

## Mayor and City Council Members

### *King Benjamin/Holland Park Gate Issue Traffic Study*

As directed by the City Council, City Staff collected traffic counts for various streets within the King Benjamin/Holland Park streets prior to opening the gate and then again after the gate was opened for about two weeks.

In summary the study shows that at the four locations where the traffic counters were placed it does not make any difference whether the gate is opened or closed regarding the Level of Service (LOS). King Benjamin Drive is a LOS “B” whether the gate is opened or closed and all of the other locations are a LOS “A” whether the gate is opened or closed.

It should also be noted that the speeds do not change at all if the gate is opened or closed with the average speed and the 85<sup>th</sup> percentile speeds being shown at or below the posted speed limit of 25 mph.

This data shows very clearly that there is no cut through traffic and it is just the residents of the King Benjamin Subdivision or the Holland Park Subdivision dispersing a little differently with the gate opened versus the gate closed.

From a purely Traffic Engineering perspective there is no difference in the Level of Service of these residential streets whether the gate is opened or closed. The LOS “A” that the City and other cities are using states the following: “Describes a living condition where a residential street only carries traffic from adjacent residents. It is very easy to walk across the street, ride bicycles and enter or exit residential driveways. Typical motor vehicles speeds are 25 MPH or less. During the peak traffic hour, one car passes down the street every two minutes. The typical volume is under 300 vehicles per day with only 30 vehicles during the peak travel hour.”

In conclusion the recommendation from City Staff would be to remove the gate permanently based upon the Traffic Analysis completed by taking counts with the gate closed and opened.

The following are the locations that the counters were set out for both the closed gate and open gate scenarios:

- 9761 King Benjamin Drive
- 1383 Ammon Way
- 9746 Mosiah Way
- 9696 Enos Way

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The date of data collection for the gate closed was June 10<sup>th</sup> through June 23<sup>rd</sup>, 2016 and the date of data collection for the gate open was July 9<sup>th</sup> through July 17<sup>th</sup>, 2016.

The following is a count summary and all four locations:

1. 9761 King Benjamin Drive:

Average Daily Volume (ADT) Weekday –

Closed:	721 vehicles/day	<b><i>LOS "B"</i></b>
Open:	797 vehicles/day	<b><i>LOS "B"</i></b>

Increase of 76 vehicles per day or 3.2 vehicles per hour

Average PM Traffic (Single worst hour of the day) Weekday -

Closed:	76 vehicles/hour
Open:	77 vehicles/hour

Increase of 1 vehicle per hour or 0.017 vehicles/minute

2. 1383 Ammon Way

Average Daily Volume (ADT) Weekday –

Closed:	51 vehicles/day	<b><i>LOS "A"</i></b>
Open:	148 vehicles/day	<b><i>LOS "A"</i></b>

Increase of 97 vehicles per day or 4 vehicles per hour

Average PM Traffic (Single worst hour of the day) Weekday -

Closed:	8 vehicles/hour
Open:	19 vehicles/hour

Increase of 11 vehicle per hour or 0.17 vehicles/minute

3. 9746 Mosiah Way

Average Daily Volume (ADT) Weekday –

Closed:	65 vehicles/day	<b><i>LOS "A"</i></b>
Open:	57 vehicles/day	<b><i>LOS "A"</i></b>

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***Decrease*** of 8 vehicles per day or 0.33 vehicles per hour

Average PM Traffic (Single worst hour of the day) Weekday -

Closed: 12 vehicles/hour  
Open: 12 vehicles/hour

No Change

4. 9696 Enos Way

Average Daily Volume (ADT) Weekday -

Closed: 0 vehicles/day ***LOS "A"***  
Open: 99 vehicles/day ***LOS "A"***

Increase of 99 vehicles per day or 4 vehicles per hour

Average PM Traffic (Single worst hour of the day) Weekday -

Closed: 0 vehicles/hour  
Open: 14 vehicles/hour

Increase of 14 vehicle per hour or 0.23 vehicles/minute

  
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Brad Klavano, P.E., P.L.S.  
Director of Development Services/City Engineer

