



Location Map: 240365 Cambridge, MA

Precision Data Industries, LLC 157 Washington Street, Suite 2, Hudson, MA 01749 ph: 508-875-0100 email: datarequests@pdillc.com

(1) 7-9am/ 4-6pm TMC



Client:
Kittelson

Engineer:
M. Sanders

Site Code:
274770.006

Date:
Thurs 12/12/2024

PDI Job #
240365

City, State:
Cambridge, MA

PDI File #: **240365 A**
 Location: **S: Quincy Street**
 Location: **E: Kirkland Street W: Kirkland Street**
 City, State: **Cambridge, MA**
 Client: **Kittelson/ M. Sanders**
 Site Code: **274770.006**
 Count Date: **Thursday, December 12, 2024**
 Start Time: **7:00 AM**
 End Time: **9:00 AM**
 Class:



Cars and Heavy Vehicles (Combined)

	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:00 AM	8	34	0	42	17	10	0	27	25	6	0	31	100
7:15 AM	2	49	0	51	17	11	0	28	41	20	0	61	140
7:30 AM	9	50	0	59	25	11	0	36	49	25	0	74	169
7:45 AM	3	45	1	49	23	17	0	40	62	34	0	96	185
Total	22	178	1	201	82	49	0	131	177	85	0	262	594
8:00 AM	10	45	0	55	30	15	0	45	56	51	0	107	207
8:15 AM	20	34	0	54	28	16	0	44	52	102	0	154	252
8:30 AM	16	46	0	62	24	17	0	41	47	71	0	118	221
8:45 AM	17	49	0	66	29	16	0	45	61	51	0	112	223
Total	63	174	0	237	111	64	0	175	216	275	0	491	903
Grand Total	85	352	1	438	193	113	0	306	393	360	0	753	1497
Approach %	19.4	80.4	0.2		63.1	36.9	0.0		52.2	47.8	0.0		
Total %	5.7	23.5	0.1	29.3	12.9	7.5	0.0	20.4	26.3	24.0	0.0	50.3	
Exiting Leg Total	554				745				198				1497
Cars	78	318	1	397	166	104	0	270	363	339	0	702	1369
% Cars	91.8	90.3	100.0	90.6	86.0	92.0	0.0	88.2	92.4	94.2	0.0	93.2	91.4
Exiting Leg Total	506				681				182				1369
Heavy Vehicles	7	34	0	41	27	9	0	36	30	21	0	51	128
% Heavy Vehicles	8.2	9.7	0.0	9.4	14.0	8.0	0.0	11.8	7.6	5.8	0.0	6.8	8.6
Exiting Leg Total	48				64				16				128

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

8:00 AM	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
8:00 AM	10	45	0	55	30	15	0	45	56	51	0	107	207
8:15 AM	20	34	0	54	28	16	0	44	52	102	0	154	252
8:30 AM	16	46	0	62	24	17	0	41	47	71	0	118	221
8:45 AM	17	49	0	66	29	16	0	45	61	51	0	112	223
Total Volume	63	174	0	237	111	64	0	175	216	275	0	491	903
% Approach Total	26.6	73.4	0.0		63.4	36.6	0.0		44.0	56.0	0.0		
PHF	0.788	0.888	0.000	0.898	0.925	0.941	0.000	0.972	0.885	0.674	0.000	0.797	0.896
Cars	59	160	0	219	103	59	0	162	200	259	0	459	840
Cars %	93.7	92.0	0.0	92.4	92.8	92.2	0.0	92.6	92.6	94.2	0.0	93.5	93.0
Heavy Vehicles	4	14	0	18	8	5	0	13	16	16	0	32	63
Heavy Vehicles %	6.3	8.0	0.0	7.6	7.2	7.8	0.0	7.4	7.4	5.8	0.0	6.5	7.0
Cars Enter Leg	59	160	0	219	103	59	0	162	200	259	0	459	840
Heavy Enter Leg	4	14	0	18	8	5	0	13	16	16	0	32	63
Total Entering Leg	63	174	0	237	111	64	0	175	216	275	0	491	903
Cars Exiting Leg				362				360				118	840
Heavy Exiting Leg				24				30				9	63
Total Exiting Leg				386				390				127	903

