APPENDIX T-12:

Accident Rate Calculations

Accident Rate Calculation Sheet

Intersection:	Brewster St/Glen Cove Ave & WB Charles St
Type:	4 Legged &> Intersections: Signal w/ Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents
Right Angle	6
Rear End	10
Head On	0
Left Turn	0
Fixed Object	0
Overtake	2
Pedestrian/Bike	2
Other/Unkown	0
Total	**20**

Traffic Entering Intersection	
Northbound AADT	10,850 veh/day*
Southbound AADT	11,150 veh/day*
Westbound AADT	9,950 veh/day*
Eastbound AADT	-
Total	31,950 veh/day

* See Table III.F-1 for Summary of AADT.

$$\text{Accident Rate (Acc/MEV)} = \frac{(\# \text{ Accidents}) (1,000,000)}{(\# \text{ Years of Data}) (\text{AADT Entering Intersection}) (365 \text{ Days/Year})}$$

Overall

Intersection Accident Rate:	0.57	Acc/MEV
Statewide Average Rate:	0.28	Acc/MEV

Most Common Accident Type: Rear End

Intersection Accident Rate:	0.29	Acc/MEV
Statewide Average Rate:	0.10	Acc/MEV

2nd Most Common Accident Type: Right Angle

Intersection Accident Rate:	0.17	Acc/MEV
Statewide Average Rate:	0.04	Acc/MEV

Accident Rate Calculation Sheet

Intersection:	Glen Cove Ave & Charles St
Type:	4 Legged &> Intersections: Signal w/ Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents
Right Angle	4
Rear End	2
Head On	0
Left Turn	3
Fixed Object	0
Overtake	0
Pedestrian/Bike	0
Other/Unkown	0
Total	**9**

Traffic Entering Intersection	
Northbound AADT	10,850 veh/day*
Southbound AADT	8,350 veh/day*
Westbound AADT	-
Eastbound AADT	2,100 veh/day*
Total	21,300 veh/day

* See Table III.F-1 for Summary of AADT.

$$\text{Accident Rate (Acc/MEV)} = \frac{(\# \text{ Accidents}) (1{,}000{,}000)}{(\# \text{ Years of Data}) (\text{AADT Entering Intersection}) (365 \text{ Days/Year})}$$

Overall

Intersection Accident Rate:	0.39	Acc/MEV
Statewide Average Rate:	0.28	Acc/MEV

Most Common Accident Type: Right Angle

Intersection Accident Rate:	0.17	Acc/MEV
Statewide Average Rate:	0.04	Acc/MEV

2nd Most Common Accident Type: Left Turn

Intersection Accident Rate:	0.13	Acc/MEV
Statewide Average Rate:	0.02	Acc/MEV

Accident Rate Calculation Sheet

Intersection:	Glen Cove Ave & Morris Ave
Type:	3 Legged Intersections: Signal w/ Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents		Traffic Entering Intersection	
Right Angle	1		Northbound AADT	7,280 veh/day*
Rear End	1		Southbound AADT	7,440 veh/day*
Head On	1		Westbound AADT	-
Left Turn	1		Eastbound AADT	1,060 veh/day*
Fixed Object	0		**Total**	15,780 veh/day
Overtake	2			
Pedestrian/Bike	0		* See Appendix L-2 for Turning Movement	
Other/Unkown	3		Count Data.	
Total	**9**			

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents}) (1{,}000{,}000)}{(\text{\# Years of Data}) (\text{AADT Entering Intersection}) (365 \text{ Days/Year})}$$

Overall

Intersection Accident Rate:	0.52	Acc/MEV
Statewide Average Rate:	0.19	Acc/MEV

Most Common Accident Type: Overtake

Intersection Accident Rate:	0.12	Acc/MEV
Statewide Average Rate:	0.01	Acc/MEV

2nd Most Common Accident Type: Rear End

Intersection Accident Rate:	0.06	Acc/MEV
Statewide Average Rate:	0.06	Acc/MEV

Accident Rate Calculation Sheet

Intersection:	Brewster St & Herb Hill Rd/Mill Hill Rd/Shopping Center
Type:	4 Legged &> Intersections: Signal w/ Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents
Right Angle	3
Rear End	9
Head On	0
Left Turn	3
Fixed Object	0
Overtake	2
Pedestrian/Bike	2
Other/Unkown	0
Total	**19**

Traffic Entering Intersection	
Northbound AADT	11,600 veh/day*
Southbound AADT	8,730 veh/day*
Westbound AADT	1,320 veh/day*
Eastbound AADT	620 veh/day*
Total	22,270 veh/day

* See Appendix L-2 for Turning Movement Count Data.

