

## **APPENDIX I**

### **TRAFFIC DATA**

## Glenwood Avenue Traffic Volume and TI Calculation

<b>Southbound</b>										
Dates	Cars & Tlrs.	2 Axle long	Buses	2 Axle 6 Tire	3 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	>6 Axle Multi	Total
11/10/2012	220	46	0	4	1	0	0	0	0	271
11/11/2012	227	31	1	2	0	0	0	0	0	261
11/12/2012	177	18	0	2	0	0	0	0	0	197
11/13/2012	211	37	0	3	0	0	0	0	0	251
11/14/2012	226	42	0	7	1	0	0	0	0	276
11/15/2012	236	50	0	7	0	0	0	0	0	293
11/16/2012	211	36	0	7	0	0	0	0	0	254
Average	216	38	1	5	1	0	0	0	0	258
<b>SB</b>										
	Volume			ESAL	Truck ADT	Percent of Vol.	20-Year ESAL	Project Traffic	20-Year ESAL	
	258	2-axle		1380	6	2.3%	8280		8280	
		3-axle		3680	1	0.4%	3680	2	11040	
		4-axle		5880	0	0.0%	0		0	
		5-axle		13780	0	0.0%	0		0	
							11960		19320	
						TI=	5.50		5.50	
<b>Northbound</b>										
Dates	Cars & Tlrs.	2 Axle long	Buses	2 Axle 6 Tire	3 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	>6 Axle Multi	Total
11/10/2012	253	27	0	12	1	0	0	0	0	293
11/11/2012	236	49	0	0	0	0	0	0	0	285
11/12/2012	189	26	0	1	1	0	0	0	0	217
11/13/2012	223	36	0	5	0	0	0	0	0	264
11/14/2012	246	33	0	6	0	0	0	0	0	285
11/15/2012	220	36	0	10	0	0	0	0	0	266
11/16/2012	253	48	0	7	0	0	0	0	0	308
Average	232	37	0	6	1	0	0	0	0	274
<b>NB</b>										
	Volume			ESAL	Truck ADT	Percent of Vol.	20-Year ESAL	Project Traffic	20-Year ESAL	
	274	2-axle		1380	6	2.2%	8280		8280	
		3-axle		3680	1	0.4%	3680	2	11040	
		4-axle		5880	0	0.0%	0		0	
		5-axle		13780	0	0.0%	0		0	
							11960		19320	
						TI=	5.50		5.50	

## Upper Road Traffic Volumes and TI Calculation

Dates	Westbound									Total
	Cars & Tlrs.	2 Axle long	Buses	2 Axle 6 Tire	3 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	>6 Axle Multi	
11/12/2012	87	18	0	0	0	0	0	0	0	105
11/13/2012	112	22	0	1	1	0	0	0	0	136
11/14/2012	123	27	0	0	0	0	0	0	0	150
11/15/2012	114	33	0	0	0	0	0	0	0	147
11/30/2012	116	12	0	0	0	0	0	0	0	128
12/1/2012	85	3	0	0	0	0	0	0	0	88
12/2/2012	92	4	0	0	0	0	0	0	0	96
Average	105	17	0	1	1	0	0	0	0	122
		SB Volume 122		ESAL	Truck ADT	Percent of Vol.	20-Year ESAL	Project Traffic	20-Year ESAL	
		2-axle	1380	1	0.8%	1380		1380		
		3-axle	3680	1	0.8%	3680	2	11040		
		4-axle	5880	0	0.0%	0		0		
		5-axle	13780	0	0.0%	0		0		
						5060		12420		
					TI=	5.00		5.50		
Dates	Eastbound									Total
	Cars & Tlrs.	2 Axle long	Buses	2 Axle 6 Tire	3 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	>6 Axle Multi	
11/12/2012	104	18	0	1	0	0	0	0	0	123
11/13/2012	119	15	0	1	0	0	0	0	0	135
11/14/2012	126	24	0	2	1	0	0	0	0	153
11/15/2012	102	35	0	0	0	0	0	0	0	137
11/30/2012	112	14	0	0	0	0	0	0	0	126
12/1/2012	81	7	0	0	0	0	0	0	0	88
12/2/2012	94	2	0	0	0	0	0	0	0	96
Average	106	17	0	1	1	0	0	0	0	123
		NB Volume 123		ESAL	Truck ADT	Percent of Vol.	20-Year ESAL	Project Traffic	20-Year ESAL	
		2-axle	1380	1	0.8%	1380		1380		
		3-axle	3680	1	0.8%	3680	2	11040		
		4-axle	5880	0	0.0%	0		0		
		5-axle	13780	0	0.0%	0		0		
						5060		12420		
					TI=	5.00		5.50		