

INPUTS

Project Identification		
Project Title:	C.E. King Parkway Added C	Data entered by the sponsors
County	Harris	HGAC regional travel demand model data provided by HGAC
Facility Type	Non Freeway	Data populated/calculated based on inputs
Street Name:	CE King Parkway	Benefits calculated by the template
Limits (From)	BW8 East (Southbound)	
Limits (To)	Tidwell Road	
Length (in Miles)	3.3	
Application ID Number:	126	
Sponsor ID Number (CSJ, etc.):	1910MF0Y301	

Proposed Improvements Information	
Year Open to Traffic (must be >=2021)	2023
Type of Improvement	Adding New Lanes or Roads
Estimated Delay Reductions (in %)	40%
Service Life (years):	20

Interim Calculations for Delay Reductions	
Estimated Free flow Travel Time (in Hrs)	0.1269
Estimated Average Travel Time without project (in Hrs)	0.1571
Estimate Average Delay without project (in Hrs)	0.0302
Estimate Delay Reduced	0.0121
Estimated Delay with project	0.0181
Average Peak Travel Time with project	0.1451

Daily Travel Demand	
2018 ADT	15000

2018 Peak Period Traffic Volume	6,450
Peak Period Traffic Volume in Year Open to Traffic	9,550

VHT Improvements	With Project	Without Project
VHT (Daily) In year open to traffic	1,385	1,501

Estimated Free Flow Speed before improvement	26
Average Peak Period Corridor Speed before improvement	21
2018 Peak Period Traffic Volume	6,450
2018 Peak Period Roadway Capacity	13,889
Estimated 2025 Peak Period Traffic Volume	11,173
2025 Peak Period Roadway Capacity	21,738
Estimated 2045 Peak Period Traffic Volume	13,892
2045 Peak Period Roadway Capacity	21,738

DELAY BENEFITS

OUTPUTS

Benefit Results	
Discounted Delay Benefits @ 7% (2018 \$, '000s)	\$9,852