  
\_\_\_\_\_  
Date

### Summary of Traffic Counts on King Benjamin

Location	Average Daily Volume (total)	Average Daily Volume (vehicles/minute)	Max Desired ADT (total)	Level of Service for Residential Street	Average PM Peak (total)	Average PM Peak (vehicles/minute)	Average AM Peak (total)	Average AM Peak (vehicles/minute)	Average Speed	Average 85% Speed	Posted Speed
9761 King Benjamin Drive (Closed)	731	0.5	2,000	LOS "B-"	76	1.3	49	0.8	21.2	25.2	25.0
9761 King Benjamin Drive (Open)	770	0.5	2,000	LOS "B-"	77	1.3	57	1.0	21.1	25.5	25.0
1383 Ammon Way (Closed)	51	0.0	2,000	LOS "A"	8	0.1	7	0.1	20.7	25.1	25.0
1383 Ammon Way (Open)	148	0.1	2,000	LOS "A"	19	0.3	16	0.3	20.2	24.8	25.0
9746 Mosiah Way (Closed)	65	0.0	2,000	LOS "A"	12	0.2	6	0.1	18.3	20.9	25.0
9746 Mosiah Way (Open)	57	0.0	2,000	LOS "A"	12	0.2	6	0.1	17.5	21.8	25.0
9696 Enos Way (Closed)	0	0.0	2,000	LOS "A"	0	0.0	0	0.0	0.0	0.0	25.0
9696 Enos Way (Open)	99	0.1	2,000	LOS "A"	14	0.2	13	0.2	17.3	20.7	25.0

- **LOS A** describes living conditions where a residential street only carries traffic from the adjacent residences. It is very easy to walk across the street, ride bicycles and enter or exit residential driveways. Typical motor vehicle speeds are 25 MPH or less. During the peak traffic hour, one car passes down the street every two minutes. The typical traffic volume is under 300 vehicles per day with only 30 vehicles during the peak travel hour.
- **LOS B** describes living conditions where a residential street carries traffic from two residential blocks. It is easy to walk across the street, ride bicycles and enter or exit residential driveways. Often residents are concerned about vehicle speeds that have increased to 25-30 MPH. During the peak traffic hour, one car passes down the street every minute. The typical traffic volume is under 600 vehicles per day with 60 vehicles during the peak travel hour.
- **LOS C** describes living conditions where a residential street carries traffic from four residential blocks. It is relatively easy to walk across the street, ride bicycles and enter or exit residential driveways. Residents are concerned about vehicle speeds that have increased to over 30 MPH. Residents are also uncomfortable with vehicle volumes that have risen to 1,200 vehicles per day with 120 vehicles during the peak travel hour. During the peak traffic hour, one car passes down the street every 30 seconds.
- **LOS D** describes living conditions where a residential street carries traffic from six residential blocks. Increased caution is necessary when walking across the street, riding bicycles and entering or exiting residential driveways. Residents are very concerned about vehicle speeds that have increased to up to 35 MPH. Residents perceive that commuters are shortcutting on their street due to vehicle volumes up to 1,800 vehicles per day with 180 vehicles during the peak travel hour. During the peak traffic hour, one car passes down the street every 20 seconds.
- **LOS E** describes living conditions where a residential street carries traffic from eight residential blocks. Due to elevated vehicle speeds and volumes, a high level of caution is necessary when walking across the street, riding bicycles and entering or exiting residential driveways. Vehicle speeds have increased to 35 MPH or more. There is significant commuter shortcutting with up to 2,400 vehicles per day and 240 vehicles during the peak travel hour. It is increasingly difficult to exit driveways during the peak traffic hour with one car passing down the street every 15 seconds.
- **LOS F** describes living conditions where a residential street carries traffic from significantly more than eight residential blocks. Due to elevated vehicle speeds and volumes, a high level of caution is necessary when walking across the street, riding bicycles and entering or exiting residential driveways. Vehicle speeds have increased to 35 MPH or more. There is significant commuter shortcutting with over 2,400 vehicles per day and 240 vehicles during the peak travel hour. Exiting and entering driveways is difficult and requires approaching vehicles to stop for driveway traffic.

