

INPUTS

Project Information	
Name:	SH99 mainlanes
Application ID Number:	274
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 provided by HGAC
	Benefits calculated by the template

Proposed Improvements Information	
Year Open to Traffic? (Must be >=2021)	2022
Type of Improvement	Roadway Improvements
Type of Facility	Freeway
Total Length of Corridors Effected by Project (miles)	3
Average Roadway Speed Before Improvement (mph)	55
Average Roadway Speed After Improvement (mph)	60
Service Life of Project (from MoSERS)	20

Daily Travel Demand	
Total 2018 Daily Traffic Volume for Corridors Effected by project	53,719
Total Estimated 2025 Daily Traffic Volume for Corridors Effected by project	74,012
Total Estimated 2045 Daily Traffic Volume for Corridors Effected by project	106,435

OUTPUTS

Benefit Results	
Discounted NOx Benefits @ 7% (2018 \$)	-\$7,661
Discounted VOC Benefits @ 7% (2018 \$)	\$195

Total Emissions Benefit Results	
Discounted Emissions Benefits @ 7% (2018 \$)	-\$7,466

Total Emissions Reductions	
NOx Emission Reductions (tons)	(2.45)
VOC Emission Reductions (tons)	(0.25)