

# **Douglas Street @ Rogers Avenue**

Thursday, November 26, 2020



The data presented here is for information purposes only and should not be considered authoritative for construction, geotechnical, engineering, navigational, legal, or other site-specific uses. The information shared is owned by the Transportation Division of the Engineering Department at the District of Saanich. Accuracy is not guaranteed.

**Major Route:** Douglas Street  
**Minor Route:** Rogers Avenue  
**Municipality:** Saanich  
**Filename:** Douglas St @ Rogers Ave-Nov 26, 2020.xlsx  
**Location #:** TIN000875  
**Count ID:** 2020035  
**Date:** November 26, 2020  
**Day-of-week:** Thursday

**East/West Route:** Rogers Avenue  
**Intersection Type:** 3-leg east approach  
**Signalized?:** No  
**Weather:** Overcast and dry

**Vehicle Classifications:** Vehicles and Peds  
 Bikes

**This data is for Vehicles and Peds**

Shift	Start	End	Duration
AM	7:30	9:30	2.00
MD			
PM	15:30	18:30	3.00
<b>Total</b>	<b>7:30</b>	<b>18:30</b>	<b>5.00</b>

**Notes:** 24-hour clock used for reporting (15-minute increments)  
 North Approach - southbound vehicles approaching intersection from the north  
 15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [\*]) x 4  
 Pedestrians - N indicates pedestrians crossing north approach (east/west)

**Comments:**

**Survey Data**  
Vehicles and Peds

**Douglas Street @ Rogers Avenue**  
Thursday, November 26, 2020

Time Period Begins	Douglas St NORTH Approach				Douglas St SOUTH Approach				WEST Approach				Rogers Ave EAST Approach				Total Volume		Ped DL	Crosswalks			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
	7:30	0	19		19	7	3		10					8	0		8	37			0	0	
7:45	0	23		23	14	5		19					7	0		7	49		0	0		0	
8:00	2	16		18	13	16		29					14	6		20	67	*	0	1		1	
8:15	6	30		36	13	38		51					18	3		21	108	261	0	0		5	
8:30	9	21		30	14	31		45					36	5		41	116	340	0	0		5	
8:45	1	15		16	7	4		11					24	12		36	63	354	0	0		4	
9:00	1	17		18	16	7		23					9	3		12	53	340	0	0		8	
9:15	1	23		24	6	3		9					6	1		7	40	272	0	0		1	
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
<b>Total</b>	20	164		184	90	107		197					122	30		152	533		0	1		24	

n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
<b>Total</b>																						

15:30	1	15		16	22	10	32						12	2	14	62	*	0	0		0
15:45	0	22		22	20	12	32						6	1	7	61	*	0	0		0
16:00	1	24		25	25	7	32						6	2	8	65	+	0	0		4
16:15	1	19		20	28	8	36						6	2	8	64	252	*	0	0	9
16:30	1	15		16	17	16	33						6	1	7	56	246		0	0	2
16:45	2	21		23	24	6	30						5	7	12	65	250		0	0	0
17:00	0	18		18	13	9	22						3	2	5	45	230		0	0	1
17:15	0	7		7	22	5	27						5	3	8	42	208		0	0	2
17:30	0	17		17	25	6	31						4	0	4	52	204		0	0	3
17:45	1	23		24	14	4	18						2	2	4	46	185		0	0	0
18:00	0	12		12	9	2	11						1	0	1	24	164		0	0	2
18:15	1	13		14	13	3	16						0	0	0	30	152		0	0	2
n/a																					
n/a																					
n/a																					
n/a																					
n/a																					
n/a																					
n/a																					
n/a																					
n/a																					
n/a																					
n/a																					
n/a																					
n/a																					
<b>Total</b>	8	206		214	232	88	320						56	22	78	612			0	0	25

Time Period Begins	Douglas St NORTH Approach				Douglas St SOUTH Approach				WEST Approach				Rogers Ave EAST Approach				Total Volume		Yield	Crosswalks				Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:30	0	19		19		7	3	10					8		0	8	37			0	0		0	27	
7:45	0	23		23		14	5	19					7		0	7	49			0	0		0	30	
8:00	2	16		18		13	16	29					14		6	20	67	*		0	1		1	45	
8:15	6	30		36		13	38	51					18		3	21	108	261	*	0	0		5	75	177
8:30	9	21		30		14	31	45					36		5	41	116	340	+	0	0		5	90	240
8:45	1	15		16		7	4	11					24		12	36	63	354	*	0	0		4	39	249
9:00	1	17		18		16	7	23					9		3	12	53	340		0	0		8	33	237
9:15	1	23		24		6	3	9					6		1	7	40	272		0	0		1	29	191
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									

