

INPUTS

Project Information	
Name:	Roesner Road
Application ID Number:	301
Sponsor ID Number (CSJ, etc.):	
Project County	Fort Bend

	Data entered by the sponsors
	Data populated/calculated based on inputs
	HGAC regional travel demand model data prc
	Benefits calculated by the template

Proposed Improvements Information	
Year Open to Traffic? (Must be >=2021)	2025
Type of Improvement	Roadway Improvements
Type of Facility	Non-Freeway
Total Length of Corridors Effected by Project (miles)	3
Average Roadway Speed Before Improvement (mph)	30
Average Roadway Speed After Improvement (mph)	45
Service Life of Project (from MoSERS)	20

Daily Travel Demand	
Total 2018 Daily Traffic Volume for Corridors Effected by project	16,179
Total Estimated 2025 Daily Traffic Volume for Corridors Effected by project	22,696
Total Estimated 2045 Daily Traffic Volume for Corridors Effected by project	26,140

OUTPUTS

Benefit Results	
Discounted NOx Benefits @ 7% (2018 \$)	\$1,753
Discounted VOC Benefits @ 7% (2018 \$)	\$746

Total Emissions Benefit Results	
Discounted Emissions Benefits @ 7% (2018 \$)	\$2,499

Total Emissions Reductions	
NOx Emission Reductions (tons)	0.67
VOC Emission Reductions (tons)	1.12