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents})(1{,}000{,}000)}{(\text{\# Years of Data})(\text{AADT Entering Intersection})(365\ \text{Days/Year})}$$

Overall

Intersection Accident Rate:	0.78	Acc/MEV
Statewide Average Rate:	0.28	Acc/MEV

Most Common Accident Type: Rear End

Intersection Accident Rate:	0.37	Acc/MEV
Statewide Average Rate:	0.10	Acc/MEV

2nd Most Common Accident Type: Right Angle

Intersection Accident Rate:	0.12	Acc/MEV
Statewide Average Rate:	0.04	Acc/MEV

Accident Rate Calculation Sheet

Intersection:	Glen Cove Ave & Shore Rd
Type:	3 Legged Intersections: Signal w/ Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents
Right Angle	2
Rear End	5
Head On	0
Left Turn	2
Fixed Object	1
Overtake	0
Pedestrian/Bike	0
Other/Unkown	0
Total	10

Traffic Entering Intersection	
Northbound AADT	6,390 veh/day*
Southbound AADT	8,890 veh/day*
Westbound AADT	-
Eastbound AADT	4,020 veh/day*
Total	19,300 veh/day

* See Appendix L-2 for Turning Movement Count Data.

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents})\ (1{,}000{,}000)}{(\text{\# Years of Data})\ (\text{AADT Entering Intersection})\ (365\ \text{Days/Year})}$$

Overall

Intersection Accident Rate:	0.47	Acc/MEV
Statewide Average Rate:	0.19	Acc/MEV

Most Common Accident Type: Rear End

Intersection Accident Rate:	0.24	Acc/MEV
Statewide Average Rate:	0.06	Acc/MEV

2nd Most Common Accident Type: Right Angle

Intersection Accident Rate:	0.09	Acc/MEV
Statewide Average Rate:	0.03	Acc/MEV

Accident Rate Calculation Sheet

Intersection:	Glen Cove Ave & Sea Cliff Ave
Type:	4 Legged &> Intersections: Signal w/ Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents
Right Angle	1
Rear End	1
Head On	0
Left Turn	0
Fixed Object	0
Overtake	1
Pedestrian/Bike	0
Other/Unkown	2
Total	**5**

Traffic Entering Intersection	
Northbound AADT	4,590 veh/day*
Southbound AADT	4,180 veh/day*
Westbound AADT	2,640 veh/day*
Eastbound AADT	1,680 veh/day*
Total	13,090 veh/day

* See Appendix L-2 for Turning Movement Count Data.

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents}) (1{,}000{,}000)}{(\text{\# Years of Data}) (\text{AADT Entering Intersection}) (365 \text{ Days/Year})}$$

Overall

Intersection Accident Rate:	0.35	Acc/MEV
Statewide Average Rate:	0.28	Acc/MEV

Most Common Accident Type: Rear End

Intersection Accident Rate:	0.07	Acc/MEV
Statewide Average Rate:	0.10	Acc/MEV

2nd Most Common Accident Type: Right Angle

Intersection Accident Rate:	0.07	Acc/MEV
Statewide Average Rate:	0.04	Acc/MEV

Accident Rate Calculation Sheet

Intersection:	Glen Cove Ave & Glen Head Rd
Type:	4 Legged &> Intersections: Signal w/ Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents
Right Angle	1
Rear End	1
Head On	0
Left Turn	2
Fixed Object	0
Overtake	0
Pedestrian/Bike	1
Other/Unkown	1
Total	**6**

Traffic Entering Intersection	
Northbound AADT	5,500 veh/day*
Southbound AADT	6,390 veh/day*
Westbound AADT	4,970 veh/day*
Eastbound AADT	2,850 veh/day*
Total	19,710 veh/day

* See Appendix L-2 for Turning Movement Count Data.