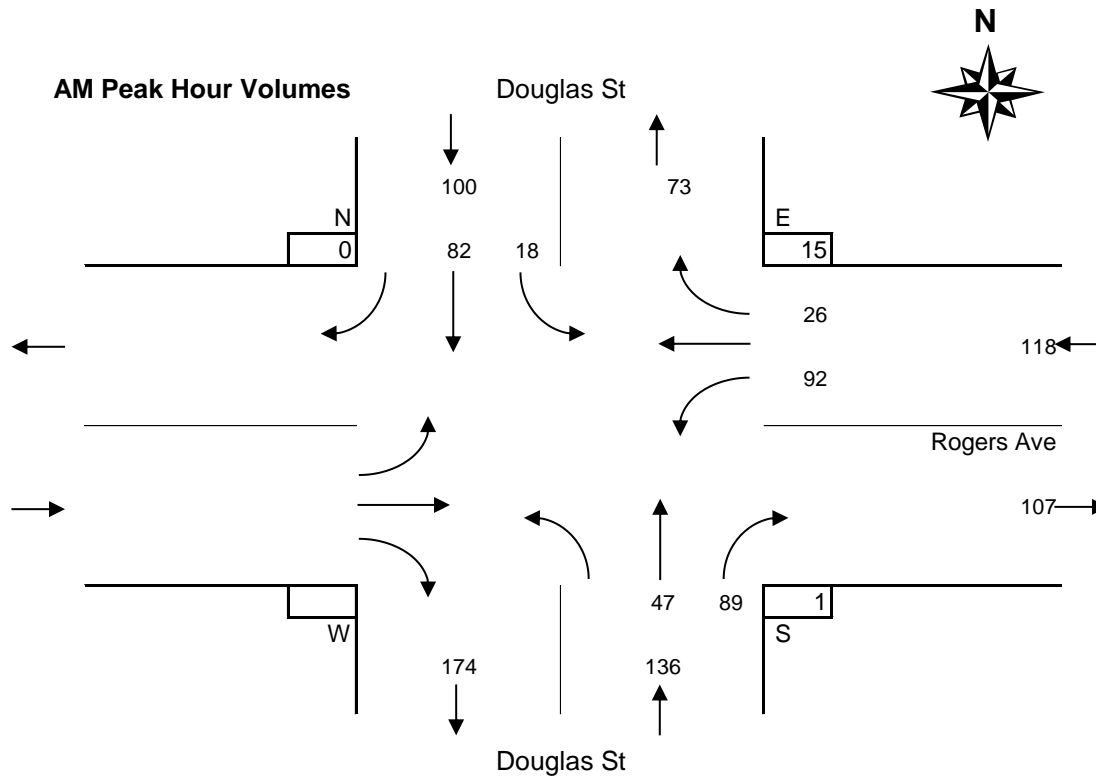
<b>Total</b>	20	164		<b>184</b>	90	107	<b>197</b>						122		30	<b>152</b>	533				0	1		24	<b>339</b>
<b>Avg Hr</b>	10	82		<b>92</b>	45	54	<b>99</b>						61		15	<b>76</b>	267				0	1		12	

**Peak hour of the intersection**

<b>Pk Hr</b>	18	82		100	47	89	136						92		26	118	354	*			0	1		15	<b>246</b>
<b>15x4</b>	36	120		144	56	152	204						144		48	164	464	+			0	4		20	<b>388</b>
<b>PHF</b>	0.50	0.68		<b>0.69</b>	0.84	0.59	<b>0.67</b>						0.64		0.54	<b>0.72</b>	0.76			n/a	0.25		0.75	<b>0.63</b>	

**Peak hour of conflicting volumes for the intersection**

<b>Pk Hr</b>	18	82		100	47	89	136						92		26	118	354	*			0	1		15	<b>246</b>
<b>15x4</b>	36	120		144	56	152	204						144		48	164	464	+			0	4		20	<b>388</b>
<b>PHF</b>	0.50	0.68		<b>0.69</b>	0.84	0.59	<b>0.67</b>						0.64		0.54	<b>0.72</b>	0.76			n/a	0.25		0.75	<b>0.63</b>	



Time Period Begins	Douglas St NORTH Approach				Douglas St SOUTH Approach				WEST Approach				Rogers Ave EAST Approach				Total Volume		Day of Week	Crosswalks				Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									