## EXHIBIT "A"

### Traffic and Speed Counts on 9761 King Benjamin Drive (Closed Gate)

Date	Day of the Week	Daily Volumes			Northbound PM Peak		Southbound PM Peak		Total PM Peak		Northbound AM Peak		Southbound AM Peak		Total AM Peak		Northbound		Southbound	
		Northbound	Southbound	Total	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Average Speed	85% Percentile Speed	Average Speed	85% Percentile Speed
June 10, 2016	Friday	356	359	715	5:45 PM	40	2:00 PM	30	70	9:15 AM	21	8:00 AM	26	47	20.4	24.6	20.5	24.7		
June 11, 2016	Saturday	316	321	637	4:15 PM	32	2:00 PM	34	66	11:00 AM	23	10:30 AM	26	49	20.6	24.4	20.6	24.5		
June 12, 2016	Sunday	319	308	627	12:00 PM	60	2:15 PM	24	84	10:15 AM	22	8:15 AM	62	84	20.2	24.4	21.3	25.1		
June 13, 2016	Monday	330	302	632	6:15 PM	40	4:45 PM	30	70	10:15 AM	28	9:00 AM	26	54	20.4	24.0	20.7	24.8		
June 14, 2016	Tuesday	398	392	790	5:15 PM	47	1:00 PM	33	80	10:30 AM	25	11:00 AM	30	55	20.7	25.0	21.1	25.1		
June 15, 2016	Wednesday	372	359	731	7:30 PM	43	6:15 PM	44	87	11:00 AM	16	9:15 AM	22	38	21.5	25.8	21.8	25.8		
June 16, 2016	Thursday	342	337	679	5:30 PM	42	6:00 PM	36	78	11:00 AM	15	9:00 AM	25	40	21.0	24.0	21.7	26.0		
June 17, 2016	Friday	431	418	849	7:30 PM	42	4:15 PM	36	78	9:00 AM	21	7:30 AM	36	57	21.5	25.0	21.4	25.2		
June 18, 2016	Saturday	402	366	768	12:15 PM	42	4:45 PM	31	73	11:00 AM	33	9:00 AM	34	67	21.5	25.4	21.7	25.7		
June 19, 2016	Sunday	315	291	606	12:00 PM	63	6:30 PM	30	93	10:15 AM	24	8:30 AM	62	86	20.7	24.7	21.3	25.0		
June 20, 2016	Monday	336	335	671	5:15 PM	38	5:45 PM	34	72	10:45 AM	17	7:30 AM	28	45	21.6	25.7	22.0	26.2		
June 21, 2016	Tuesday	372	378	750	5:00 PM	41	12:30 PM	31	72	11:00 AM	20	10:45 AM	27	47	21.6	25.6	22.1	25.9		
June 22, 2016	Wednesday	400	391	791	5:00 PM	40	6:15 PM	40	80	10:15 AM	24	9:00 AM	31	55	20.9	25.0	21.6	25.7		
June 23, 2016	Thursday	344	358	702	7:00 PM	34	5:30 PM	37	71	10:00 AM	17	7:15 AM	32	49	21.2	25.2	21.0	25.2		
<b>Average Week Day Total</b>				<b>731</b>					<b>76</b>						<b>49</b>	<b>21.1</b>	<b>25.0</b>	<b>21.4</b>	<b>25.5</b>	
<b>Average Weekend Total</b>				<b>660</b>					<b>79</b>						<b>72</b>					
																	<b>21.2</b>	<b>25.2</b>		

### Traffic and Speed Counts on 9761 King Benjamin Drive (Open Gate)

Date	Day of the Week	Daily Volumes			Northbound PM Peak		Southbound PM Peak		Total PM Peak		Northbound AM Peak		Southbound AM Peak		Total AM Peak		Northbound		Southbound	
		Northbound	Southbound	Total	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Average Speed	85% Percentile Speed	Average Speed	85% Percentile Speed
July 9, 2016	Saturday	399	421	820	12:30 PM	41	2:15 PM	37	78	10:30 AM	31	9:30 AM	37	68	20.0	23.8	20.6	25.0		
July 10, 2016	Sunday	326	337	663	12:00 PM	64	12:15 PM	29	93	10:00 AM	29	8:15 AM	66	95	19.9	24.2	20.1	24.7		
July 11, 2016	Monday	399	424	823	6:15 PM	46	5:45 PM	39	85	10:45 AM	22	7:15 AM	84	86	21.2	25.5	21.8	25.9		
July 12, 2016	Tuesday	390	441	831	5:15 PM	37	6:30 PM	40	77	10:30 AM	23	7:00 AM	42	65	20.8	24.9	21.4	26.0		
July 13, 2016	Wednesday	340	373	713	5:30 PM	33	5:45 PM	34	67	10:30 AM	19	10:30 AM	32	51	21.6	25.9	21.2	25.5		
July 14, 2016	Thursday	339	358	697	5:45 PM	44	6:15 PM	36	80	10:00 AM	15	7:30 AM	26	41	21.3	25.7	21.2	26.2		
July 15, 2016	Friday	390	397	787	4:15 PM	41	1:30 PM	37	78	9:30 AM	20	6:30 AM	23	43	20.5	24.6	20.3	24.6		
July 16, 2016	Saturday	394	430	824	5:15 PM	54	2:15 PM	37	91	10:15 AM	31	9:30 AM	40	71	20.6	24.9	20.3	25.1		
July 17, 2016	Sunday	354	413	767	12:00 PM	57	12:30 PM	43	100	9:45 AM	27	8:30 AM	62	89	19.5	23.8	19.9	24.9		
<b>Average Week Day Total</b>				<b>770</b>					<b>77</b>						<b>57</b>	<b>21.1</b>	<b>25.3</b>	<b>21.2</b>	<b>25.6</b>	
<b>Average Weekend Total</b>				<b>769</b>					<b>91</b>						<b>81</b>					
																	<b>21.1</b>	<b>25.5</b>		

