

Alternatives Advantages and Disadvantages

Southern Meade County Corridor Study

Alternative	Advantages	Disadvantages
No-Build	<ul style="list-style-type: none"> • No cost • No impacts to existing property or parcels 	<ul style="list-style-type: none"> • Does not meet the purpose and need for this study and thereby does not meet the overall land use goals of Meade County • Does not plan for future growth • In the long term, further fragmentation of agricultural land with scattered neighborhoods continue.
Alternative 4	<ul style="list-style-type: none"> • Limited anticipated wetland impacts • Least amount of earthwork • Meets the purpose and need of the corridor study 	<ul style="list-style-type: none"> • Likely impacts to costly BHE transmission line, and possible service outages during construction • Impacts to WRE power distribution line • 24% more right of way acquisition costs than Alternative 6 • Total overall costs are expected to be over a million more than Alternative 5 • Issues with preliminary intersection geometrics at Haines Ave. Adequate intersection sight distance likely to not be able to be provided under existing conditions. Likely will require a length of Haines Ave to be reconstructed to flatten a crest curve. The reconstruction on Haines will cause increased delay on busy existing roadway as new corridor is constructed
Alternative 5	<ul style="list-style-type: none"> • Expected to be the least expensive alternative • Least amount of anticipated wetland impacts • Limited delay during construction to existing North/South Corridors • No impacts to costly BHE transmission line, and thereby likely no service outages during construction • No known issues with preliminary intersection geometrics, adequate intersection sight distance expected • Meets the purpose and need of the corridor study 	<ul style="list-style-type: none"> • Approximately 18% more earthwork required than Alternative 4 • Impacts to WRE power distribution line • Approximately 23% more right of way acquisition costs than Alternative 6
Alternative 6	<ul style="list-style-type: none"> • Limited delay during construction to existing North/South Corridors • Lowest right of way acquisition costs because it follows the section line for a portion of its alignment. Additionally, this alternative causes the least number of parcels to be split into two. • Likely to have adequate preliminary intersection geometrics, however, the future intersection at Haines Ave might cause issues • Meets the purpose and need of the corridor study 	<ul style="list-style-type: none"> • Extensive cuts and fills and large amount of total earthwork. Three times the amount of earthwork as compared to alternative 4. • Expected to be the most expensive alternative. Total overall costs are expected to be 3.5 million more than Alternative 5. • Impacts to BHE transmission line and WRE power distribution line • Largest amount of wetland impacts