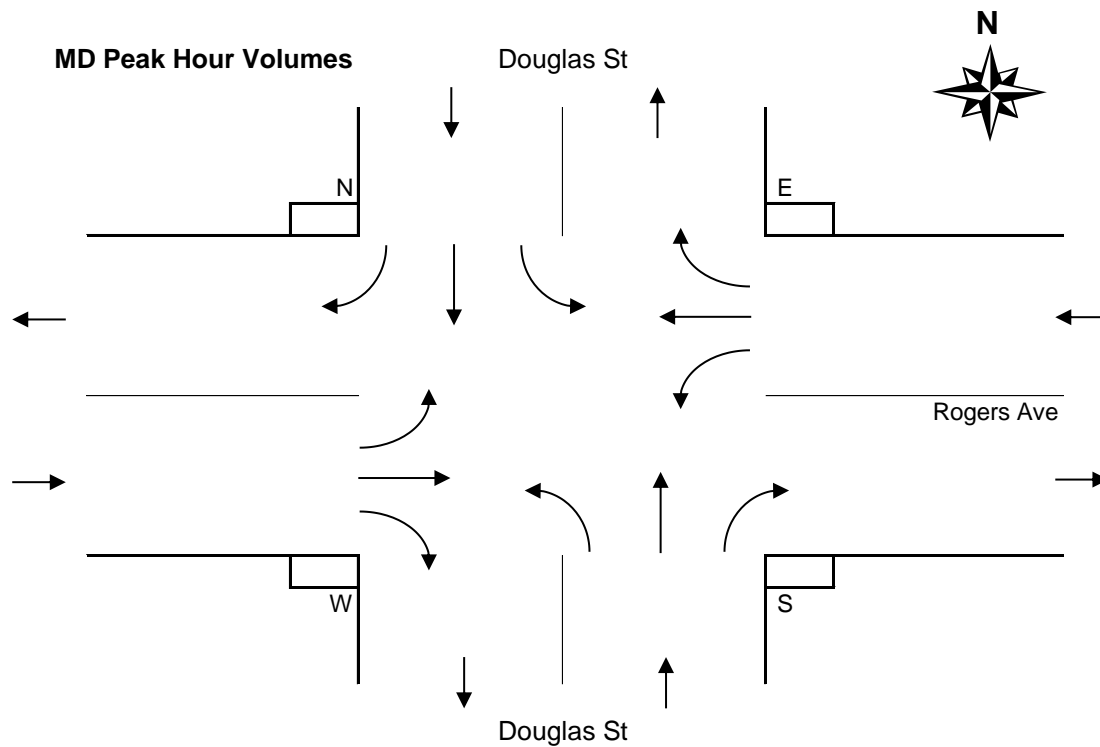
Total																									
Avg Hr																									

**Peak hour of the intersection**

Pk Hr																									
15x4																									
PHF																									

**Peak hour of conflicting volumes for the intersection**

Pk Hr																									
15x4																									
PHF																									



Time Period Begins	Douglas St NORTH Approach				Douglas St SOUTH Approach				WEST Approach				Rogers Ave EAST Approach				Total Volume		Ped Count	Crosswalks				Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
15:30	1	15		16		22	10	32					12		2	14	62	*	0	0		0	45		
15:45	0	22		22		20	12	32					6		1	7	61	*	0	0		0	38		
16:00	1	24		25		25	7	32					6		2	8	65	+	0	0		4	39		
16:15	1	19		20		28	8	36					6		2	8	64	*	0	0		9	43	165	
16:30	1	15		16		17	16	33					6		1	7	56		0	0		2	40	160	
16:45	2	21		23		24	6	30					5		7	12	65		0	0		0	39	161	
17:00	0	18		18		13	9	22					3		2	5	45		0	0		1	25	147	
17:15	0	7		7		22	5	27					5		3	8	42		0	0		2	32	136	
17:30	0	17		17		25	6	31					4		0	4	52		0	0		3	35	131	
17:45	1	23		24		14	4	18					2		2	4	46		0	0		0	25	117	
18:00	0	12		12		9	2	11					1		0	1	24		0	0		2	13	105	
18:15	1	13		14		13	3	16					0		0	0	30		0	0		2	17	90	
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									

Total	8	206		214		232	88	320					56		22	78	612					25		384
Avg Hr	3	69		71		77	29	107					19		7	26	204					8		