**Traffic and Speed Counts on 1383 Ammon Way (Closed Gate)**

Date	Day of the Week	Daily Volumes			Eastbound PM Peak		Westbound PM Peak		Total PM Peak		Eastbound AM Peak		Westbound AM Peak		Total AM Peak		Eastbound		Westbound	
		Eastbound	Westbound	Total	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Average Speed	85% Percentile Speed	Average Speed	85% Percentile Speed
June 10, 2016	Friday	42	41	83	5:30 PM	8	5:15 PM	6	14	9:00 AM	3	8:30 AM	4	7	20.7	25.1	21.6	25.9		
June 11, 2016	Saturday	28	36	64	12:30 PM	3	1:30 PM	6	9	10:45 AM	4	9:15 AM	4	8	20.5	24.4	194.0	23.8		
June 12, 2016	Sunday	28	33	61	12:00 PM	6	12:00 PM	8	14	12:00 AM	2	8:15 AM	6	8	21.7	25.7	21.0	26.4		
June 13, 2016	Monday	22	30	52	12:00 PM	3	12:15 PM	3	6	9:15 AM	6	8:45 AM	7	13	20.1	24.4	20.4	24.8		
June 14, 2016	Tuesday	2	4	6			1:45 PM	1	1	7:30 AM	2	6:15 AM	2	4	17.7		19.6			
June 15, 2016	Wednesday																			
June 16, 2016	Thursday	11	13	24	2:15 PM	4	2:30 PM	1	5	9:45 AM	3	8:15 AM	7	10	21.0		21.0			
June 17, 2016	Friday	26	30	56	5:00 PM	7	12:00 PM	7	14	8:45 AM	1	9:45 AM	2	3	20.4	24.3	19.9	24.5		
June 18, 2016	Saturday	5	9	14			12:00 PM	1	1	12:00 AM	2	7:30 AM	3	5	19.8		21.8			
June 19, 2016	Sunday																			
June 20, 2016	Monday	3	5	8	12:00 PM	1	3:15 PM	1	2	10:30 AM	2	10:45 AM	3	5	16.8		24.5			
June 21, 2016	Tuesday	32	37	69	9:30 PM	6	4:00 PM	7	13	10:15 AM	4	7:45 AM	3	7	21.3	25.4	21.8	25.3		
June 22, 2016	Wednesday	22	25	47	12:00 PM	4	2:45 PM	6	10	7:00 AM	3	6:30 AM	4	7	23.0	27.6	20.8	26.4		
June 23, 2016	Thursday	22	37	59	7:00 PM	4	3:45 PM	7	11	10:00 AM	5	8:45 AM	5	10	20.6	22.5	21.7	24.8		
<b>Average Week Day Total</b>				<b>51</b>					<b>8</b>						<b>7</b>	<b>20.2</b>	<b>24.9</b>	<b>21.3</b>	<b>25.3</b>	
<b>Average Weekend Total</b>				<b>46</b>					<b>8</b>						<b>7</b>			<b>20.7</b>	<b>25.1</b>	

