

Durham St W and Adelaide St S

Morning Peak Diagram

Specified Period

From: 8:00:00

To: 10:00:00

One Hour Peak

From: 8:30:00

To: 9:30:00

Municipality: CKL

Site #: 0000000001

Intersection: Durham St W & Adelaide St S

TFR File #: 1

Count date: 15-Jun-2017

Weather conditions:

Clear

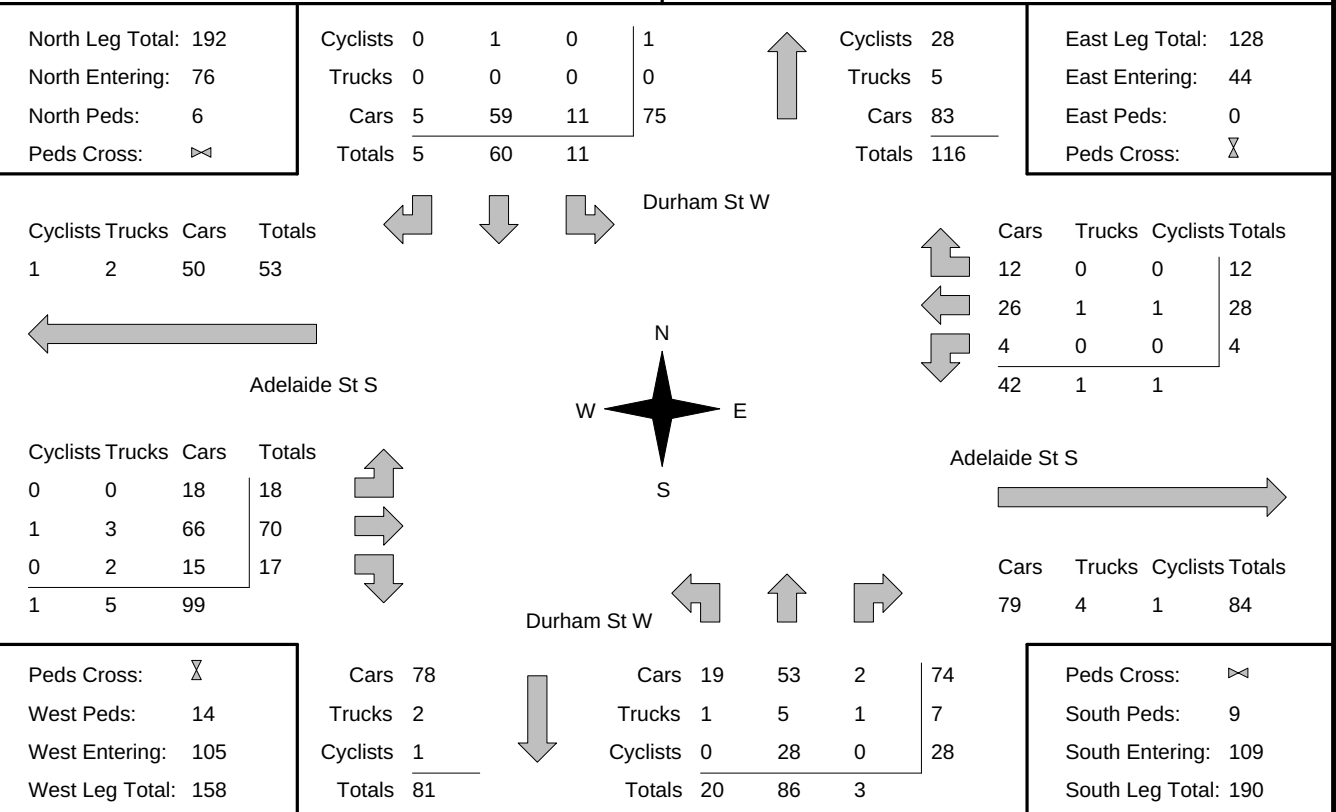
Person(s) who counted:

Andrew Rowe

Joseph Kelly

** Non-Signalized Intersection **

Major Road: Durham St W runs N/S



Comments

Counter not orientated correctly. Corrected by labeling
Durham St as north/south

Durham St W and Adelaide St S

Mid-day Peak Diagram

Specified Period

From: 11:00:00

To: 13:00:00

One Hour Peak

From: 11:15:00

To: 12:15:00

Municipality: CKL

Site #: 0000000001

Intersection: Durham St W & Adelaide St S

TFR File #: 1

Count date: 15-Jun-2017

Weather conditions:

Clear

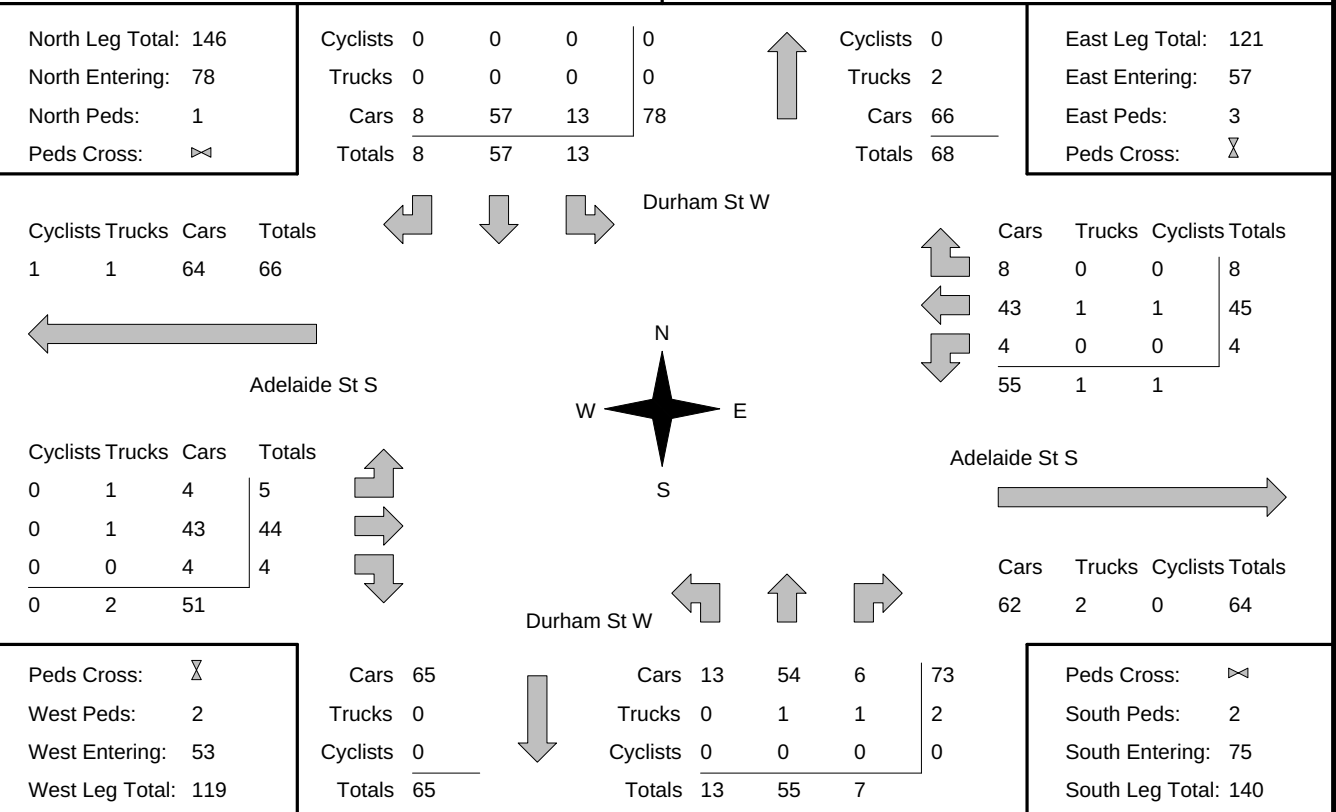
Person(s) who counted:

Andrew Rowe

Joseph Kelly

** Non-Signalized Intersection **

Major Road: Durham St W runs N/S



Comments

Counter not orientated correctly. Corrected by labeling
Durham St as north/south

Durham St W and Adelaide St S

Afternoon Peak Diagram

Specified Period

From: 14:00:00

To: 18:00:00

One Hour Peak

From: 14:30:00

To: 15:30:00

Municipality: CKL

Site #: 0000000001

Intersection: Durham St W & Adelaide St S

TFR File #: 1

Count date: 15-Jun-2017

Weather conditions:

Clear

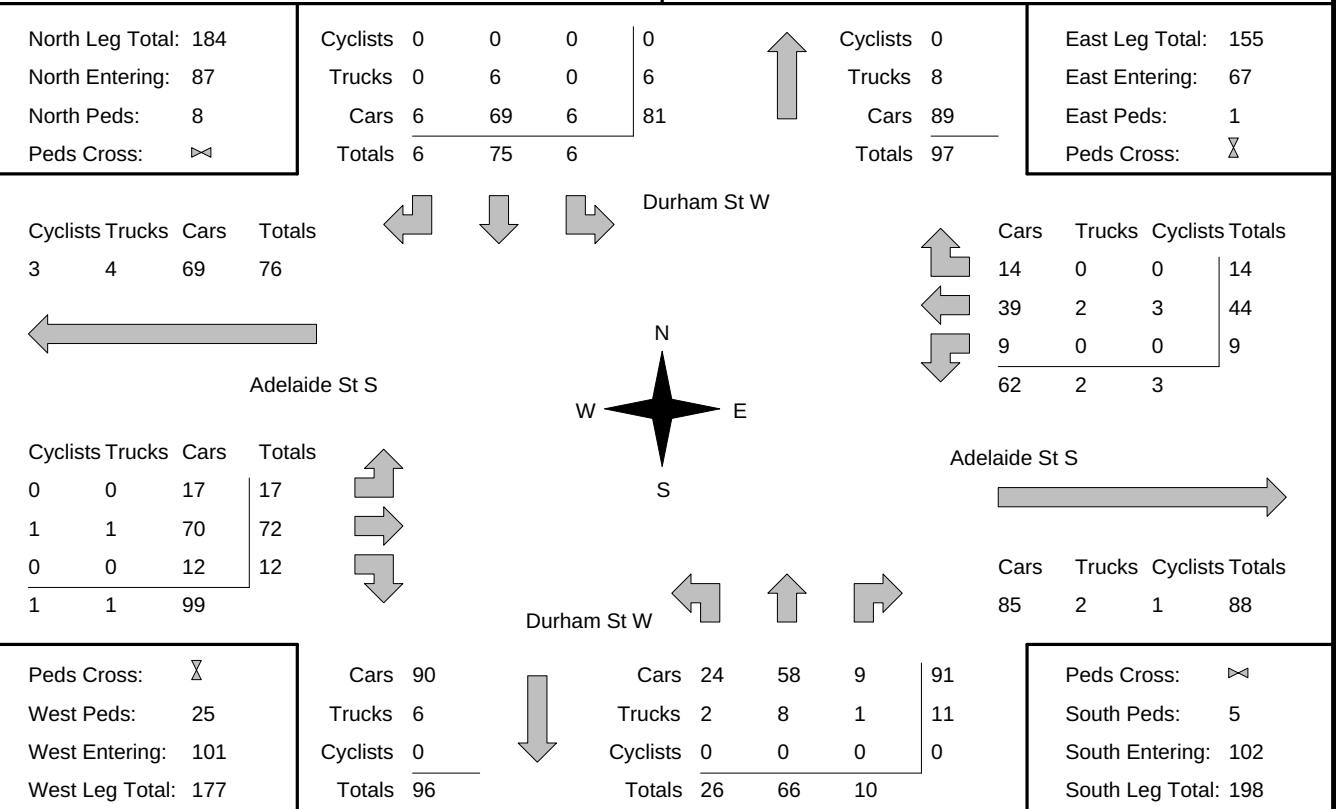
Person(s) who counted:

Andrew Rowe

Joseph Kelly

** Non-Signalized Intersection **

Major Road: Durham St W runs N/S



Comments

Counter not orientated correctly. Corrected by labeling
Durham St as north/south

Durham St W and Adelaide St S

Eight Hour Peak Diagram

Eight Hour Peak

From: 8:00:00

To: 16:00:00

Municipality: CKL

Site #: 0000000001

Intersection: Durham St W & Adelaide St S

TFR File #: 1

Count date: 15-Jun-2017

Weather conditions:

Clear

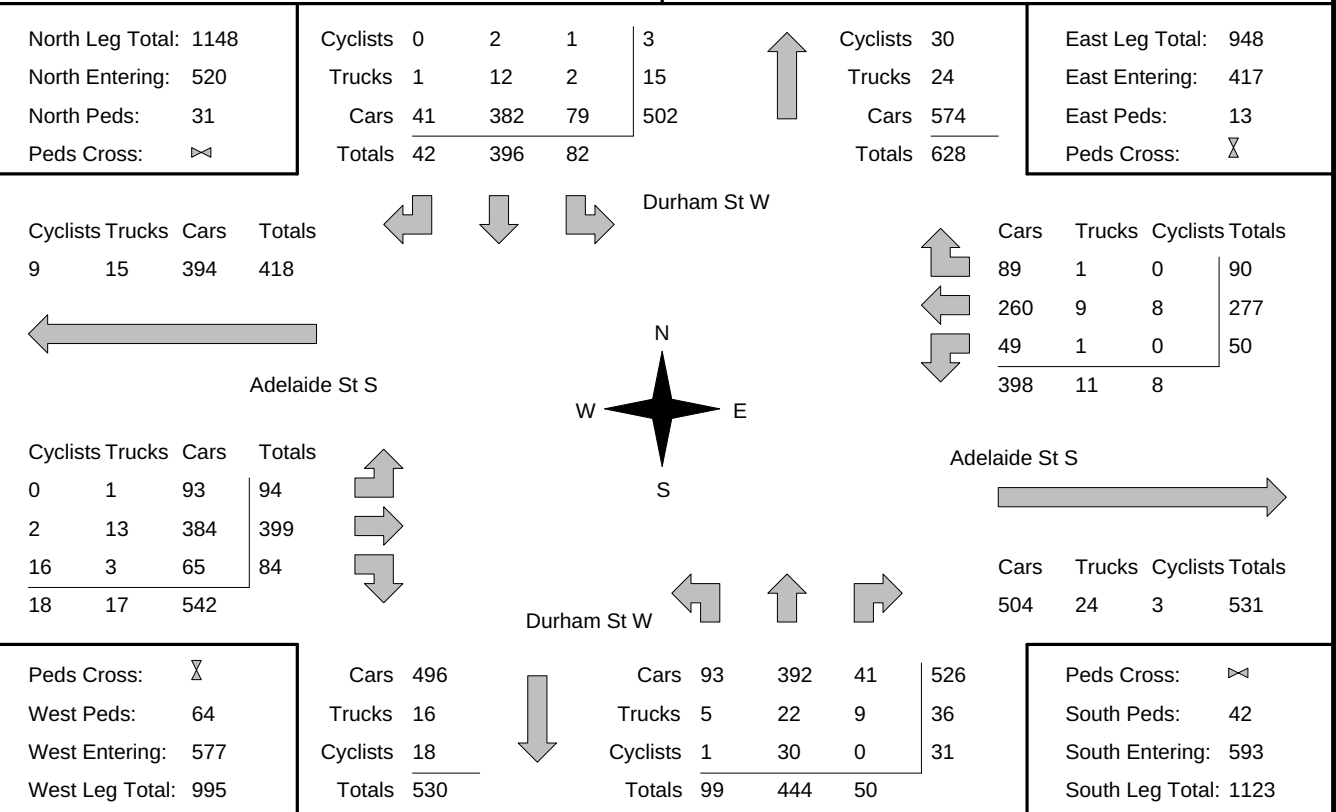
Person(s) who counted:

Andrew Rowe

Joseph Kelly

**** Non-Signalized Intersection ****

Major Road: Durham St W runs N/S



Comments

Counter not orientated correctly. Corrected by labeling

Durham St as north/south

Durham St W and Adelaide St S

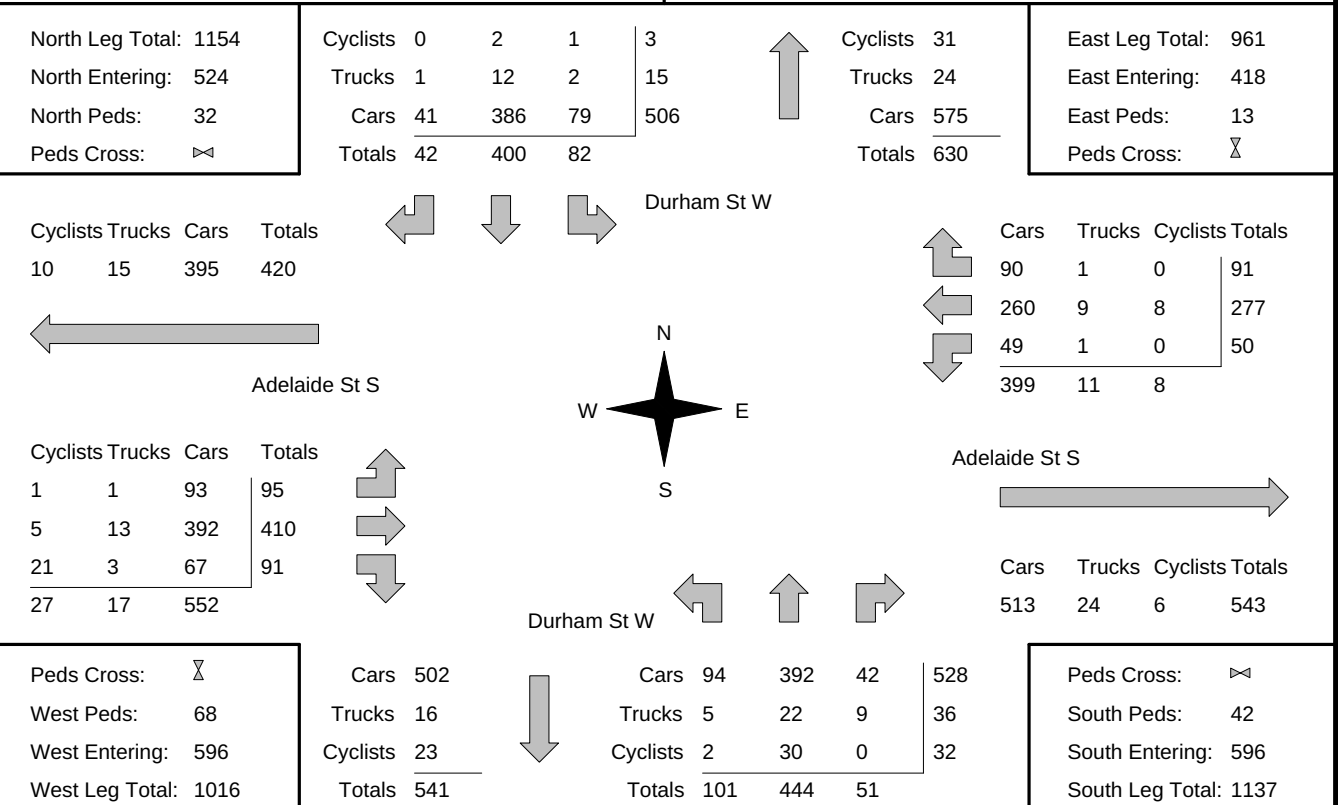
Total Count Diagram

Municipality: CKL
Site #: 0000000001
Intersection: Durham St W & Adelaide St S
TFR File #: 1
Count date: 15-Jun-2017

Weather conditions:
 Clear
Person(s) who counted:
 Andrew Rowe
 Joseph Kelly

**** Non-Signalized Intersection ****

Major Road: Durham St W runs N/S



Comments

Counter not orientated correctly. Corrected by labeling
 Durham St as north/south

