

BENEFIT COST ANALYSIS WORKSHEET

Date: 08/14/09
 Location: Eller Drive
 Description of Project: Existing 2008 and no build 2028

INPUT VALUES

| | |
|--|---------|
| AM Peak Hour Volume (veh) | 747 |
| PM Peak Hour Volume(veh) | 559 |
| Annual Average Daily Traffic (AADT) | 9,400 |
| Existing AM Peak Hour Delay (Veh-Hour) | 249.0 |
| Existing PM Peak Hour Delay (Veh-Hour) | 186.0 |
| Proposed AM Peak Hour Delay (Veh-Hour) | 408.0 |
| Proposed PM Peak Hour Delay (Veh-Hour) | 303.0 |
| Cost of Time | \$10.00 |
| Assumed Interest Rate | 7.0% |

BENEFIT

| | |
|--|-------------------------|
| Daily Delay (existing) | 3130.93 |
| Daily Delay (proposed) | 5117.46 |
| Life Time Delay Cost (existing) | \$11,427,909.65 |
| Life Time Delay Cost (proposed) | \$18,678,721.29 |
| Project Lifetime Project Operational Benefit | (\$7,250,811.64) |

ANNUAL COST OF IMPROVEMENT

| TYPE | COST | LIFE | CRF | TOTAL |
|---------------------|-------------------|------|--------|-------------------------|
| R.O.W | \$0.00 | 0 | - | \$0.00 |
| P.E.C.E.I. | \$0.00 | 0 | - | \$0.00 |
| STRUCTURE | \$0.00 | 0 | - | \$0.00 |
| ROADWAY | \$0.00 | 0 | - | \$0.00 |
| PAVEMENT | \$0.00 | 0 | - | \$0.00 |
| Entire Project Cost | (\$48,579,818.68) | 20 | 0.0944 | (\$4,585,591.22) |
| TOTAL | | | | (\$4,585,591.22) |

BENEFIT / COST RATIO 1.6