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents}) (1{,}000{,}000)}{(\text{\# Years of Data}) (\text{AADT Entering Intersection}) (365 \text{ Days/Year})}$$

Overall

Intersection Accident Rate:	0.28	Acc/MEV
Statewide Average Rate:	0.28	Acc/MEV

Most Common Accident Type: Left Turn

Intersection Accident Rate:	0.09	Acc/MEV
Statewide Average Rate:	0.02	Acc/MEV

2nd Most Common Accident Type: Rear End

Intersection Accident Rate:	0.05	Acc/MEV
Statewide Average Rate:	0.10	Acc/MEV

Engineering, Surveying and Landscape Architecture, P.C.

Accident Rate Calculation Sheet

Intersection:	Glen Cove Rd at NY 107 Split
Type:	3 Legged Intersections: Signal w/ Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents
Right Angle	0
Rear End	1
Head On	0
Left Turn	0
Fixed Object	0
Overtake	1
Pedestrian/Bike	0
Other/Unkown	0
Total	**2**

Traffic Entering Intersection	
Northbound AADT	21,661 veh/day*
Southbound AADT	11,646 veh/day*
Westbound AADT	9,157 veh/day*
Eastbound AADT	-
Total	42,464 veh/day

* See NYSDOT AADT Data Sheets

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents}) \, (1{,}000{,}000)}{(\text{\# Years of Data}) \, (\text{AADT Entering Intersection}) \, (365 \, \text{Days/Year})}$$

Overall

Intersection Accident Rate:	0.04	Acc/MEV
Statewide Average Rate:	0.19	Acc/MEV

Most Common Accident Type: Rear End

Intersection Accident Rate:	0.02	Acc/MEV
Statewide Average Rate:	0.06	Acc/MEV

2nd Most Common Accident Type: Overtake

Intersection Accident Rate:	0.02	Acc/MEV
Statewide Average Rate:	0.01	Acc/MEV

VHB *Engineering, Surveying and Landscape Architecture, P.C.*

Accident Rate Calculation Sheet

Intersection:	Glen Cove Rd & Glen Head Rd
Type:	4 Legged &> Intersections: Signal w/ Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents
Right Angle	3
Rear End	9
Head On	0
Left Turn	2
Fixed Object	0
Overtake	2
Pedestrian/Bike	0
Other/Unkown	2
Total	**18**

Traffic Entering Intersection	
Northbound AADT	10,640 veh/day*
Southbound AADT	14,920 veh/day*
Westbound AADT	2,930 veh/day*
Eastbound AADT	4,370 veh/day*
Total	32,860 veh/day

* See Appendix L-2 for Turning Movement Count Data.

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents}) \, (1{,}000{,}000)}{(\text{\# Years of Data}) \, (\text{AADT Entering Intersection}) \, (365 \text{ Days/Year})}$$

Overall

Intersection Accident Rate:	0.50	Acc/MEV
Statewide Average Rate:	0.28	Acc/MEV

Most Common Accident Type: Rear End

Intersection Accident Rate:	0.25	Acc/MEV
Statewide Average Rate:	0.10	Acc/MEV

2nd Most Common Accident Type: Right Angle

Intersection Accident Rate:	0.08	Acc/MEV
Statewide Average Rate:	0.04	Acc/MEV

Engineering, Surveying and Landscape Architecture, P.C.

Accident Rate Calculation Sheet

Intersection:	Glen Head Rd & NY107 (Cedar Swamp Rd)
Type:	3 Legged Intersections: Sign 4 Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents
Right Angle	0
Rear End	2
Head On	0
Left Turn	1
Fixed Object	0
Overtake	0
Pedestrian/Bike	0
Other/Unkown	0
Total	**3**

Traffic Entering Intersection	
Northbound AADT	8,050 veh/day*
Southbound AADT	6,340 veh/day*
Westbound AADT	-
Eastbound AADT	3,040 veh/day*
Total	17,430 veh/day

* See Appendix L-2 for Turning Movement Count Data.

