OAK HILL PARKWAY

PHASE 3
EVALUATION CRITERIA (1 of 3)

Performance Measures	Criterion	Evaluation Parameters	Evaluation Parameters (Units)
MOBILITY			
Improve mobility and operational efficiency	Improves US 290 operational efficiency - increase roadway capacity and reduce travel time during peak hours for 2035 traffic	Through capacity of US 290 mainlanes and frontage roads	Vehicles/day
		Westbound mainlanes: Travel time along WB US 290 mainlanes Old Fredericksburg Road to Circle Drive, p.m. peak	Minutes
		Westbound frontage roads: Travel time along WB US 290 frontage road from Old Fredericksburg Road to Circle Drive, p.m. peak	Minutes
		Eastbound mainlanes: Travel time along EB US 290 mainlanes from Circle Drive to Old Fredericksburg Road, a.m. peak	Minutes
		Eastbound frontage roads: Travel time along EB US 290 frontage road from Circle Dr to Old Fredericksburg Rd, a.m. peak	Minutes
	Improves SH 71 operational efficiency - increase roadway capacity and reduce travel time during peak hours for 2035 traffic	Through capacity of SH 71	Vehicles/day
		Westbound mainlanes: Travel time along WB US 290 and SH 71 from Old Fredericksburg Road to Silvermine Drive, p.m. peak	Minutes
		Westbound frontage roads: Travel time along WB US 290 and SH 71 from Old Fredericksburg Road to Silvermine Drive, p.m. peak	Minutes
		Eastbound mainlanes: Travel time along EB SH 71 and US 290 from Silvermine Drive to Old Fredericksburg Road, a.m. peak	Minutes
		Eastbound frontage roads: Travel time along EB SH 71 and US 290 from Silvermine Drive to Old Fredericksburg Road, a.m. peak	Minutes

OAK HILL PARKWAY

PHASE 3
EVALUATION CRITERIA (2 of 3)

Performance Measures	Criterion	Evaluation Parameters	Evaluation Parameters (Units)
COST & HUMAN IMPACTS			
Potential property impacts	Minimize residential relocations	Number of residential relocations	Each
	Minimize commercial displacements	Number of commercial displacements	Each
	Changes in access	Number of changes by parcel	Number by parcel
	Minimize displacement of public facilities	Number and type of public facility displacement	Each and type
Potential noise impacts	Minimize noise impacts to sensitive receivers	Number of potential noise impacts	Each
Potential air quality impacts	Minimize impacts to air quality	Number of impacts to sensitive receptors	Each
Community impacts	Minimize impacts to environmental justice communities	Are there environmental justice communities?	Yes/No
	Minimize impacts to community cohesion/access	Change in the number of access points in/out of a neighborhood	Each
Aesthetics and visual impacts	Project fits into the current character of the community	Miles of elevated structure	Miles
		Feet of Williamson Creek reconstruction	Linear feet
		Volume of concrete bridges and culverts within floodplain removed	Cubic feet
Preliminary project cost	Minimize construction cost	Preliminary construction cost estimate	$ Million
	Minimize right of way cost	Right of way area	Acres
		Preliminary right of way estimated cost	$ Million
	Minimize utility relocation cost	Preliminary utility relocation cost	$ Million

OAK HILL PARKWAY

PHASE 3
EVALUATION CRITERIA (3 of 3)

Performance Measures	Criterion	Evaluation Parameters	Evaluation Parameters (Units)
CULTURAL RESOURCES IMPACTS			
Cultural resources	Minimize impacts to National Register of Historic Places (NHRP) structures	Number of NHRP structures or property affected by the project	Each
	Minimize impacts to recorded archaeological sites	Number of recorded archeological sites affected by the project	Each
	Avoid impacts to Section 6 and 4(f) properties	Number of Section 6 and 4(f) properties affected by the project	Each
NATURAL RESOURCES IMPACTS			
Potential water resources impacts	Minimize Edwards Aquifer Recharge Zone (EARZ) and Contributing Zone (CZ) impacts	Acres of impervious cover in the EARZ and CZ	Acres
	Minimize 100-year floodplain (FEMA) impacts	Acres of floodplain displaced by fill within proposed right of way	Acres
	Minimize flood-stage flow in Williamson Creek	100-year flow rate of Williamson Creek at William Cannon Drive	Cubic feet/second
	Minimize recharge features affected	Number of known recharge features affected	Each
	Minimize stream/creek crossings	Linear feet of stream impacts	Linear feet
	Maximize improvement of water quality	Total Suspended Solids (TSS) removal	Pounds
		Number of hazardous material traps constructed	Each
	Minimize impacts to wetlands	Acres of wetlands	Acres
	Minimize impacts to waters of the U.S.	Length of waters of the U.S. displaced by permanent fill	Linear feet
Threatened/endangered species potential impacts	Minimize endangered songbird impacts	Acres of potential habitat within proposed right of way	Acres
	Minimize endangered karst species impacts	Presence/absence within the proposed right of way	Yes/No
	Minimize endangered salamander species impacts	Is the risk of contamination of waters leading to Barton Springs reduced?	Yes/No
Vegetation impacts	Minimize riparian woodland impacts	Area of riparian woodlands removed by the project	Acres
	Minimize impacts to mature oak trees (larger than 20" diameter)	Area of woody vegetation removed by the project	Acres
Potential for induced growth	Identify areas of potential induced growth	Will the project potentially result in induced growth?	Yes/No