PDI File #: **240365 A**
 Location: **S: Quincy Street**
 Location: **E: Kirkland Street W: Kirkland Street**
 City, State: **Cambridge, MA**
 Client: **Kittelson/ M. Sanders**
 Site Code: **274770.006**
 Count Date: **Thursday, December 12, 2024**
 Start Time: **7:00 AM**
 End Time: **9:00 AM**
 Class:



Cars

	Kirkland Street					Quincy Street					Kirkland Street					Total
	from East					from South					from West					
	Thru	Left	U-Turn	Total		Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total			
7:00 AM	6	29	0	35		13	9	0	22	25	6	0	31	88		
7:15 AM	2	43	0	45		13	9	0	22	37	18	0	55	122		
7:30 AM	9	47	0	56		20	11	0	31	44	24	0	68	155		
7:45 AM	2	39	1	42		17	16	0	33	57	32	0	89	164		
Total	19	158	1	178		63	45	0	108	163	80	0	243	529		
8:00 AM	8	43	0	51		29	15	0	44	47	48	0	95	190		
8:15 AM	19	31	0	50		26	14	0	40	51	99	0	150	240		
8:30 AM	15	42	0	57		22	14	0	36	43	64	0	107	200		
8:45 AM	17	44	0	61		26	16	0	42	59	48	0	107	210		
Total	59	160	0	219		103	59	0	162	200	259	0	459	840		
Grand Total	78	318	1	397		166	104	0	270	363	339	0	702	1369		
Approach %	19.6	80.1	0.3			61.5	38.5	0.0		51.7	48.3	0.0				
Total %	5.7	23.2	0.1	29.0		12.1	7.6	0.0	19.7	26.5	24.8	0.0	51.3			
Exiting Leg Total	506					681					182					1369

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

8:00 AM	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
8:00 AM	8	43	0	51	29	15	0	44	47	48	0	95	190
8:15 AM	19	31	0	50	26	14	0	40	51	99	0	150	240
8:30 AM	15	42	0	57	22	14	0	36	43	64	0	107	200
8:45 AM	17	44	0	61	26	16	0	42	59	48	0	107	210
Total Volume	59	160	0	219	103	59	0	162	200	259	0	459	840
% Approach Total	26.9	73.1	0.0		63.6	36.4	0.0		43.6	56.4	0.0		
PHF	0.776	0.909	0.000	0.898	0.888	0.922	0.000	0.920	0.847	0.654	0.000	0.765	0.875
Entering Leg	59	160	0	219	103	59	0	162	200	259	0	459	840
Exiting Leg				362				360				118	840
Total				581				522				577	1680

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 Location: **E: Kirkland Street W: Kirkland Street**
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 Site Code: **274770.006**
 Count Date: **Thursday, December 12, 2024**
 Start Time: **7:00 AM**
 End Time: **9:00 AM**



Class:

Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)

