



Comparison of Alternatives HAN-U.S. 68/State Route 15 Interchange Improvements (PID 112280)

	Preliminary Alternatives		
	No Build Alternative	Alternative 1	Alternative 2
Purpose and Need			
Improve U.S. 68/State Route 15 Interchange; provide direct access from Township Road 80 to U.S. 68	No	Yes	Yes
Ecological Resources			
Streams	No Impact	Expected impact to 84 linear ft of streams	Expected Impact to 227 linear ft of streams
Wetlands	No Impact	Expected encroachment on 0.06 acres of wetlands	Expected encroachment on 0.06 acres of wetlands
Threatened and Endangered Species	No Impact	Known Bald Eagle nest located in proximity to project, coordination with USFWS will be required.	Known Bald Eagle nest located in proximity to project, coordination with USFWS will be required.
Suitable Wooded Habitat (SWH)	No Impact	No Impact	Expected encroachment on 0.3 acres of potential SWH
Mussel Survey Stream	No Impact	Expected impact to 84 linear ft of Group 1 Mussel Streams	Expected Impact to 227 linear ft of Group 1 Mussel Streams
Hazardous Materials			
Regulated Materials Review	No Impact	1 historic spill identified	No Impact
100 Year Floodplain			
100-Year Floodplain Encroachment (including Floodway)	No Impact	Expected encroachment of 1.54 acres of 100-year floodplain and floodway	Expected encroachment of 1.46 acres of 100-year floodplain and floodway
100-Year Floodplain Encroachment post Dry Basin Project (including Floodway)	No Impact	Expected encroachment of 0.75 acres of 100-year floodplain and floodway	Expected encroachment of 0.89 acres of 100-year floodplain and floodway
Cultural Resources			
NHRP-Listed Sites	No Impact	No Impact	No Impact
Section 4(f)/6(f) Properties			
Section 4(f) Properties	No Impact	No Impact	No Impact
Section 6(f) Properties	No Impact	No Impact	No Impact
Drinking Water			
Sole Source Aquifer	No Impact	No Impact	No Impact
Water Wells	No Impact	Impacts to one water well	Impacts to one water well

Green = Least Impact/Most Favorable

Yellow = Medium Impact/"Middle Ground"

Red = Greatest Impact/Least Favorable



Comparison of Alternatives HAN-U.S. 68/State Route 15 Interchange Improvements (PID 112280)

	Preliminary Alternatives		
	No Build Alternative	Alternative 1	Alternative 2
Air Quality and Noise			
Air Quality	No Impact	The project is located in Hancock County which is in attainment for the criteria air pollutants. Therefore, no further air quality analysis would be required for this project.	The project is located in Hancock County which is in attainment for the criteria air pollutants. Therefore, no further air quality analysis would be required for this project.
Noise	No Impact	Overall, noise impacts resulting from this alternative are not expected to be significant due to the low traffic volumes anticipated on the TR 80 connection to US 68.	Overall, noise impacts resulting from this alternative are not expected to be significant due to the low traffic volumes anticipated on the TR 80 connection to US 68.
Community/Land Use			
Relocations	None	None	None
Right-of-Way	No Impact	< 1 ac (may be reduced or eliminated as design is refined)	No additional R/W Required
Traditionally Underserved Populations (TUP)	No Impact	No Impact	No impact
Emergency Service Response	Emergency response time for Spring Lakes subdivision and residential areas west of U.S. 68 will be longer without a direct connection to U.S. 68	Emergency response time for the Spring Lakes subdivision and residential areas west of U.S. 68 will be improved as a result of the direct connection to U.S. 68.	Emergency response time for the Spring Lakes subdivision and residential areas west of U.S. 68 will be improved as a result of the direct connection to U.S. 68
Engineering Considerations			
Roadway Design Issues	None	None	There is a site distance issue at the planned ramp intersection due to the geometrics of the alignment.
Structural Design Issues	None	None	Requires a new bridge over Eagle Creek and a retaining wall along the proposed entrance ramp.
Utility Relocations/Issues	None	No major utility impacts; may require relocation of a few utility poles	No major utility impacts; may require relocation of a few utility poles
Preliminary Cost Estimates			
Estimated Project Costs	\$0.00	\$3.8 M	\$5.0 M
Conclusion			
Recommended as Preferred Alternative	No	Yes	No

Green = Least Impact/Most Favorable

Yellow = Medium Impact/"Middle Ground"

Red = Greatest Impact/Least Favorable