

Section 4(f) Alternatives - Comparison

| Alternative Name and Description | | Existing Bridge Section Width | Total Traffic Lanes (1) | No Use or Use | Life Cycle Cost (2) | Right-of-Way Cost | Wetlands (acres) | Streams (acres) | Johnson Creek PUA (acres) | Texoma State Park (acres) | USACE Property (acres) | Tribal Land (acres) | Hazardous Materials Site | Archaeological Site | Typical Sections |
|----------------------------------|--|--------------------------------------|-------------------------|---------------|---------------------|-------------------|------------------|-----------------|---------------------------|---------------------------|------------------------|---------------------|--------------------------|---------------------|------------------|
| Alternative 1 | Do Nothing | No Change 2 Lanes No Shoulders | 2 | No Use | \$1,891.6 M | \$0.00 M | 0 | 0 | 0 | 0 | 0 | 0 | N | N | |
| Alternative 2 (Option A) | Rehabilitation (No Widening) | No Change 2 Lanes No Shoulders | 2 | No Use | \$265.7 M | \$0.00 M | 0 | 0 | 0 | 0 | 0 | 0 | N | Y | |
| Alternative 3 (Option A) | One-Way Pair Rehab (No Widening) | No Change 2 Lanes No Shoulders | 4 | No Use | \$205.6 M | \$1.11 M | 0.17 | 0.03 | 0.60 | 0 | 35 | 0 | N | Y | |
| Alternative 4 | Pedestrian / Bicycle | No Change (Shared Use Path) | 4 | No Use | \$247.5 M | \$1.43 M | 0.28 | 0.03 | 0.62 | 0 | 45 | 0 | Y | Y | |
| Alternative 5 | Monument | No Change (Not Used) | 4 | No Use | \$218.4 M | \$1.32 M | 0.65 | 0.06 | 0.72 | 0 | 41 | 0 | N | Y | |
| Alternative 2 (Option B) | Rehabilitation (Widening) | Widened 4 Lanes With Shoulders | 4 | Use | \$437.7 M | \$1.31 M | 0.67 | 0.05 | 0.77 | 0.82 | 42 | 0.38 | N | Y | |
| Alternative 3 (Option B) | One-Way Pair Rehabilitation (Widening) | Widened 2 Lanes With Shoulders | 4 | Use | \$253.5 M | \$1.11 M | 0.17 | 0.03 | 0.60 | 0 | 35 | 0 | N | Y | |

No-Use = impacts are not likely severe enough to impair the historical integrity

Use = impacts are likely severe enough to impair the historical integrity

(1) "Total Lanes" accounts for an additional vehicular bridge where applicable

(2) Costs include construction, future maintenance and repairs, and user costs

Replacement Alternatives - Comparison



| Alternative Name and Description | | Sub-Option | Construction Cost (1) | Right-of-Way Cost (2) | Total Bridge Length (ft) | Total Retaining Wall Cast | Floor Storage Impacts (cy) | Wetlands (acres) | Streams (acres) | Johnson Creek PUA (acres) | Texoma State Park (acres) | USACE Property (acres) | Tribal Land (acres) | Hazardous Materials Site | Archaeological Site 34BR11 |
|----------------------------------|---|------------|-----------------------|-----------------------|--------------------------|---------------------------|----------------------------|------------------|-----------------|---------------------------|---------------------------|------------------------|---------------------|--------------------------|----------------------------|
| 6-2 | North Offset Bridge - 57' Lake Causeway - 27.5' Land Causeway - 27.5' | A | \$144.55 M | \$1.73 M | 4,942 | - | 590,165 | 0.77 | 0.11 | 3.8 | 2.83 | 62.96 | 0 | N | Y |
| | | B | \$189.56 M | \$0.7 M | 6,146 | \$58.81 M | -811 | 0.67 | 0.06 | 2.2 | 2.83 | 20.65 | 0 | N | Y |
| 6-3 | North Offset Bridge - 57' Lake Causeway - 27.5' Land Causeway - On Existing Alignment | - | \$144.37 M | \$1.67 M | 4,942 | - | 595,520 | 0.81 | 0.09 | 3.74 | 2.65 | 64.3 | 0 | N | Y |
| 6-6 | North Offset with Phased Bridge Construction Bridge - 27.5' Lake Causeway - 27.5' Land Causeway - 27.5' | A | \$149.84 M | \$1.69 M | 4,942 | - | 595,169 | 0.49 | 0.07 | 3.18 | 3.39 | 51.8 | 0 | Y | Y |
| | | B | \$156.35 M | \$1.08 M | 4,942 | \$35.31 M | 279,876 | 0.49 | 0.07 | 3.18 | 3.39 | 32.61 | 0 | Y | Y |
| 6-14 | South Offset Bridge - 57' Lake Causeway - 27.5' Land Causeway - 27.5' | - | \$150.2 M | \$2.7 M | 4,942 | - | 590,165 | 1.32 | 0.09 | 3.74 | 6.19 | 64.76 | 1.16 | Y | Y |
| 6-15 | South Offset Bridge - 57' Lake Causeway - 27.5' Land Causeway - On Existing Alignment | - | \$149.9 M | \$2.68 M | 4,942 | - | 595,520 | 0.89 | 0.08 | 3.73 | 6.19 | 64.79 | 1.16 | Y | Y |
| 6-17 | New Southern Alignment Land Causeway - On Existing Alignment | A | \$423.45 M | \$3.45 M | 5,422 | - | 1,101,425 | 1.09 | 0.09 | 3.73 | 6.56 | 105.16 | 1.43 | Y | N |
| | | B | \$148.89 M | \$1.99 M | 10,625 | - | 226,348 | 1.09 | 0.09 | 3.73 | 6.56 | 58.97 | 1.43 | Y | N |
| 6-18 | New Southern Alignment Land Causeway - 27.5' Offset | A | \$422.5 M | \$3.46 M | 5,422 | - | 1,120,416 | 1.49 | 0.08 | 3.74 | 6.34 | 106.15 | 1.43 | Y | N |
| | | B | \$147.02 M | \$2.01 M | 10,625 | - | 226,348 | 1.49 | 0.08 | 3.74 | 6.34 | 60.06 | 1.43 | Y | N |

(1) 20% Contingency.

(2) 5% Contingency.