

INPUTS

Project Information	
Name:	Birnam Woods Sidewalk Exetnsion
Application ID Number:	
Sponsor ID Number (CSJ, etc.):	
Project County	Montgomery

	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

Proposed Improvements Information	
Year Open to Traffic? (Must be >=2021)	2021
Type of Improvement	Install new Sidewalks
Facility Type	Non Freeway
Average Roadway Speed (mph)	40
Service Life of Project	12

Daily Travel Demand	
Number of New Daily Users in Year Open to Traffic	380
Average One way Trip Length	1.4

Assumed 10% of student population plus parents (1,900 x 10% x 2 = 380)

2018 Peak Period Traffic Volume	6,408
2025 Peak Period Traffic Volume	8,300
2045 Peak Period Traffic Volume	9,867

OUTPUTS

Benefit Results	
Discounted NOx Benefits @ 7% (2018 \$)	\$741.08
Discounted VOC Benefits @ 7% (2018 \$)	\$38.00

Total Emissions Benefit Results	
Discounted Emissions Benefits @ 7% (2018 \$)	\$779.09

Emissions Reductions (Life of Project = 12)	
NOx Emission Reductions (tons/year)	0.48
VOC Emission Reductions (tons/year)	0.10