Durham St W and Adelaide St S

Traffic Count Summary

Intersection: Durham St W & Adelaide St S

Count Date: 15-Jun-2017

Municipality: CKL

North Approach Totals						North/South Total Approaches	South Approach Totals					
Hour Ending	Includes Cars, Trucks, & Cyclists				Total Peds		Hour Ending	Includes Cars, Trucks, & Cyclists				Total Peds
	Left	Thru	Right	Grand Total				Left	Thru	Right	Grand Total	
9:00:00	8	58	7	73	7	143	9:00:00	14	52	4	70	3
10:00:00	9	30	3	42	2	126	10:00:00	15	66	3	84	6
11:00:00	20	48	3	71	5	138	11:00:00	13	51	3	67	4
12:00:00	13	53	8	74	2	142	12:00:00	10	51	7	68	5
13:00:00	8	51	5	64	2	133	13:00:00	7	59	3	69	3
14:00:00	7	45	3	55	0	112	14:00:00	6	41	10	57	11
15:00:00	9	50	8	67	5	144	15:00:00	13	56	8	77	4
16:00:00	8	61	5	74	8	175	16:00:00	21	68	12	101	6
17:00:00	0	4	0	4	1	7	17:00:00	2	0	1	3	0
18:00:00	0	0	0	0	0	0	18:00:00	0	0	0	0	0
19:00:00	0	0	0	0	0	0	19:00:00	0	0	0	0	0
20:00:00	0	0	0	0	0	0	20:00:00	0	0	0	0	0
21:00:00	0	0	0	0	0	0	21:00:00	0	0	0	0	0
22:00:00	0	0	0	0	0	0	22:00:00	0	0	0	0	0
23:00:00	0	0	0	0	0	0	23:00:00	0	0	0	0	0
0:00:00	0	0	0	0	0	0	0:00:00	0	0	0	0	0
Totals:	82	400	42	524	32	1120		101	444	51	596	42
East Approach Totals						East/West Total Approaches	West Approach Totals					
Hour Ending	Includes Cars, Trucks, & Cyclists				Total Peds		Hour Ending	Includes Cars, Trucks, & Cyclists				Total Peds
	Left	Thru	Right	Grand Total				Left	Thru	Right	Grand Total	
9:00:00	6	35	12	53	0	152	9:00:00	17	65	17	99	16
10:00:00	4	29	15	48	0	110	10:00:00	12	44	6	62	4
11:00:00	8	32	9	49	2	103	11:00:00	11	38	5	54	4
12:00:00	5	30	8	43	2	95	12:00:00	3	42	7	52	3
13:00:00	3	48	12	63	5	129	13:00:00	13	47	6	66	7
14:00:00	3	27	11	41	2	114	14:00:00	7	45	21	73	0
15:00:00	15	31	17	63	1	117	15:00:00	13	34	7	54	7
16:00:00	6	45	6	57	1	174	16:00:00	18	84	15	117	23
17:00:00	0	0	1	1	0	20	17:00:00	1	11	7	19	4
18:00:00	0	0	0	0	0	0	18:00:00	0	0	0	0	0
19:00:00	0	0	0	0	0	0	19:00:00	0	0	0	0	0
20:00:00	0	0	0	0	0	0	20:00:00	0	0	0	0	0
21:00:00	0	0	0	0	0	0	21:00:00	0	0	0	0	0
22:00:00	0	0	0	0	0	0	22:00:00	0	0	0	0	0
23:00:00	0	0	0	0	0	0	23:00:00	0	0	0	0	0
0:00:00	0	0	0	0	0	0	0:00:00	0	0	0	0	0
Totals:	50	277	91	418	13	1014		95	410	91	596	68
Calculated Values for Traffic Crossing Major Street												
Hours Ending:	9:00	10:00	11:00	12:00			13:00	14:00	15:00	16:00		
Crossing Values:	98	68	66	57			69	66	71	122		

Durham St W and Adelaide St S

Count Date: 15-Jun-2017

Intersection: Durham St W & Adelaide St S

Municipality: CKL

Major Road: Durham St W

Major Road Runs: N/S one lane each way

Operating Speed of Major Road: 50 km/hr

Operating under free flow conditions

Warrant #1: Minimum Vehicular Volumes.