	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:00 AM	2	5	0	7	4	1	0	5	0	0	0	0	12
7:15 AM	0	6	0	6	4	2	0	6	4	2	0	6	18
7:30 AM	0	3	0	3	5	0	0	5	5	1	0	6	14
7:45 AM	1	6	0	7	6	1	0	7	5	2	0	7	21
Total	3	20	0	23	19	4	0	23	14	5	0	19	65
8:00 AM	2	2	0	4	1	0	0	1	9	3	0	12	17
8:15 AM	1	3	0	4	2	2	0	4	1	3	0	4	12
8:30 AM	1	4	0	5	2	3	0	5	4	7	0	11	21
8:45 AM	0	5	0	5	3	0	0	3	2	3	0	5	13
Total	4	14	0	18	8	5	0	13	16	16	0	32	63
Grand Total	7	34	0	41	27	9	0	36	30	21	0	51	128
Approach %	17.1	82.9	0.0		75.0	25.0	0.0		58.8	41.2	0.0		
Total %	5.5	26.6	0.0	32.0	21.1	7.0	0.0	28.1	23.4	16.4	0.0	39.8	
Exiting Leg Total	48				64				16				128
Buses	6	15	0	21	11	2	0	13	23	13	0	36	70
% Buses	85.7	44.1	0.0	51.2	40.7	22.2	0.0	36.1	76.7	61.9	0.0	70.6	54.7
Exiting Leg Total	24				38				8				70
Single-Unit Trucks	1	17	0	18	12	7	0	19	7	8	0	15	52
% Single-Unit	14.3	50.0	0.0	43.9	44.4	77.8	0.0	52.8	23.3	38.1	0.0	29.4	40.6
Exiting Leg Total	20				24				8				52
Articulated Trucks	0	2	0	2	4	0	0	4	0	0	0	0	6
% Articulated	0.0	5.9	0.0	4.9	14.8	0.0	0.0	11.1	0.0	0.0	0.0	0.0	4.7
Exiting Leg Total	4				2				0				6

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:45 AM	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:45 AM	1	6	0	7	6	1	0	7	5	2	0	7	21
8:00 AM	2	2	0	4	1	0	0	1	9	3	0	12	17
8:15 AM	1	3	0	4	2	2	0	4	1	3	0	4	12
8:30 AM	1	4	0	5	2	3	0	5	4	7	0	11	21
Total Volume	5	15	0	20	11	6	0	17	19	15	0	34	71
% Approach Total	25.0	75.0	0.0		64.7	35.3	0.0		55.9	44.1	0.0		
PHF	0.625	0.625	0.000	0.714	0.458	0.500	0.000	0.607	0.528	0.536	0.000	0.708	0.845
Buses	4	9	0	13	4	1	0	5	15	10	0	25	43
Buses %	80.0	60.0	0.0	65.0	36.4	16.7	0.0	29.4	78.9	66.7	0.0	73.5	60.6
Single-Unit Trucks	1	5	0	6	6	5	0	11	4	5	0	9	26
Single-Unit %	20.0	33.3	0.0	30.0	54.5	83.3	0.0	64.7	21.1	33.3	0.0	26.5	36.6
Articulated Trucks	0	1	0	1	1	0	0	1	0	0	0	0	2
Articulated %	0.0	6.7	0.0	5.0	9.1	0.0	0.0	5.9	0.0	0.0	0.0	0.0	2.8
Buses	4	9	0	13	4	1	0	5	15	10	0	25	43
Single-Unit Trucks	1	5	0	6	6	5	0	11	4	5	0	9	26
Articulated Trucks	0	1	0	1	1	0	0	1	0	0	0	0	2
Total Entering Leg	5	15	0	20	11	6	0	17	19	15	0	34	71
Buses				14				24				5	43
Single-Unit Trucks				11				9				6	26
Articulated Trucks				1				1				0	2
Total Exiting Leg				26				34				11	71

PDI File #: **240365 A**
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 City, State: **Cambridge, MA**
 Client: **Kittelson/ M. Sanders**
 Site Code: **274770.006**
 Count Date: **Thursday, December 12, 2024**
 Start Time: **7:00 AM**
 End Time: **9:00 AM**
 Class:



Buses

	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:00 AM	2	3	0	5	2	0	0	2	0	0	0	0	7
7:15 AM	0	1	0	1	1	1	0	2	4	2	0	6	9
7:30 AM	0	1	0	1	2	0	0	2	2	1	0	3	6
7:45 AM	1	3	0	4	2	0	0	2	3	1	0	4	10
Total	3	8	0	11	7	1	0	8	9	4	0	13	32
8:00 AM	1	1	0	2	0	0	0	0	7	2	0	9	11
8:15 AM	1	2	0	3	1	0	0	1	1	2	0	3	7
8:30 AM	1	3	0	4	1	1	0	2	4	5	0	9	15
8:45 AM	0	1	0	1	2	0	0	2	2	0	0	2	5
Total	3	7	0	10	4	1	0	5	14	9	0	23	38
Grand Total	6	15	0	21	11	2	0	13	23	13	0	36	70
Approach %	28.6	71.4	0.0		84.6	15.4	0.0		63.9	36.1	0.0		
Total %	8.6	21.4	0.0	30.0	15.7	2.9	0.0	18.6	32.9	18.6	0.0	51.4	
Exiting Leg Total	24				38				8				70

