

2018 Call for Projects Benefit Cost Analysis Questions (All Investment Categories)

Project: **Lakes of Champions Widening**

1. Safety Benefits
 - a **\$5,667,000 (see attached)**
2. Delay Benefits
 - a **\$347,000 (see attached)**
3. Emissions Benefits
 - a **\$0 (see attached)**
4. Additional BCA Documentation (Optional)
 - a **N/A**
5. Additional BCA Documentation (Optional)
 - a **N/A**
6. Please provide a brief narrative describing the methodology, input data and results. (Optional)

Using the provided HGAC variables and total construction cost of \$2,880,840, the BCA was calculated based on the equation:

Benefit/Cost Analysis Measure(s): [Safety Benefits (\$) + Delay + Emissions Reductions (\$)]/Funding Requested

Total Benefits: **\$6,014,000**

Total Funding Requested: **\$2,304,672**

B/C: **2.61**