

# 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	<b>(\$7,250,811.64)</b>

## 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)
<b>TOTAL</b>				<b>(\$4,585,591.22)</b>

**BENEFIT / COST RATIO** 1.6