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:45 AM	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:45 AM	1	3	0	4	2	0	0	2	3	1	0	4	10
8:00 AM	1	1	0	2	0	0	0	0	7	2	0	9	11
8:15 AM	1	2	0	3	1	0	0	1	1	2	0	3	7
8:30 AM	1	3	0	4	1	1	0	2	4	5	0	9	15
Total Volume	4	9	0	13	4	1	0	5	15	10	0	25	43
% Approach Total	30.8	69.2	0.0		80.0	20.0	0.0		60.0	40.0	0.0		
PHF	1.000	0.750	0.000	0.813	0.500	0.250	0.000	0.625	0.536	0.500	0.000	0.694	0.717
Entering Leg	4	9	0	13	4	1	0	5	15	10	0	25	43
Exiting Leg				14				24				5	43
Total				27				29				30	86

PDI File #: **240365 A**
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 Site Code: **274770.006**
 Count Date: **Thursday, December 12, 2024**
 Start Time: **7:00 AM**
 End Time: **9:00 AM**
 Class:



Single-Unit Trucks

	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:00 AM	0	2	0	2	1	1	0	2	0	0	0	0	4
7:15 AM	0	5	0	5	2	1	0	3	0	0	0	0	8
7:30 AM	0	2	0	2	2	0	0	2	3	0	0	3	7
7:45 AM	0	3	0	3	4	1	0	5	2	1	0	3	11
Total	0	12	0	12	9	3	0	12	5	1	0	6	30
8:00 AM	1	1	0	2	0	0	0	0	2	1	0	3	5
8:15 AM	0	0	0	0	1	2	0	3	0	1	0	1	4
8:30 AM	0	1	0	1	1	2	0	3	0	2	0	2	6
8:45 AM	0	3	0	3	1	0	0	1	0	3	0	3	7
Total	1	5	0	6	3	4	0	7	2	7	0	9	22
Grand Total	1	17	0	18	12	7	0	19	7	8	0	15	52
Approach %	5.6	94.4	0.0		63.2	36.8	0.0		46.7	53.3	0.0		
Total %	1.9	32.7	0.0	34.6	23.1	13.5	0.0	36.5	13.5	15.4	0.0	28.8	
Exiting Leg Total	20				24				8				52

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:15 AM	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:15 AM	0	5	0	5	2	1	0	3	0	0	0	0	8
7:30 AM	0	2	0	2	2	0	0	2	3	0	0	3	7
7:45 AM	0	3	0	3	4	1	0	5	2	1	0	3	11
8:00 AM	1	1	0	2	0	0	0	0	2	1	0	3	5
Total Volume	1	11	0	12	8	2	0	10	7	2	0	9	31
% Approach Total	8.3	91.7	0.0		80.0	20.0	0.0		77.8	22.2	0.0		
PHF	0.250	0.550	0.000	0.600	0.500	0.500	0.000	0.500	0.583	0.500	0.000	0.750	0.705
Entering Leg	1	11	0	12	8	2	0	10	7	2	0	9	31
Exiting Leg				10				18				3	31
Total				22				28				12	62

PDI File #: **240365 A**
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 Count Date: **Thursday, December 12, 2024**
 Start Time: **7:00 AM**
 End Time: **9:00 AM**
 Class:



Articulated Trucks

	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:00 AM	0	0	0	0	1	0	0	1	0	0	0	0	1
7:15 AM	0	0	0	0	1	0	0	1	0	0	0	0	1
7:30 AM	0	0	0	0	1	0	0	1	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	3	0	0	3	0	0	0	0	3
8:00 AM	0	0	0	0	1	0	0	1	0	0	0	0	1
8:15 AM	0	1	0	1	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	0	2	0	2	1	0	0	1	0	0	0	0	3
Grand Total	0	2	0	2	4	0	0	4	0	0	0	0	6
Approach %	0.0	100.0	0.0		100.0	0.0	0.0		0.0	0.0	0.0		
Total %	0.0	33.3	0.0	33.3	66.7	0.0	0.0	66.7	0.0	0.0	0.0	0.0	
Exiting Leg Total	4				2				0				6

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:00 AM	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:00 AM	0	0	0	0	1	0	0	1	0	0	0	0	1
7:15 AM	0	0	0	0	1	0	0	1	0	0	0	0	1
7:30 AM	0	0	0	0	1	0	0	1	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	3	0	0	3	0	0	0	0	3
% Approach Total	0.0	0.0	0.0		100.0	0.0	0.0		0.0	0.0	0.0		
PHF	0.000	0.000	0.000	0.000	0.750	0.000	0.000	0.750	0.000	0.000	0.000	0.000	0.750
Entering Leg	0	0	0	0	3	0	0	3	0	0	0	0	3
Exiting Leg				3				0				0	3
Total				3				3				0	6

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 Count Date: **Thursday, December 12, 2024**
 Start Time: **7:00 AM**
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Class: **Bicycles (on Roadway and Crosswalks)**

	Kirkland Street						Quincy Street						Kirkland Street						Total	
	from East						from South						from West							
	Thru	Left	U-Turn	CW-SB	CW-NB	Total	Right	Left	U-Turn	CW-WB	CW-EB	Total	Right	Thru	U-Turn	CW-NB	CW-SB	Total		
7:00 AM	0	1	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	2	3
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
7:30 AM	2	0	0	0	0	2	2	0	0	0	0	2	2	2	0	0	0	0	4	8
7:45 AM	2	0	0	0	0	2	1	1	0	0	2	4	3	2	0	0	0	0	5	11
Total	4	1	0	0	0	5	3	1	0	0	2	6	6	7	0	0	0	0	13	24
8:00 AM	6	0	0	0	0	6	0	0	0	0	0	0	0	3	0	0	0	1	4	10
8:15 AM	9	1	0	0	1	11	2	1	0	0	0	3	0	1	0	0	0	0	1	15
8:30 AM	6	0	0	0	0	6	1	1	0	0	1	3	2	1	0	0	0	0	3	12
8:45 AM	6	0	0	0	0	6	1	1	0	0	1	3	3	5	0	0	0	0	8	17
Total	27	1	0	0	1	29	4	3	0	0	2	9	5	10	0	0	0	1	16	54
Grand Total	31	2	0	0	1	34	7	4	0	0	4	15	11	17	0	0	0	1	29	78
Approach %	91.2	5.9	0.0	0.0	2.9		46.7	26.7	0.0	0.0	26.7		37.9	58.6	0.0	0.0	3.4			
Total %	39.7	2.6	0.0	0.0	1.3	43.6	9.0	5.1	0.0	0.0	5.1	19.2	14.1	21.8	0.0	0.0	1.3	37.2		
Exiting Leg Total	25						17						36						78	

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

8:00 AM	Kirkland Street						Quincy Street						Kirkland Street						Total		
	from East						from South						from West								
	Thru	Left	U-Turn	CW-SB	CW-NB	Total	Right	Left	U-Turn	CW-WB	CW-EB	Total	Right	Thru	U-Turn	CW-NB	CW-SB	Total			
8:00 AM	6	0	0	0	0	6	0	0	0	0	0	0	0	3	0	3	0	0	1	4	10
8:15 AM	9	1	0	0	1	11	2	1	0	0	0	0	3	0	1	0	0	0	0	1	15
8:30 AM	6	0	0	0	0	6	1	1	0	0	0	1	3	2	1	0	0	0	0	3	12
8:45 AM	6	0	0	0	0	6	1	1	0	0	0	1	3	3	5	0	0	0	0	8	17
Total Volume	27	1	0	0	1	29	4	3	0	0	0	2	9	5	10	0	0	1	16	54	
% Approach Total	93.1	3.4	0.0	0.0	3.4		44.4	33.3	0.0	0.0	22.2			31.3	62.5	0.0	0.0	6.3			
PHF	0.750	0.250	0.000	0.000	0.250	0.659	0.500	0.750	0.000	0.000	0.500	0.750		0.417	0.500	0.000	0.000	0.250	0.500	0.794	
Entering Leg	27	1	0	0	1	29	4	3	0	0	0	2	9	5	10	0	0	1	16	54	
Exiting Leg	15						8						31						54		
Total	44						17						47						108		