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents}) (1,000,000)}{(\text{\# Years of Data}) (\text{AADT Entering Intersection}) (365 \text{ Days/Year})}$$

Overall

Intersection Accident Rate:	0.16	Acc/MEV
Statewide Average Rate:	0.07	Acc/MEV

Most Common Accident Type: Rear End

Intersection Accident Rate:	0.10	Acc/MEV
Statewide Average Rate:	0.02	Acc/MEV

2nd Most Common Accident Type: Left Turn

Intersection Accident Rate:	0.05	Acc/MEV
Statewide Average Rate:	0.01	Acc/MEV

Accident Rate Calculation Sheet

Intersection:	Glen Cove Ave & Back Rd
Type:	3 Legged Intersections: Sign 4 Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents		Traffic Entering Intersection	
Right Angle	0		Northbound AADT	3,310 veh/day*
Rear End	0		Southbound AADT	3,530 veh/day*
Head On	0		Westbound AADT	5,500 veh/day*
Left Turn	0		Eastbound AADT	-
Fixed Object	0		**Total**	12,340 veh/day
Overtake	0			
Pedestrian/Bike	0		* See Appendix L-2 for Turning Movement	
Other/Unkown	0		Count Data.	
Total	**0**			

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents}) (1,000,000)}{(\text{\# Years of Data}) (\text{AADT Entering Intersection}) (365 \text{ Days/Year})}$$

Overall

Intersection Accident Rate:	0.00	Acc/MEV
Statewide Average Rate:	0.07	Acc/MEV

Most Common Accident Type:

Intersection Accident Rate:	
Statewide Average Rate:	

2nd Most Common Accident Type:

Intersection Accident Rate:	
Statewide Average Rate:	

Accident Rate Calculation Sheet

Intersection:	Glen Cove Rd & Back Rd/Mary La
Type:	4 Legged &> Intersections: Signal w/ Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents
Right Angle	0
Rear End	1
Head On	0
Left Turn	0
Fixed Object	1
Overtake	0
Pedestrian/Bike	0
Other/Unkown	0
Total	**2**

Traffic Entering Intersection	
Northbound AADT	20,560 veh/day*
Southbound AADT	13,330 veh/day*
Westbound AADT	100 veh/day*
Eastbound AADT	4,350 veh/day*
Total	38,340 veh/day

* See Appendix L-2 for Turning Movement Count Data.

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents})\,(1{,}000{,}000)}{(\text{\# Years of Data})\,(\text{AADT Entering Intersection})\,(365\ \text{Days/Year})}$$

Overall

Intersection Accident Rate:	0.05	Acc/MEV
Statewide Average Rate:	0.28	Acc/MEV

Most Common Accident Type: Rear End

Intersection Accident Rate:	0.02	Acc/MEV
Statewide Average Rate:	0.10	Acc/MEV

2nd Most Common Accident Type:

Intersection Accident Rate:		
Statewide Average Rate:		

VHB *Engineering, Surveying and Landscape Architecture, P.C.*

Accident Rate Calculation Sheet

Intersection:	Pratt Blvd & Bridge St/Continental Pl
Type:	4 Legged &> Intersections: Signal w/ Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents
Right Angle	0
Rear End	1
Head On	0
Left Turn	0
Fixed Object	0
Overtake	0
Pedestrian/Bike	1
Other/Unkown	0
Total	**2**

Traffic Entering Intersection	
Northbound AADT	1,260 veh/day*
Southbound AADT	3,190 veh/day*
Westbound AADT	7,470 veh/day*
Eastbound AADT	7,620 veh/day*
Total	19,540 veh/day

* See Appendix L-2 for Turning Movement Count Data.