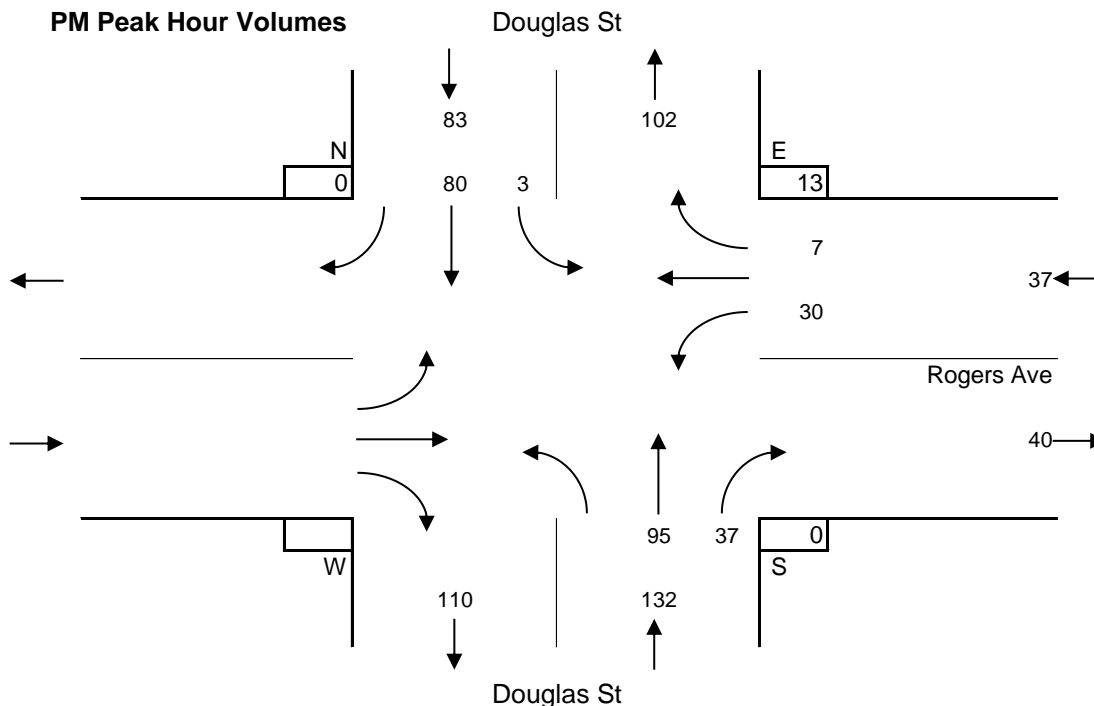
Peak hour of the intersection

Pk Hr	3	80		83		95	37	132					30		7	37	252	*				13		165
15x4	4	96		100		112	48	144					48		8	56	260	+				36		212
PHF	0.75	0.83		0.83		0.85	0.77	0.92					0.63		0.88	0.66	0.97		n/a	n/a		0.36		0.78

Peak hour of conflicting volumes for the intersection

Pk Hr	3	80		83		95	37	132					30		7	37	252	*				13		165
15x4	4	96		100		112	48	144					48		8	56	260	+				36		212
PHF	0.75	0.83		0.83		0.85	0.77	0.92					0.63		0.88	0.66	0.97		n/a	n/a		0.36		0.78

\*\* Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\* N



Entire Survey Period

5 Hours

	Douglas St				Douglas St				WEST Approach				Rogers Ave				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N S W E			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Total	28	370		398		322	195	517					178		52	230	1145	0	1		49
Avg Hr	6	74		80		64	39	103					36		10	46	229	0	0		10

AM Peak Period

2 Hours

	Douglas St				Douglas St				WEST Approach				Rogers Ave				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N S W E			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Totals	20	164		184		90	107	197					122		30	152	533	0	1		24
Avg Hr	10	82		92		45	54	99					61		15	76	267	0	1		12