PDI File #: **240365 A**
 Location: **S: Quincy Street**
 Location: **E: Kirkland Street W: Kirkland Street**
 City, State: **Cambridge, MA**
 Client: **Kittelson/ M. Sanders**
 Site Code: **274770.006**
 Count Date: **Thursday, December 12, 2024**
 Start Time: **7:00 AM**
 End Time: **9:00 AM**
 Class:



Pedestrians

	Kirkland Street						Quincy Street						Kirkland Street						Total
	from East						from South						from West						
	Thru	Left	U-Turn	CW-SB	CW-NB	Total	Right	Left	U-Turn	CW-WB	CW-EB	Total	Right	Thru	U-Turn	CW-NB	CW-SB	Total	
7:00 AM	0	0	0	5	1	6	0	0	0	3	1	4	0	0	0	0	0	0	10
7:15 AM	0	0	0	1	4	5	0	0	0	3	2	5	0	0	0	0	0	0	10
7:30 AM	0	0	0	1	5	6	0	0	0	9	0	9	0	0	0	0	0	0	15
7:45 AM	0	0	0	1	4	5	0	0	0	6	5	11	0	0	0	1	4	5	21
Total	0	0	0	8	14	22	0	0	0	21	8	29	0	0	0	1	4	5	56
8:00 AM	0	0	0	3	0	3	0	0	0	9	3	12	0	0	0	1	0	1	16
8:15 AM	0	0	0	10	11	21	0	0	0	18	5	23	0	0	0	1	2	3	47
8:30 AM	0	0	0	8	13	21	0	0	0	17	6	23	0	0	0	2	2	4	48
8:45 AM	0	0	0	17	11	28	0	0	0	17	2	19	0	0	0	5	1	6	53
Total	0	0	0	38	35	73	0	0	0	61	16	77	0	0	0	9	5	14	164
Grand Total	0	0	0	46	49	95	0	0	0	82	24	106	0	0	0	10	9	19	220
Approach %	0	0	0	48.421	51.579		0	0	0	77.358	22.642		0	0	0	52.632	47.368		
Total %	0	0	0	20.909	22.273	43.182	0	0	0	37.273	10.909	48.182	0	0	0	4.5455	4.0909	8.6364	
Exiting Leg Total	95						106						19						220

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

8:00 AM	Kirkland Street						Quincy Street						Kirkland Street						Total
	from East						from South						from West						
	Thru	Left	U-Turn	CW-SB	CW-NB	Total	Right	Left	U-Turn	CW-WB	CW-EB	Total	Right	Thru	U-Turn	CW-NB	CW-SB	Total	
8:00 AM	0	0	0	3	0	3	0	0	0	9	3	12	0	0	0	1	0	1	16
8:15 AM	0	0	0	10	11	21	0	0	0	18	5	23	0	0	0	1	2	3	47
8:30 AM	0	0	0	8	13	21	0	0	0	17	6	23	0	0	0	2	2	4	48
8:45 AM	0	0	0	17	11	28	0	0	0	17	2	19	0	0	0	5	1	6	53
Total Volume	0	0	0	38	35	73	0	0	0	61	16	77	0	0	0	9	5	14	164
% Approach Total	0.0	0.0	0.0	52.1	47.9		0.0	0.0	0.0	79.2	20.8		0.0	0.0	0.0	64.3	35.7		
PHF	0.000	0.000	0.000	0.559	0.673	0.652	0.000	0.000	0.000	0.847	0.667	0.837	0.000	0.000	0.000	0.450	0.625	0.583	0.774
Entering Leg	0	0	0	38	35	73	0	0	0	61	16	77	0	0	0	9	5	14	164
Exiting Leg	73						77						14						164
Total	146						154						28						328

