

**Evaluation Matrix - Bridgeport Viaduct**  
**CN 51299 NH-26-1(161)**



**Socioeconomic/Property Impacts**

Factor	No Build	Alternative 1 - Existing Alignment	Alternative 2 - New Alignment Around South Side of Power Substations
Potential Business/Residences Acquired	No Impacts.	Relocation may be required.	Relocation may be required.
LEP-Environmental Justice	No Impacts.	No disproportionately adverse impacts.	No disproportionately adverse impacts.
Federal Property	No Impacts.	Impacts to utility lines are likely.	Impacts to utility lines are likely.
Number of Pivots Impacted	No Impacts.	None.	None.
Other Wells	No Impacts.	Potentially 1 domestic well.	None.
Irrigated Cropland in Footprint	No Impacts.	0.9 Acres	2.5 Acres
Non-irrigated Cropland	No Impacts.	1.1 Acres	5.3 Acres
Community Cohesion	No Impacts.	Permanent impacts to neighborhood cohesion are not likely. Temporary impacts during construction are possible.	Permanent impacts to neighborhood cohesion are not likely. Temporary impacts during construction are possible.
Access to Properties	No Impacts.	Permanent impacts to business or residential access are not likely. Permanent impacts to a storage garage are likely. Temporary disruption during construction is likely.	Permanent impacts to business or residential access are not likely. Permanent impacts to a storage garage are likely. Temporary disruption during construction is likely.
Support by Community/Businesses			

**Environmental Impacts**

Factor	No Build	Alternative 1	Alternative 2
Shortgrass Prairie in Footprint	No Impacts.	Likely none.	Potential impacts to grass pasture west of railroad.
Wetlands in Footprint	No Impacts.	Likely none.	Likely none.
Impacts to Waters of US	No Impacts.	Likely none.	Likely none.
Theatened/Endangered Species	No Impacts.	May affect, not likely to adversely affect Whooping Crane and River Otter with conservation conditions.	May affect, not likely to adversely affect Whooping Crane and River Otter with conservation conditions.
Cultural Resources	No Impacts.	Likely none.	Likely none.
Section 4(f) Resources	No Impacts.	Likely no impacts. Access would be maintained to Bridgeport State Recreation Area during and/or after construction.	Likely no impacts. Access would be maintained to Bridgeport State Recreation Area during and/or after construction.
Prime Farmland	No Impacts.	Likely none.	Likely none.
Land Use Compatibility	No Impacts.	Likely none. Would convert vacant portions of commercial lot to roadway. Would benefit local patrons. Some ag land and commercial lands would be converted to detention cells. Would improve drainage in area.	Likely none. Would convert vacant portions of commercial lot to roadway. Would benefit local patrons. Some ag land and commercial lands would be converted to detention cells. Would improve drainage in area.
Hazardous Materials	No Impacts.	Panhandle Co-op bulk fertilizer plant and above-ground storage tanks.	Panhandle Co-op bulk fertilizer plant and above-ground storage tanks.
Viewshed	No Impacts.	Likely none.	Likely none.
Noise (Closest Receptors)	No Change.	Do not anticipate traffic noise impacts.	Do not anticipate traffic noise impacts.

**Traffic/Access/Safety Impacts**

Factor	No Build	Alternative 1	Alternative 2
Average Delay Yearly Costs	\$250,000 (+)	N/A	N/A
Railroad Crossing Exposure Factor	191,808	N/A	N/A
Construction Costs (Millions)	N/A	\$12.0	\$11.2
Utility Relocation Costs (Non-Participating Costs)	N/A	\$555,000	\$85,000