MD Peak Period

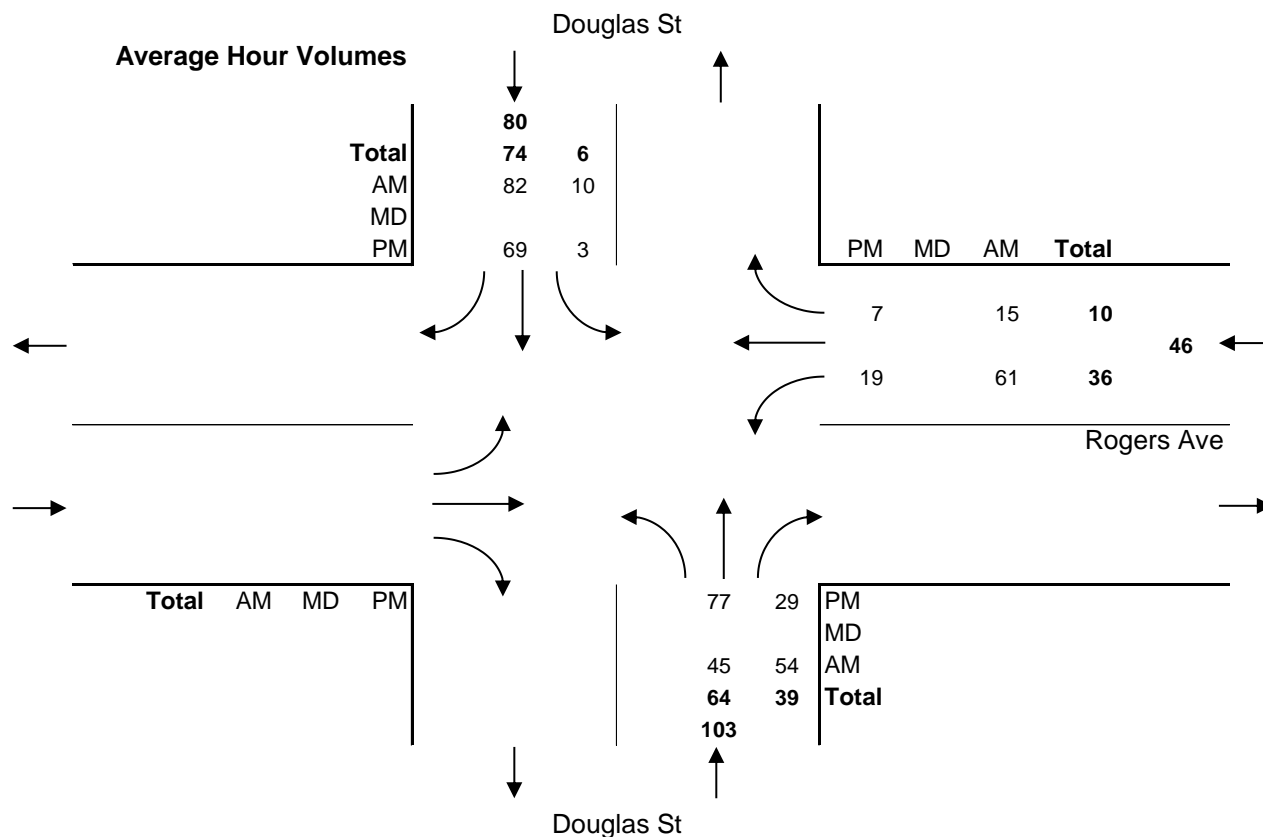
Hours

	Douglas St				Douglas St				WEST Approach				Rogers Ave				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N S W E			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Totals																					
Total																					
Avg Hr																					

PM Peak Period

3 Hours

	Douglas St				Douglas St				WEST Approach				Rogers Ave				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N S W E			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Totals	8	206		214		232	88	320					56		22	78	612	0	0		25
Avg Hr	3	69		71		77	29	107					19		7	26	204	0	0		8



**Major Route:** Douglas Street  
**Minor Route:** Rogers Avenue  
**Municipality:** Saanich  
**Filename:** Douglas St @ Rogers Ave-Nov 26, 2020.xlsx  
**Location #:** TIN000875  
**Count ID:** 2020035  
**Date:** November 26, 2020  
**Day-of-week:** Thursday

**East/West Route:** Rogers Avenue  
**Intersection Type:** 3-leg east approach  
**Signalized?:** No  
**Weather:** Overcast and dry

**Vehicle Classifications:** Vehicles and Peds  
 Bikes

**This data is for Bikes**

Shift	Start	End	Duration
AM	7:30	9:30	2.00
MD			
PM	15:30	18:30	3.00
<b>Total</b>	<b>7:30</b>	<b>18:30</b>	<b>5.00</b>

**Notes:** 24-hour clock used for reporting (15-minute increments)  
 North Approach - southbound vehicles approaching intersection from the north  
 15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [\*]) x 4  
 Pedestrians - N indicates pedestrians crossing north approach (east/west)

**Comments:**



Survey Data  
Bikes

Douglas Street @ Rogers Avenue  
Thursday, November 26, 2020

Table with columns: Time Period, Douglas St (North/South Approach), WEST Approach, Rogers Ave (East Approach), Total Volume (15-min, Hour), and directional counts (N, S, W, E). Rows include time slots from 7:30 to 9:15 and a Total row.

Table with columns: Time Period, Douglas St (North/South Approach), WEST Approach, Rogers Ave (East Approach), Total Volume (15-min, Hour), and directional counts (N, S, W, E). Rows include time slots from n/a to n/a and a Total row.

Table with columns: Time Period, Douglas St (North/South Approach), WEST Approach, Rogers Ave (East Approach), Total Volume (15-min, Hour), and directional counts (N, S, W, E). Rows include time slots from 15:30 to 18:15 and a Total row.