PDI File #: **240365 A**
 Location: **S: Quincy Street**
 Location: **E: Kirkland Street W: Kirkland Street**
 City, State: **Cambridge, MA**
 Client: **Kittelson/ M. Sanders**
 Site Code: **274770.006**
 Count Date: **Thursday, December 12, 2024**
 Start Time: **4:00 PM**
 End Time: **6:00 PM**
 Class:



Cars and Heavy Vehicles (Combined)

	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
4:00 PM	18	52	0	70	49	21	0	70	21	16	0	37	177
4:15 PM	17	51	0	68	42	22	0	64	31	34	0	65	197
4:30 PM	27	42	0	69	22	22	0	44	39	15	0	54	167
4:45 PM	26	47	0	73	38	20	0	58	33	33	0	66	197
Total	88	192	0	280	151	85	0	236	124	98	0	222	738
5:00 PM	22	43	0	65	38	16	0	54	31	36	0	67	186
5:15 PM	24	36	0	60	47	33	0	80	42	26	0	68	208
5:30 PM	28	53	0	81	41	18	0	59	28	27	0	55	195
5:45 PM	23	56	0	79	29	17	0	46	41	24	0	65	190
Total	97	188	0	285	155	84	0	239	142	113	0	255	779
Grand Total	185	380	0	565	306	169	0	475	266	211	0	477	1517
Approach %	32.7	67.3	0.0		64.4	35.6	0.0		55.8	44.2	0.0		
Total %	12.2	25.0	0.0	37.2	20.2	11.1	0.0	31.3	17.5	13.9	0.0	31.4	
Exiting Leg Total	517				646				354				1517
Cars	183	359	0	542	294	167	0	461	252	204	0	456	1459
% Cars	98.9	94.5	0.0	95.9	96.1	98.8	0.0	97.1	94.7	96.7	0.0	95.6	96.2
Exiting Leg Total	498				611				350				1459
Heavy Vehicles	2	21	0	23	12	2	0	14	14	7	0	21	58
% Heavy Vehicles	1.1	5.5	0.0	4.1	3.9	1.2	0.0	2.9	5.3	3.3	0.0	4.4	3.8
Exiting Leg Total	19				35				4				58

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:45 PM	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
4:45 PM	26	47	0	73	38	20	0	58	33	33	0	66	197
5:00 PM	22	43	0	65	38	16	0	54	31	36	0	67	186
5:15 PM	24	36	0	60	47	33	0	80	42	26	0	68	208
5:30 PM	28	53	0	81	41	18	0	59	28	27	0	55	195
Total Volume	100	179	0	279	164	87	0	251	134	122	0	256	786
% Approach Total	35.8	64.2	0.0		65.3	34.7	0.0		52.3	47.7	0.0		
PHF	0.893	0.844	0.000	0.861	0.872	0.659	0.000	0.784	0.798	0.847	0.000	0.941	0.945
Cars	98	173	0	271	159	86	0	245	125	119	0	244	760
Cars %	98.0	96.6	0.0	97.1	97.0	98.9	0.0	97.6	93.3	97.5	0.0	95.3	96.7
Heavy Vehicles	2	6	0	8	5	1	0	6	9	3	0	12	26
Heavy Vehicles %	2.0	3.4	0.0	2.9	3.0	1.1	0.0	2.4	6.7	2.5	0.0	4.7	3.3
Cars Enter Leg	98	173	0	271	159	86	0	245	125	119	0	244	760
Heavy Enter Leg	2	6	0	8	5	1	0	6	9	3	0	12	26
Total Entering Leg	100	179	0	279	164	87	0	251	134	122	0	256	786
Cars Exiting Leg				278				298				184	760
Heavy Exiting Leg				8				15				3	26
Total Exiting Leg				286				313				187	786