**Traffic and Speed Counts on 1383 Ammon Way (Open Gate)**

Date	Day of the Week	Daily Volumes			Eastbound PM Peak		Westbound PM Peak		Total PM Peak		Eastbound AM Peak		Westbound AM Peak		Total AM Peak		Eastbound		Westbound	
		Eastbound	Westbound	Total	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Average Speed	85% Percentile Speed	Average Speed	85% Percentile Speed
July 9, 2016	Saturday	99	84	183	9:00 PM	16	5:15 PM	10	26	10:15 AM	7	10:30 AM	7	14	20.9	25.1	20.0	24.6		
July 10, 2016	Sunday	51	62	113	12:00 PM	8	12:15 PM	8	16	10:00 AM	6	10:15 AM	7	13	20.9	24.0	19.4	23.4		
July 11, 2016	Monday	78	89	167	1:15 PM	8	3:15 PM	10	18	7:30 AM	10	8:00 AM	12	22	19.9	24.8	19.0	22.7		
July 12, 2016	Tuesday	72	74	146	3:45 PM	8	5:00 PM	8	16	6:45 AM	7	8:30 AM	8	15	21.1	27.0	20.2	24.4		
July 13, 2016	Wednesday	76	67	143	12:00 PM	9	2:45 PM	7	16	4:30 AM	7	8:15 AM	8	15	20.1	24.4	18.9	22.7		
July 14, 2016	Thursday	67	69	136	2:30 PM	10	5:30 PM	12	22	10:00 AM	4	8:15 AM	9	13	21.5	27.1	21.0	24.6		
July 15, 2016	Friday	75	74	149	12:45 PM	15	4:15 PM	10	25	9:45 AM	7	8:00 AM	8	15	20.9	25.6	19.3	24.5		
July 16, 2016	Saturday	58	60	118	2:15 PM	8	1:15 PM	9	17	9:30 AM	6	9:45 AM	6	12	19.9	23.8	19.1	23.7		
July 17, 2016	Sunday	73	73	146	8:00 PM	11	2:30 PM	15	26	9:30 AM	8	9:45 AM	8	16	21.0	25.0	18.8	23.7		
<b>Average Week Day Total</b>				<b>148</b>					<b>19</b>						<b>16</b>	<b>20.7</b>	<b>25.8</b>	<b>19.7</b>	<b>23.8</b>	
<b>Average Weekend Total</b>				<b>140</b>					<b>21</b>						<b>14</b>			<b>20.2</b>	<b>24.8</b>	

**Traffic and Speed Counts on 9696 Enos Way (Closed Gate)**

Date	Day of the Week	Daily Volumes			Northbound PM Peak		Southbound PM Peak		Total PM Peak		Northbound AM Peak		Southbound AM Peak		Total AM Peak		Northbound		Southbound	
		Northbound	Southbound	Total	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Average Speed	85% Percentile Speed	Average Speed	85% Percentile Speed
June 10, 2016	Friday	0	0	0	-	0	-	0	0	0	-	0	-	0	0	0.0	0.0	0.0	0.0	
June 11, 2016	Saturday	0	0	0	-	0	-	0	0	0	-	0	-	0	0	0.0	0.0	0.0	0.0	
June 12, 2016	Sunday	0	0	0	-	0	-	0	0	0	-	0	-	0	0	0.0	0.0	0.0	0.0	
June 13, 2016	Monday	0	0	0	-	0	-	0	0	0	-	0	-	0	0	0.0	0.0	0.0	0.0	
June 14, 2016	Tuesday	0	0	0	-	0	-	0	0	0	-	0	-	0	0	0.0	0.0	0.0	0.0	
June 15, 2016	Wednesday	0	0	0	-	0	-	0	0	0	-	0	-	0	0	0.0	0.0	0.0	0.0	
June 16, 2016	Thursday	0	0	0	-	0	-	0	0	0	-	0	-	0	0	0.0	0.0	0.0	0.0	
June 17, 2016	Friday	0	0	0	-	0	-	0	0	0	-	0	-	0	0	0.0	0.0	0.0	0.0	
June 18, 2016	Saturday	0	0	0	-	0	-	0	0	0	-	0	-	0	0	0.0	0.0	0.0	0.0	
June 19, 2016	Sunday	0	0	0	-	0	-	0	0	0	-	0	-	0	0	0.0	0.0	0.0	0.0	
June 20, 2016	Monday	0	0	0	-	0	-	0	0	0	-	0	-	0	0	0.0	0.0	0.0	0.0	
June 21, 2016	Tuesday	0	0	0	-	0	-	0	0	0	-	0	-	0	0	0.0	0.0	0.0	0.0	
June 22, 2016	Wednesday	0	0	0	-	0	-	0	0	0	-	0	-	0	0	0.0	0.0	0.0	0.0	
June 23, 2016	Thursday	0	0	0	-	0	-	0	0	0	-	0	-	0	0	0.0	0.0	0.0	0.0	
<b>Average Week Day Total</b>				<b>0</b>					<b>0</b>						<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
<b>Average Weekend Total</b>				<b>0</b>					<b>0</b>						<b>0</b>				<b>0.0</b>	<b>0.0</b>

