







![](_page_2_Figure_0.jpeg)

#### **Alternatives Comparison** 14 Altern R 2 6 8 ٨ 2 6 0 \$0 \$17,000 \$51,000 a. Traffic Signal Maintenance Costs Savings b. Travel Time Savings \$483,678 \$1,085,184 \$0 c. Gas Savings \$0 \$10,318 \$23,151 \$1,872 d. Vehicle Emissions \$0 \$4,173

	Alternatives Comparison					
	Alternative	A	В	с		
		8	6	2		
		0	2	6		
	a. Traffic Signal Maintenance Costs Savings	\$0	\$17,000	\$51,000		
	b. Travel Time Savings	\$0	\$483,678	\$1,085,184		
	c. Gas Savings	\$0	\$10,318	\$23,151		
	d. Vehicle Emissions	\$0	\$1,872	\$4,173		
	e. Safety: Reduced Crashes	\$0	\$2,263,711	\$4,369,706		

# Alternatives Comparison

16

18

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	0	2	6	
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b. Travel Time Savings	\$0	\$483,678	\$1,085,184	
c. Gas Savings	\$0	\$10,318	\$23,151	
d. Vehicle Emissions	\$0	\$1,872	\$4,173	
e. Safety: Reduced Crashes	\$0	\$2,263,711	\$4,369,706	
f. Level of Service	D/C   B/B	C/C   B/B	C/C   B/A	
	Alternative	Alternative A   Image: Constraint of the sector of the sec	Alternative A B   Image: Constraint of the sector of the se	Alternative     A     B     C       Image: Comparison of the stress of the str

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f. Level of Service	D/C   B/B	C/C   B/B	C/C   B/A			
Proliminary Cost Estimato (\$4)	\$33.15	\$33.00	\$32.47			

## **Alternatives Comparison**

### Recommended Alternative C

Least Expensive and Safest Efficiently Moves all Forms of Traffic Least Operating Cost to Traveling Public (time, gas, emissions) Meets goals of City's long-range planning (2020 Strategic Plan & Comprehensive Plan)

**Best Value for Overall Cost** 

![](_page_3_Figure_0.jpeg)

![](_page_3_Figure_1.jpeg)

# Roundabouts – Are They Working?

In the 1<sup>st</sup> year post-roundabouts.....

18% Reduction in property damage only accidents

> **33%** Reduction in damages

89% Reduction in Personal Injury Accidents

![](_page_4_Picture_5.jpeg)

![](_page_4_Picture_6.jpeg)