



Initial Range of Alternatives

1. **No-Build**
2. **Existing bridge rehabilitation**—extend the current bridge’s life by rehabilitation similar to the 1996 and 2009 MoDOT rehabilitation projects
3. **Partial replacement of existing bridge (for use as either stand-alone structure or companion to new bridge)***—remove the existing deck and steel truss superstructure and replace with new
4. **New bridge at existing bridge location**—remove the existing deficient bridge and construct a new two-lane bridge in the same location
5. **New bridge at new location upstream***—construct a new two-lane bridge ten miles west of the existing bridge at Route 185
6. **New bridge at new location downstream***—construct a new two-lane bridge approximately two miles east of the existing bridge
7. **New bridge at new location adjacent to and upstream from existing bridge****—construct a new two-lane bridge approximately 50 feet west of the existing bridge
8. **New bridge at new location adjacent to and downstream from existing bridge****—construct a new two-lane bridge approximately 50 feet east of the existing bridge
9. **New bridge with partial overlap of existing bridge location****—use staged construction to locate a new bridge as close to the existing bridge location as possible without disrupting Route 47 vehicular traffic during construction

Floodplain options*—New lanes to improve roadway reliability through the floodplain (during flood events) were briefly included in the initial range of alternatives but dropped shortly thereafter as the purpose and need was developed and this was not determined to be a project need. The aerial labeled “Initial Range of Build Alternatives” depicts two options for roadway improvement through the floodplain north of the existing bridge. One option parallels the existing roadway. The other extends in line with the bridge straight across the floodplain southeast of the airport to Route 94.

* Depicted on “Initial Range of Build Alternatives” aerial display

** Shown on “Initial Range of Alternatives Detail Sheets”