

US 77 Woodsboro/Refugio Route Study

Route Options Purpose and Need Matrix

Route Option Performance Based On Purpose and Need				
Purpose and Need Objectives		East Route	West Route	Central Route
Safety				
	Direct access to hurricane evacuation route (most efficient)	★	★★★	★★
	Proximity to hospital/emergency response	★	★★★	★★
	Hazardous materials route Prevailing winds are from East to West - An alignment west of Refugio would decrease the risk of exposure to airborne hazardous materials to the business district in the event of a hazardous materials incident on the Relief Route.	★	★★★	★★
	Reduction in through truck traffic in Refugio business district	★★★	★★★	★
Economic Development Potential				
	Access Points	★	★★★	★
	Provides development opportunities within the Extra Territorial Jurisdiction - resulting in potential increase in sales/property tax revenues.	★	★★★	★
	Business Displacement	★★	★★	★
Mobility				
	Reduction in through truck traffic in Refugio business district	★★★	★★★	★★
	Access Points (highest number of)	★★	★★★	★
	Interchange w/highways (highest # connection to other facilities)	★	★★★	★★
	Improved mobility on local streets	★	★★★	★★
Environmental				
	GLO Coastal Management Zone (no impacts)	★	★★★	★★★
	Prime Farmland Soil (least impacts)	★	★	★★★
	National Wetland Acres	★★	★	★★★
	Residential Displacements	★★	★	★★
	Business Displacements	★★	★★	★
Estimated Construction Cost				
	No Build = \$0, East Route = \$466M, West Route = \$583M, Central Route = \$543M	★★★	★	★★
Right of Way Impacts				
	Total Acreage	★★	★★	★★
	Parcels Traversed	★★	★★	★

★	Low Performing
★★	Moderately Performing
★★★	High Performing