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents})\,(1{,}000{,}000)}{(\text{\# Years of Data})\,(\text{AADT Entering Intersection})\,(365\ \text{Days/Year})}$$

Overall

Intersection Accident Rate:	0.09	Acc/MEV
Statewide Average Rate:	0.28	Acc/MEV

Most Common Accident Type: Rear End

Intersection Accident Rate:	0.05	Acc/MEV
Statewide Average Rate:	0.10	Acc/MEV

2nd Most Common Accident Type:

Intersection Accident Rate:		
Statewide Average Rate:		

Project 27069 - Glen Isle Development   *VHB Engineering, Surveying and Landscape Architecture, P.C.*

Accident Rate Calculation Sheet

Intersection:	Brewster St & Cottage Row/School St
Type:	4 Legged &> Intersections: Signal w/ Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents		Traffic Entering Intersection	
Right Angle	4		Northbound AADT	11,300 veh/day*
Rear End	2		Southbound AADT	11,970 veh/day*
Head On	0		Westbound AADT	5,050 veh/day*
Left Turn	4		Eastbound AADT	4,560 veh/day*
Fixed Object	0		**Total**	32,880 veh/day
Overtake	0			
Pedestrian/Bike	0		* See Appendix L-2 for Turning Movement	
Other/Unkown	0		Count Data.	
Total	10			

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents}) \, (1{,}000{,}000)}{(\text{\# Years of Data}) \, (\text{AADT Entering Intersection}) \, (365 \text{ Days/Year})}$$

Overall

Intersection Accident Rate:	0.28	Acc/MEV
Statewide Average Rate:	0.28	Acc/MEV

Most Common Accident Type: Right Angle

Intersection Accident Rate:	0.11	Acc/MEV
Statewide Average Rate:	0.04	Acc/MEV

2nd Most Common Accident Type: Left Turn

Intersection Accident Rate:	0.11	Acc/MEV
Statewide Average Rate:	0.02	Acc/MEV

Accident Rate Calculation Sheet

Intersection:	Herb Hill Rd & Charles St
Type:	4 Legged &> Intersections: Signal w/ Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents
Right Angle	0
Rear End	1
Head On	0
Left Turn	1
Fixed Object	0
Overtake	0
Pedestrian/Bike	0
Other/Unkown	0
Total	**2**

Traffic Entering Intersection	
Northbound AADT	1,190 veh/day*
Southbound AADT	3,960 veh/day*
Westbound AADT	220 veh/day*
Eastbound AADT	610 eh/day*
Total	5,980 veh/day

* See Appendix L-2 for Turning Movement Count Data.

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents}) (1{,}000{,}000)}{(\text{\# Years of Data}) (\text{AADT Entering Intersection}) (365 \text{ Days/Year})}$$

Overall

Intersection Accident Rate:	0.31	Acc/MEV
Statewide Average Rate:	0.28	Acc/MEV

Most Common Accident Type: Rear End

Intersection Accident Rate:	0.15	Acc/MEV
Statewide Average Rate:	0.10	Acc/MEV

2nd Most Common Accident Type: Left Turn

Intersection Accident Rate:	0.15	Acc/MEV
Statewide Average Rate:	0.02	Acc/MEV

Accident Rate Calculation Sheet

Intersection:	Herb Hill Rd & Dickson St/Garvies Point Rd
Type:	3 Legged Inersections: Sign 1-3 Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents
Right Angle	1
Rear End	0
Head On	0
Left Turn	0
Fixed Object	0
Overtake	0
Pedestrian/Bike	0
Other/Unkown	0
Total	**1**

Traffic Entering Intersection	
Northbound AADT	410 veh/day*
Southbound AADT	450 veh/day*
Westbound AADT	420 veh/day*
Eastbound AADT	-
Total	1,280 veh/day

* See Appendix L-2 for Turning Movement Count Data.

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents}) (1{,}000{,}000)}{(\text{\# Years of Data}) (\text{AADT Entering Intersection}) (365 \text{ Days/Year})}$$

Overall

Intersection Accident Rate:	0.71	Acc/MEV
Statewide Average Rate:	0.09	Acc/MEV

Most Common Accident Type: Right Angle

Intersection Accident Rate:	0.71	Acc/MEV
Statewide Average Rate:	0.01	Acc/MEV

2nd Most Common Accident Type:

Intersection Accident Rate:		
Statewide Average Rate:		

Accident Rate Calculation Sheet

Intersection:	Forest Ave & Lattingtown Rd
Type:	4 Legged &> Intersections: Signal w/ Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents
Right Angle	0
Rear End	0
Head On	0
Left Turn	1
Fixed Object	0
Overtake	0
Pedestrian/Bike	1
Other/Unkown	1
Total	3

Traffic Entering Intersection	
Northbound AADT	380 veh/day*
Southbound AADT	1,960 veh/day*
Westbound AADT	4,590 veh/day*
Eastbound AADT	7,300 eh/day*
Total	14,230 veh/day

* See Appendix L-2 for Turning Movement Count Data.