**Traffic and Speed Counts on 9696 Enos Way (Open Gate)**

Date	Day of the Week	Daily Volumes			Northbound PM Peak		Southbound PM Peak		Total PM Peak		Northbound AM Peak		Southbound AM Peak		Total AM Peak		Northbound		Southbound	
		Northbound	Southbound	Total	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Average Speed	85% Percentile Speed	Average Speed	85% Percentile Speed
July 9, 2016	Saturday	42	31	73	5:45 PM	8	8:00 PM	6	14	6:30 AM	4	10:30 AM	3	7	17.5	19.8	15.1	18.1		
July 10, 2016	Sunday	31	28	59	12:00 PM	4	12:15 PM	5	9	10:30 AM	4	9:30 AM	2	6	21.3	21.0	16.9	19.0		
July 11, 2016	Monday	35	43	78	4:00 PM	5	5:00 PM	8	13	7:30 AM	5	8:00 AM	6	11	18.0	20.9	16.5	19.2		
July 12, 2016	Tuesday	43	59	102	4:45 PM	8	5:15 PM	8	16	7:45 AM	6	9:15 AM	8	14	19.0	22.1	17.1	20.1		
July 13, 2016	Wednesday	51	48	99	5:15 PM	6	8:15 PM	6	12	8:30 AM	7	8:45 AM	6	13	18.7	21.7	17.8	21.6		
July 14, 2016	Thursday	50	56	106	2:30 PM	7	5:30 PM	9	16	6:45 AM	6	9:45 AM	5	11	16.3	20.0	17.2	22.2		
July 15, 2016	Friday	48	60	108	4:15 PM	7	5:15 PM	8	15	9:45 AM	7	9:30 AM	8	15	16.4	19.5	16.4	19.9		
July 16, 2016	Saturday	38	41	79	12:00 PM	6	4:00 PM	9	15	5:00 AM	2	4:45 AM	2	4	17.7	21.5	16.4	21.0		
July 17, 2016	Sunday	32	33	65	2:30 PM	7	3:15 PM	8	15	9:15 AM	3	4:30 AM	2	5	15.9	19.7	15.4	19.3		
<b>Average Week Day Total</b>				<b>99</b>					<b>14</b>						<b>13</b>	<b>17.7</b>	<b>20.8</b>	<b>17.0</b>	<b>20.6</b>	
<b>Average Weekend Total</b>				<b>69</b>					<b>13</b>						<b>6</b>				<b>17.3</b>	<b>20.7</b>

