

RANGE OF ALTERNATIVES - ORANGE ALTERNATIVE

301 US 301 Project Development

DESCRIPTION OF THE ORANGE ALTERNATIVE



**4 LANES - LIMITED ACCESS -
ALONG EXISTING US 301 & ON NEW LOCATION**

Project Team Recommendation

- RETAIN for Detailed Evaluation
 - DROP from Further Consideration
- Significant Engineering Issues
 - Significant Environmental Impacts
 - Lack of Public and Resource Agency Support

ENGINEERING - TRAFFIC & SAFETY CONSIDERATIONS

- Advantages**
- Retains the new north/south roadway in existing roadway corridor (US 301)
 - Moderate impact on existing communities (within 600 feet) - 4
 - Improves safety by separating local from through traffic
- Disadvantages**
- Higher cost to construct (along existing US 301, length of roadway and service roads, highest number of overpasses)
 - Higher impact on properties impacted, businesses and homes along existing US 301 will bear the brunt of the impact
 - Higher potential traffic impact during construction (along Existing US 301)
 - One-way frontage roads between Armstrong Corner and Boyds Corner Roads - access to some properties circuitous
 - Impact on Summit Airport – not on existing runway, but on airport expansion plans

Comparison of the Range of Alternatives - Engineering

ENVIRONMENTAL CONSIDERATIONS	NO BUILDS	YELLOW	ORANGE	PURPLE	BROWN	GREEN	RED	BLUE
Number of Impacts	1	1	1	1	1	1	1	1
Number of Properties Impacted	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 600 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 100 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 50 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 25 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 10 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 5 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 2 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 1 foot)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.5 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.25 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.1 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.05 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.01 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.0000000000000000000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000000000000000000005 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000000000000000000025 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.00000000000000000000000000000000001 feet)	1	1	1	1	1	1	1	1
Number of Properties Impacted (within 0.000000000000000000000000000000000005 feet)	1	1</						