A. All Approaches.

Not Satisfied

No. of Lanes	Minimum Requirements					Hours Ending								Percentage Warrant	
	1 Lane Each Way		2 Lanes Each Way		3 Lanes										
Flow Condition	1 Lane F. Flow (Code 1)	1 Lane R. Flow (Code 2)	2 Lane F. Flow (Code 3)	2 Lane R. Flow (Code 4)	or More R. Flow (Code 5)	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	Percentage Warrant	
100%	480	720	600	900	1125	295	236	241	237	262	226	261	349	100%	
80%	385	575	480	720	900									Yes: No: X	
All Approaches	100% Fulfilled													0	
	80% Fulfilled													0	
	Actual % if Below 80%					61	49	50	49	55	47	54	73	439	
											Total:			439	
											Actual Average (Total/8):			55%	

B. Minor Street Both Approaches.

100%	120	170	120	170	170	152	110	103	95	129	114	117	174	100%	
80%	95	135	95	135	135									Yes:	No: X
Minor Street Both Approaches	100% Fulfilled					100				100			100	300	
	80% Fulfilled						80	80	80		80	80		400	
	Actual % if Below 80%													0	
											Total:		700		
											Actual Average (Total/8):		88%		

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Count Date: 15-Jun-2017

Intersection: Durham St W & Adelaide St S

Municipality: CKL

Major Road: Durham St W

Major Road Runs: N/S one lane each way

Operating Speed of Major Road: 50 km/hr

Operating under free flow conditions

Warrant #2: Delay to Cross Traffic.

A. Major Street Both Approaches.

Not Satisfied

No. of Lanes	Minimum Requirements					Hours Ending									Percentage Warrant	
	1 Lane Each Way		2 Lanes Each Way		3 Lanes											
Flow Condition	1 Lane F. Flow (Code 1)	1 Lane R. Flow (Code 2)	2 Lane F. Flow (Code 3)	2 Lane R. Flow (Code 4)	or More R. Flow (Code 5)	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00			
100%	480	720	600	900	1125	143	126	138	142	133	112	144	175	100%		
80%	385	575	480	720	900									Yes: X No:		
All Approaches	100% Fulfilled													0		
	80% Fulfilled													0		
	Actual % if Below 80%					30	26	29	30	28	23	30	36	232		
											Total:			232		
											Actual Average (Total/8):			29%		

B. Traffic Crossing Major Street.

100%	50	75	50	75	75	98	68	66	57	69	66	71	122	100%	
80%	40	60	40	60	60									Yes: X	No:
All Approaches	100% Fulfilled					100	100	100	100	100	100	100	100	800	
	80% Fulfilled													0	
	Actual % if Below 80%													0	
											Total:		800		
											Actual Average (Total/8):		100%		

Durham St W and Adelaide St S

Count Date: 15-Jun-2017

Intersection: Durham St W & Adelaide St S

Municipality: CKL

Major Road: Durham St W

Major Road Runs: N/S one lane each way

Operating Speed of Major Road: 50 km/hr

Operating under free flow conditions

Warrant #3: Accident Experience.

Not Satisfied

A. Reportable accidents within a twelve month period averaged over 36 consecutive months susceptible to correction by a traffic signal.

Minimum Requirements	Actual Number of Accidents	Average Number of Accidents	Fulfilled
5	3 in 3 years	1 per year	20%

B. Adequate trial of less restrictive remedies has failed to reduce accident frequency.

No

C. Either Warrant 1 (Minimum Vehicular Volume) or Warrant 2 (Delay to Cross Traffic) satisfied 80% or more.

No

Warrant #4: Combination Warrant. (Used if no warrant satisfied 100%)

Not Satisfied

Minimum Requirements	Warrant Satisfied 80% or More	Fulfilled
Two Warrants Satisfied 80%	Warrant 1 (Minimum Vehicular Volume) Warrant 2 (Delay to Cross Traffic) Warrant 3 (Accident Experience)	No No No

Conclusion: Traffic signal not warranted.