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents}) (1{,}000{,}000)}{(\text{\# Years of Data}) (\text{AADT Entering Intersection}) (365 \text{ Days/Year})}$$

Overall

Intersection Accident Rate:	0.19	Acc/MEV
Statewide Average Rate:	0.28	Acc/MEV

Most Common Accident Type: Left Turn

Intersection Accident Rate:	0.06	Acc/MEV
Statewide Average Rate:	0.02	Acc/MEV

2nd Most Common Accident Type:

Intersection Accident Rate:	
Statewide Average Rate:	

VHB Engineering, Surveying and Landscape Architecture, P.C.

Accident Rate Calculation Sheet

Intersection:	Glen Cove Rd & Northern Blvd
Type:	4 Legged &> Intersections: Signal w/ Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents		Traffic Entering Intersection	
Right Angle	2		Northbound AADT	13,110 veh/day*
Rear End	15		Southbound AADT	12,130 veh/day*
Head On	0		Westbound AADT	12,460 veh/day*
Left Turn	2		Eastbound AADT	16,630 veh/day*
Fixed Object	0		**Total**	54,330 veh/day
Overtake	6			
Pedestrian/Bike	0		* See Appendix L-2 for Turning Movement	
Other/Unkown	0		Count Data.	
Total	**25**			

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents})\,(1{,}000{,}000)}{(\text{\# Years of Data})\,(\text{AADT Entering Intersection})\,(365\ \text{Days/Year})}$$

Overall

Intersection Accident Rate:	0.42	Acc/MEV
Statewide Average Rate:	0.28	Acc/MEV

Most Common Accident Type: Rear End

Intersection Accident Rate:	0.25	Acc/MEV
Statewide Average Rate:	0.10	Acc/MEV

2nd Most Common Accident Type: Overtake

Intersection Accident Rate:	0.10	Acc/MEV
Statewide Average Rate:	0.02	Acc/MEV

VHB Engineering, Surveying and Landscape Architecture, P.C.

Accident Rate Calculation Sheet

Intersection:	Bryant Ave & Witte La
Type:	4 Legged &> Intersections: Signal w/o Left Turn, 5 & > Lanes
Time Period:	January 1, 2005 through December 31, 2007 (3 years)

Accident Type	# Accidents
Right Angle	1
Rear End	6
Head On	0
Left Turn	3
Fixed Object	0
Overtake	1
Pedestrian/Bike	0
Other/Unkown	0
Total	**11**

Traffic Entering Intersection	
Northbound AADT	3,680 veh/day*
Southbound AADT	10,320 veh/day*
Westbound AADT	3,020 veh/day*
Eastbound AADT	30 veh/day*
Total	17,050 veh/day

* See Appendix L-2 for Turning Movement Count Data.

$$\text{Accident Rate (Acc/MEV)} = \frac{(\text{\# Accidents})\,(1,000,000)}{(\text{\# Years of Data})\,(\text{AADT Entering Intersection})\,(365\ \text{Days/Year})}$$

Overall

Intersection Accident Rate:	0.59	Acc/MEV
Statewide Average Rate:	0.20	Acc/MEV

Most Common Accident Type: Rear End

Intersection Accident Rate:	0.32	Acc/MEV
Statewide Average Rate:	0.05	Acc/MEV

2nd Most Common Accident Type: Left Turn

Intersection Accident Rate:	0.16	Acc/MEV
Statewide Average Rate:	0.02	Acc/MEV

Project 27069 - Glen Isle Development   VHB *Engineering, Surveying and Landscape Architecture, P.C.*