
























































K-10 Capacity Improvements Project

Reasonable Alternatives Screening

Criteria	Impact	No-Build	Traditional Widening	Express Toll Lanes
Purpose and Need Criteria				
Enhance Safety Performance				
Reduction in Number and Severity of Congestion-Related Crashes	Achievement			
Improve Bicycle and Pedestrian Safety at Crossroad Arterials	Achievement			
Improve Traffic Operations				
Change in Travel Level of Service (Percent of Corridor with Substantial Freeflow)	Achievement			
Change in Travel Speed (Average Peak Speed)	Achievement			
Improve Infrastructure Condition				
Change in Roadway & Bridge Condition	Achievement			
Support Environmental Sustainability	Achievement			
Provide Flexible Choices				
Access and Connectivity to Bicycle & Pedestrian Facilities	Achievement			
Reliability for Transit Riders	Achievement			
Support Local and Regional Growth				
Compatibility with Local Planning	Achievement			
Compatibility with Regional Planning	Achievement			
Natural and Human Environment Criteria				
Park and Recreational Area (Acres)	Impact	0	0.18	0.18
Bike Lanes and Trails (Feet)	Impact	0	Bike Lanes: 3,643 Trails: 12,856	Bike Lanes: 3,643 Trails: 12,856
Community Facility Impacts	Impact	0	2 (1 school & 1 church)	2 (1 school & 1 church)
Environmental Justice - Low Income and Minority Population Impacts	Impact	None	8 Low-Income Population Block Groups; 9 Minority Block Groups	8 Low-Income Population Block Groups; 9 Minority Block Groups
Noise Impacts	Impact			
Wetland Impacts (Acres)	Impact	None	8.96	9.26
Floodplains Impacts - Floodway and 100 Yr Floodplain (Acres)	Impact	None	Floodway: 6.72 100-Yr Floodplain: 12.66 Total: 19.38	Floodway: 7.06 100-Yr Floodplain: 13.09 Total: 20.15
Potential T&E Species & Critical Habitat Impacts	Impact	None	Potential TES Impacted: 6 Federal 18 State/County Critical Habitat Impacted: None	Potential TES Impacted: 6 Federal 18 State/County Critical Habitat Impacted: None
Stream Impacts (Feet)	Impact	None	18,195	18,850
Hazardous Material Impacts (Sites)	Impact	None	2	2
Cultural and Historic Sites Impacts	Impact	None	0	0
Air Quality, Emissions and Energy Impacts	Impact			
Indirect and Cumulative Impacts	Impact			
Engineering and Cost Criteria				
Roadway and Interchange Geometrics	Achievement			
Right-of-Way Impacts (Acres)	Impact	None	65.48	65.53
Residential or Business Displacements	Impact	None	Residential: 4	Residential: 4
Ease of Phasing, Maintenance of Traffic, and Constructability	Impact	N/A		
Estimated Construction Costs (2023 dollars)	Impact	None	1.16 Billion	1.20 Billion
Estimated Life-Cycle Costs	Achievement			
Public and Stakeholder Input Criteria	Achievement			

-  **High Impact/No or Low Achievement**
-  **Substantial Impact/Slight Achievement**
-  **Moderate Impact/Moderate Achievement**
-  **Slight Impact/Substantial Achievement**
-  **No or Low Impact/High Achievement**