

INPUTS

Project Information	
Name:	SH99 at Peek
Application ID Number:	265
Sponsor ID Number (CSJ, etc.):	
Project County	Fort Bend

	Data entered by the sp
	Populated based on se
	Benefits calculated by 1

Proposed Improvements Information	
Year Open to Traffic? (Must be >=2021)	2022
Type of Improvement	Grade Separations
Service Life of Project (in years) (from MoSERS)	20
Average Vehicle Delay at Intersection Before Implementation (in hours)	712.5
Average Vehicle Delay at Intersection After Implementation (in hours)	193.6

Daily Travel Demand	
Average Daily Peak Period Intersection Traffic Volume (6-9 AM + 3-7 PM) (2018)	42775
Average Intersection Daily Traffic Volume During Off-Peak Hours	42775

2018 Peak Traffic Volume at the Intersection	42775
Estimated 2025 Peak Traffic Volume at the Intersection	53426
Estimated 2045 Peak Traffic Volume at the Intersection	77355

OUTPUTS

Benefit Results	
Discounted NOx Benefits @ 7% (2018 \$)	\$401,037,771
Discounted VOC Benefits @ 7% (2018 \$)	\$3,429,050

Total Emissions Benefit Results	
Discounted Emissions Benefits @ 7% (2018 \$)	\$404,466,820

Project Life Total Emissions Reductions (Life of Project = 20)	
NOx Emission Reductions (tons/year)	128,966.27
VOC Emission Reductions (tons/year)	4,302.58