

## INPUTS

Project Identification	
Project Title:	Birnhams Woods Sidewalk Extension
County	Montgomery
Facility Type	Non Freeway
Street Name:	Birnhams Woods Drive
Limits (From)	Fuller Bluff Drive
Limits (To)	Elan Boulevard
Length (in Miles)	1.1
Application ID Number:	
Sponsor ID Number (CSJ, etc.):	

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

\* Length of the actual sidewalk extension in this project. Approx 5,850 LF

Proposed Improvements Information	
Year Open to Traffic? (Must be >=2021)	2021
Type of Improvement	Pedestrian Connections
Estimated Delay Reductions (in %)	1%
Service Life (years):	12

Interim Calculations for Delay Reductions	
Estimated Free flow Travel Time (in Hrs)	0.0423
Estimated Average Travel Time without project (in Hrs)	0.0688
Estimate Average Delay without project (in Hrs)	0.0264
Estimate Delay Reduced	0.0003
Estimated Delay with project	0.0262
Average Peak Travel Time with project	0.0685

Daily Travel Demand	
2018 ADT	10522

2018 Peak Period Traffic Volume	4,524
Peak Period Traffic Volume in Year Open to Traffic	7,070

VHT Improvements	With Project	Without Project
VHT (Daily) In year open to traffic	484	486

Estimated Free Flow Speed before improvement	26
Average Peak Period Corridor Speed before improvement	16
2018 Peak Period Traffic Volume	4,524
2018 Peak Period Roadway Capacity	10,361
Estimated 2025 Peak Period Traffic Volume	12,820
2025 Peak Period Roadway Capacity	15,316
Estimated 2045 Peak Period Traffic Volume	14,223
2045 Peak Period Roadway Capacity	15,316

## OUTPUTS

Benefit Results	
Discounted Delay Benefits @ 7% (2018 \$, '000s)	\$160