Analysis
 - MOE Table of Results
 - Summary Table of Results compared to No Build and all other Alternatives
 - Critical Geometry Layout (of entire corridor) (11X 17 hard copy(s), pdf and CADD files
 - Design Guideline Report
 - Documentation of any model changes from No Build to Alternative Analysis
 - Comparative Evaluation Matrix with documentation and calculations
- Tier 3 Analysis and Documents (if applicable)
 - Geometric Layout with all applicable labels and Striping Plan
 - Signing Layout
 - Signal Plans
- QA/QC Documentation