Time Period Begins	Douglas St NORTH Approach				Douglas St SOUTH Approach				WEST Approach				Rogers Ave EAST Approach				Total Volume		Speed	Conflict					
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
	7:30	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3			0	0	0	0	2
7:45	0	0	0	0	0	1	2	3	0	0	0	0	1	0	0	1	4	*	0	0	0	0	4		
8:00	0	6	0	6	0	0	1	1	0	0	0	0	0	0	0	0	7	+	0	0	0	0	6		
8:15	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	16*	0	0	0	0	2	14	
8:30	1	1	0	2	0	1	1	2	0	0	0	0	0	0	0	0	4	17*	0	0	0	0	3	15	
8:45	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	15	0	0	0	0	2	13	
9:00	0	3	0	3	0	1	0	1	0	0	0	0	0	0	0	0	4	12	0	0	0	0	3	10	
9:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	2	12	0	0	0	0	2	10	
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									

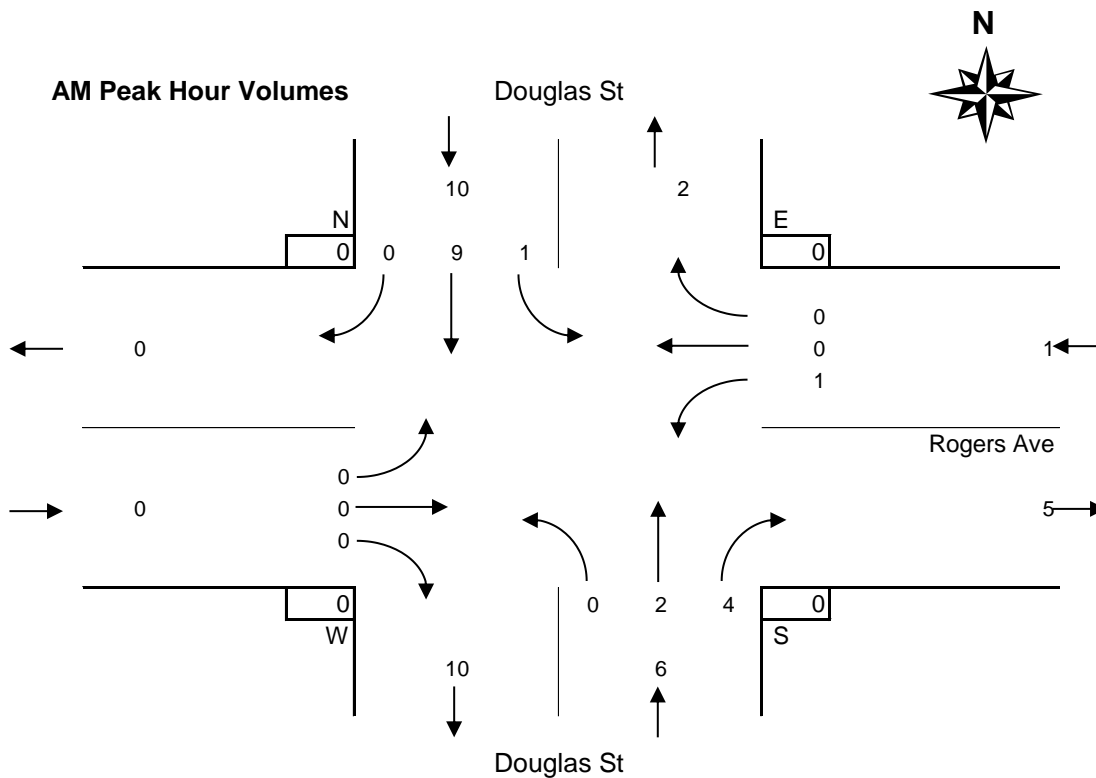
Total	2	15	0	17	0	3	4	7	0	0	0	0	3	0	1	4	28		0	0	0	0		18
Avg Hr	1	8	0	9	0	2	2	4	0	0	0	0	2	0	1	2	14		0	0	0	0		

Peak hour of the intersection

Pk Hr	1	9	0	10	0	2	4	6	0	0	0	0	1	0	0	1	17*		0	0	0	0		10
15x4	4	24	0	24	0	4	8	12	0	0	0	0	4	0	0	4	28*		0	0	0	0		28
PHF	0.25	0.38	n/a	0.42	n/a	0.50	0.50	0.50	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.61		n/a	n/a	n/a	n/a		0.36

Peak hour of conflicting volumes for the intersection

Pk Hr	1	9	0	10	0	2	4	6	0	0	0	0	1	0	0	1	17*		0	0	0	0		10
15x4	4	24	0	24	0	4	8	12	0	0	0	0	4	0	0	4	28*		0	0	0	0		28
PHF	0.25	0.38	n/a	0.42	n/a	0.50	0.50	0.50	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.61		n/a	n/a	n/a	n/a		0.36



Time Period Begins	Douglas St NORTH Approach				Douglas St SOUTH Approach				WEST Approach				Rogers Ave EAST Approach				Total Volume		Speed	Conflict			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							