**Traffic and Speed Counts on 9746 Mosiah Way (Closed Gate)**

Date	Day of the Week	Daily Volumes			Northbound PM Peak		Southbound PM Peak		Total PM Peak		Northbound AM Peak		Southbound AM Peak		Total AM Peak		Northbound		Southbound	
		Northbound	Southbound	Total	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Average Speed	85% Percentile Speed	Average Speed	85% Percentile Speed
June 10, 2016	Friday	36	22	58	7:30 PM	6	8:30 PM	4	10	9:00 AM	4	9:00 AM	2	6	18.4	21.7	17.8	22.0		
June 11, 2016	Saturday	30	18	48	1:45 PM	5	1:45 PM	4	9	10:00 AM	4	4:15 AM	1	5	17.5	21.5	16.7			
June 12, 2016	Sunday	23	19	42	12:00 PM	4	12:45 PM	2	6	10:00 AM	5	9:30 AM	4	9	18.2	21.0	18.1			
June 13, 2016	Monday	19	20	39	5:45 PM	5	11:00 PM	5	10	8:30 AM	3	9:15 AM	3	6	18.9	23.6	19.5	23.9		
June 14, 2016	Tuesday	51	27	78	12:15 PM	7	3:00 PM	4	11	8:15 AM	2	9:45 AM	3	5	19.1	22.0	17.0	19.7		
June 15, 2016	Wednesday	33	19	52	3:00 PM	8	5:45 PM	6	14	9:00 AM	4	9:00 AM	2	6	19.3	23.2	19.4			
June 16, 2016	Thursday	48	30	78	6:15 PM	11	12:15 PM	5	16	8:00 AM	4	4:30 AM	2	6	18.1	22.3	17.2	21.0		
June 17, 2016	Friday	38	33	71	12:45 PM	5	9:15 PM	7	12	8:15 AM	5	12:00 AM	4	9	18.4	21.2	18.0	22.8		
June 18, 2016	Saturday	29	27	56	12:00 PM	5	12:15 PM	4	9	10:30 AM	3	9:45 AM	4	7	19.1	22.9	18.8	23.0		
June 19, 2016	Sunday	29	17	46	12:00 PM	5	5:15 PM	4	9	9:30 AM	2	10:00 AM	4	6	17.9	22.1	16.9			
June 20, 2016	Monday	39	30	69	2:30 PM	6	2:15 PM	5	11	11:00 AM	4	7:30 AM	3	7	19.1	22.3	16.3	19.5		
June 21, 2016	Tuesday	45	23	68	2:45 PM	8	2:15 PM	9	17	7:00 AM	2	9:30 AM	3	5	18.9	23.4	18.4	21.3		
June 22, 2016	Wednesday	49	28	77	2:45 PM	7	12:00 PM	5	12	9:45 AM	4	5:30 AM	2	6	19.8	24.4	16.3	19.3		
June 23, 2016	Thursday	40	21	61	3:45 PM	7	1:30 PM	3	10	8:00 AM	2	9:45 AM	4	6	18.9	22.3	17.2	21.6		
<b>Average Week Day Total</b>				<b>65</b>						<b>12</b>					<b>6</b>	<b>18.9</b>	<b>22.6</b>	<b>17.7</b>	<b>19.1</b>	
<b>Average Weekend Total</b>				<b>48</b>						<b>8</b>					<b>7</b>				<b>18.3</b>	<b>20.9</b>

**Traffic and Speed Counts on 9746 Mosiah Way (Open Gate)**

Date	Day of the Week	Daily Volumes			Northbound PM Peak		Southbound PM Peak		Total PM Peak		Northbound AM Peak		Southbound AM Peak		Total AM Peak		Northbound		Southbound	
		Northbound	Southbound	Total	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Time	Volume	Average Speed	85% Percentile Speed	Average Speed	85% Percentile Speed
July 9, 2016	Saturday	61	57	118	5:00 PM	8	2:15 PM	7	15	10:00 AM	8	10:30 AM	7	15	19.0	24.1	17.0	20.6		
July 10, 2016	Sunday	41	27	68	12:45 PM	5	3:00 PM	5	10	9:30 AM	10	10:00 AM	6	16	17.4	19.7	17.2	19.8		
July 11, 2016	Monday	41	28	69	1:30 PM	6	12:00 PM	5	11	8:15 AM	4	10:15 AM	3	7	17.1	21.0	18.3	18.6		
July 12, 2016	Tuesday	35	32	67	6:15 PM	6	3:15 PM	6	12	8:15 AM	2	7:30 AM	4	6	18.0	21.3	17.0	21.5		
July 13, 2016	Wednesday	25	24	49	2:00 PM	5	1:45 PM	4	9	8:30 AM	3	9:45 AM	4	7	17.4	20.5	15.5	27.0		
July 14, 2016	Thursday	20	22	42	5:30 PM	6	12:45 PM	3	9	6:45 AM	2	10:30 AM	3	5	17.6	21.1	18.2	22.4		
July 15, 2016	Friday	28	28	56	4:15 PM	7	1:00 PM	10	17	8:00 AM	3	10:00 AM	3	6	18.0	22.6	17.7	22.3		
June 16, 2016	Saturday	29	26	55	1:45 PM	4	5:15 PM	5	9	9:15 AM	4	9:15 AM	3	7	18.0	21.9	16.3	19.4		
July 17, 2016	Sunday	36	29	65	3:15 PM	7	2:00 PM	7	14	10:00 AM	2	9:00 AM	3	5	17.5	21.0	18.9	19.6		
<b>Average Week Day Total</b>				<b>57</b>						<b>12</b>					<b>6</b>	<b>17.6</b>	<b>21.3</b>	<b>17.3</b>	<b>22.4</b>	
<b>Average Weekend Total</b>				<b>77</b>						<b>12</b>					<b>11</b>				<b>17.5</b>	<b>21.8</b>