FOR CONCEPT REVIEW ONLY

NOTES

ALIGNMENT B PLAN

Pro's: Works well with topography of State Route 49
Smooth alignment westerly
Match existing intersection of Jasper Lane & Allison Ranch Roads

Cons: Too Steep (12%-15%)
Bridge at Wolf Creek too high (92 ft.)
Excessive fill slopes will cause right of way impacts
Connection to Allison Ranch Rd further south than General Plan alignment

ALIGNMENT C PLAN

Pro's: Southern Limits of Study
Reduced impacts to South Hill Village
Match existing intersection of Jasper Lane & Allison Ranch Roads

Cons: Too Steep (12%-15%)
Bridge at Wolf Creek too high (116 ft.)
Excessive fill slopes will cause right of way impacts
Impacts many homes
Portions extend outside City Planning Area
Connection to Allison Ranch Rd further south than General Plan alignment
Sight distance constraints of SR49 Crest

ALIGNMENT D PLAN

Pro's: Works well with topography of State Route 49

Cons: Too Steep (12%-15%)
Bridge at Wolf Creek too high (116 ft.)
Excessive fill slopes will cause right of way impacts
Impacts many homes
Impacts South Hill Village site
Connection to Allison Ranch Rd further south than General Plan alignment

ALIGNMENT F PLAN

Pro's: Works well with topography of State Route 49
Extended length for better grades

Cons: Excessive fill/cut slopes will cause right of way impacts
Impacts many homes
Length of alignment = substantial increase in cost
Portions extend outside City Planning Area
Connection to Allison Ranch Rd further south than General Plan alignment

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ALIGNMENT G PLAN

Pro's: Use existing Crestview Dr right of way
More northerly option, closer to General Plan

Cons: Homes and driveways will "front" on the arterial
Bridge at Wolf Creek too high (77 ft.)
Excessive fill/cut slopes will cause right of way impacts
Impacts many homes
Sharp curved alignment will reduce design speed and sight distance

ALIGNMENT H PLAN

Pro's: Works well with topography of State Route 49
Extended length for better grades
Used existing Smith right of way

Cons: Excessive fill slopes will cause right of way impacts
Impacts many homes
Length of alignment = substantial increase in cost
Portions extend outside of City Planning Area
Connection to Allison Ranch Rd further south than General Plan alignment
Northbound exit ramp impacts to ponds and potential wetlands
Homes and driveways will front" on the arterial

GENERAL PLAN ALIGNMENT

Pro's: Minimal Impacts to Homes and Businesses
Follows Existing Property Lines

Cons: Severe Curves and Speed Reductions @ SR49
Local Road Intersections will be Constrained
Alignment Does Not Follow Topography

MARK THOMAS & COMPANY, INC.

CRESTVIEW SMITH INTERCHANGE STUDY
PRELIMINARY ALIGNMENTS
RATIONALES

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