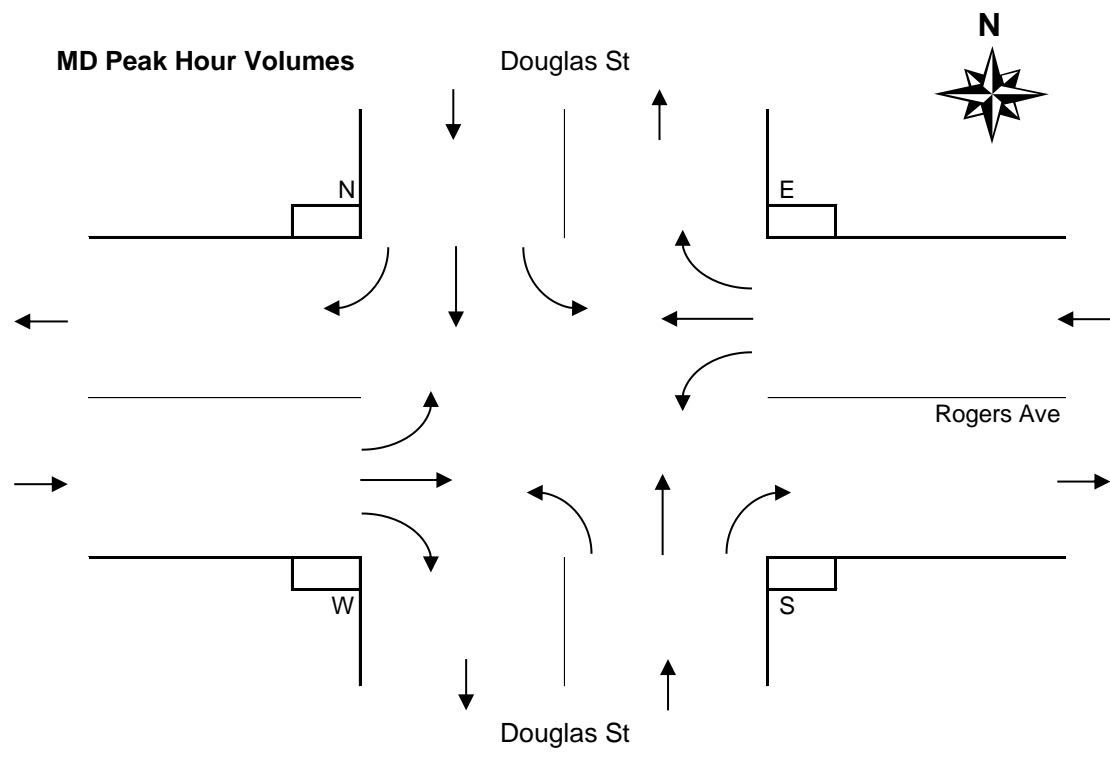
Total																							
Avg Hr																							

**Peak hour of the intersection**

Pk Hr																							
15x4																							
PHF																							

**Peak hour of conflicting volumes for the intersection**

Pk Hr																							
15x4																							
PHF																							



**PM Peak Period**  
Bikes

**Douglas Street @ Rogers Avenue**  
Thursday, November 26, 2020

Time Period Begins	Douglas St NORTH Approach				Douglas St SOUTH Approach				WEST Approach				Rogers Ave EAST Approach				Total Volume		Speed	Conflict				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min
15:30	0	2	0	2	0	1	0	1	0	0	0	0	1	0	0	1	4		0	0	0	0	3	
15:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	1	
16:00	0	1	0	1	0	0	0	0	0	0	0	0	2	0	0	2	3		0	0	0	0	3	
16:15	0	0	0	0	0	3	1	4	0	0	0	0	0	0	0	0	4	12*	0	0	0	0	4	11
16:30	0	2	0	2	0	4	0	4	0	0	0	0	0	0	0	0	6	14+	0	0	0	0	4	12
16:45	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	2	15*	0	0	0	0	2	13
17:00	0	0	0	0	0	3	1	4	0	0	0	0	0	0	0	0	4	16*	0	0	0	0	4	14
17:15	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	14	0	0	0	0	2	12
17:30	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	2	10	0	0	0	0	2	10
17:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	9	0	0	0	0	1	9
18:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	6	0	0	0	0	1	6
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	4
n/a																								
n/a																								
n/a																								
n/a																								
n/a																								
n/a																								
n/a																								
n/a																								
n/a																								
n/a																								

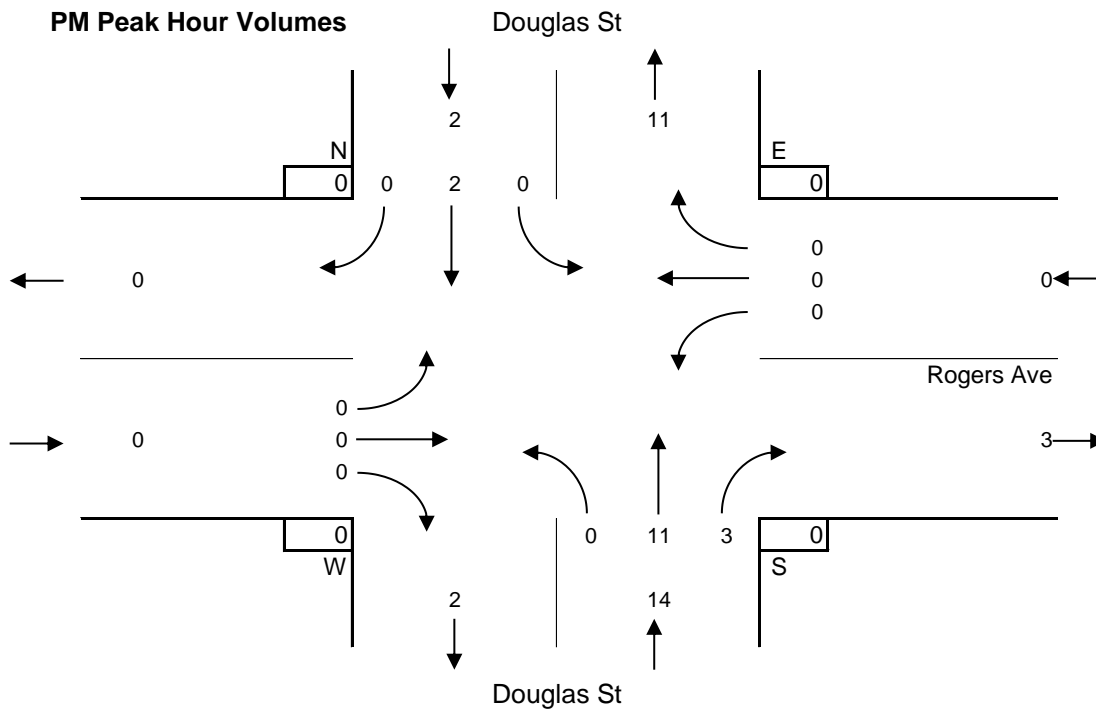
Total	0	6	0	6	0	16	4	20	0	0	0	0	4	0	0	4	30		0	0	0	0		24
Avg Hr	0	2	0	2	0	5	1	7	0	0	0	0	1	0	0	1	10		0	0	0	0		

**Peak hour of the intersection**

Pk Hr	0	2	0	2	0	11	3	14	0	0	0	0	0	0	0	0	16*		0	0	0	0		14
15x4	0	8	0	8	0	16	4	16	0	0	0	0	0	0	0	0	24+		0	0	0	0		20
PHF	n/a	0.25	n/a	0.25	n/a	0.69	0.75	0.88	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.67		n/a	n/a	n/a	n/a		0.70

**Peak hour of conflicting volumes for the intersection**

Pk Hr	0	2	0	2	0	11	3	14	0	0	0	0	0	0	0	0	16*		0	0	0	0		14
15x4	0	8	0	8	0	16	4	16	0	0	0	0	0	0	0	0	24+		0	0	0	0		20
PHF	n/a	0.25	n/a	0.25	n/a	0.69	0.75	0.88	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.67		n/a	n/a	n/a	n/a		0.70



Entire Survey Period

5 Hours

	Douglas St				Douglas St				WEST Approach				Rogers Ave				Total Volume				
	NORTH Approach				SOUTH Approach								EAST Approach					N S W E			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	2	21	0	23	0	19	8	27	0	0	0	0	7	0	1	8	58	0	0	0	0
Avg Hr	0	4	0	5	0	4	2	5	0	0	0	0	1	0	0	2	12	0	0	0	0

AM Peak Period

2 Hours

	Douglas St				Douglas St				WEST Approach				Rogers Ave				Total Volume				
	NORTH Approach				SOUTH Approach								EAST Approach					N S W E			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Totals	2	15	0	17	0	3	4	7	0	0	0	0	3	0	1	4	28	0	0	0	0
Avg Hr	1	8	0	9	0	2	2	4	0	0	0	0	2	0	1	2	14	0	0	0	0

MD Peak Period

Hours

	Douglas St				Douglas St				WEST Approach				Rogers Ave				Total Volume				
	NORTH Approach				SOUTH Approach								EAST Approach					N S W E			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total																					
Avg Hr																					

PM Peak Period

3 Hours

	Douglas St				Douglas St				WEST Approach				Rogers Ave				Total Volume				
	NORTH Approach				SOUTH Approach								EAST Approach					N S W E			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Totals	0	6	0	6	0	16	4	20	0	0	0	0	4	0	0	4	30	0	0	0	0
Avg Hr	0	2	0	2	0	5	1	7	0	0	0	0	1	0	0	1	10	0	0	0	0