PDI File #: **240365 A**
 Location: **S: Quincy Street**
 Location: **E: Kirkland Street W: Kirkland Street**
 City, State: **Cambridge, MA**
 Client: **Kittelson/ M. Sanders**
 Site Code: **274770.006**
 Count Date: **Thursday, December 12, 2024**
 Start Time: **4:00 PM**
 End Time: **6:00 PM**
 Class:



Cars

	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
4:00 PM	18	46	0	64	48	21	0	69	20	14	0	34	167
4:15 PM	17	48	0	65	38	22	0	60	29	33	0	62	187
4:30 PM	27	39	0	66	21	21	0	42	37	15	0	52	160
4:45 PM	24	46	0	70	37	20	0	57	31	32	0	63	190
Total	86	179	0	265	144	84	0	228	117	94	0	211	704
5:00 PM	22	39	0	61	37	16	0	53	29	35	0	64	178
5:15 PM	24	36	0	60	45	33	0	78	39	25	0	64	202
5:30 PM	28	52	0	80	40	17	0	57	26	27	0	53	190
5:45 PM	23	53	0	76	28	17	0	45	41	23	0	64	185
Total	97	180	0	277	150	83	0	233	135	110	0	245	755
Grand Total	183	359	0	542	294	167	0	461	252	204	0	456	1459
Approach %	33.8	66.2	0.0		63.8	36.2	0.0		55.3	44.7	0.0		
Total %	12.5	24.6	0.0	37.1	20.2	11.4	0.0	31.6	17.3	14.0	0.0	31.3	
Exiting Leg Total	498				611				350				1459

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:45 PM	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
4:45 PM	24	46	0	70	37	20	0	57	31	32	0	63	190
5:00 PM	22	39	0	61	37	16	0	53	29	35	0	64	178
5:15 PM	24	36	0	60	45	33	0	78	39	25	0	64	202
5:30 PM	28	52	0	80	40	17	0	57	26	27	0	53	190
Total Volume	98	173	0	271	159	86	0	245	125	119	0	244	760
% Approach Total	36.2	63.8	0.0		64.9	35.1	0.0		51.2	48.8	0.0		
PHF	0.875	0.832	0.000	0.847	0.883	0.652	0.000	0.785	0.801	0.850	0.000	0.953	0.941
Entering Leg	98	173	0	271	159	86	0	245	125	119	0	244	760
Exiting Leg				278				298				184	760
Total				549				543				428	1520

PDI File #: **240365 A**
 Location: **S: Quincy Street**
 Location: **E: Kirkland Street W: Kirkland Street**
 City, State: **Cambridge, MA**
 Client: **Kittelson/ M. Sanders**
 Site Code: **274770.006**
 Count Date: **Thursday, December 12, 2024**
 Start Time: **4:00 PM**
 End Time: **6:00 PM**



Class: **Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
4:00 PM	0	6	0	6	1	0	0	1	1	2	0	3	10
4:15 PM	0	3	0	3	4	0	0	4	2	1	0	3	10
4:30 PM	0	3	0	3	1	1	0	2	2	0	0	2	7
4:45 PM	2	1	0	3	1	0	0	1	2	1	0	3	7
Total	2	13	0	15	7	1	0	8	7	4	0	11	34
5:00 PM	0	4	0	4	1	0	0	1	2	1	0	3	8
5:15 PM	0	0	0	0	2	0	0	2	3	1	0	4	6
5:30 PM	0	1	0	1	1	1	0	2	2	0	0	2	5
5:45 PM	0	3	0	3	1	0	0	1	0	1	0	1	5
Total	0	8	0	8	5	1	0	6	7	3	0	10	24
Grand Total	2	21	0	23	12	2	0	14	14	7	0	21	58
Approach %	8.7	91.3	0.0		85.7	14.3	0.0		66.7	33.3	0.0		
Total %	3.4	36.2	0.0	39.7	20.7	3.4	0.0	24.1	24.1	12.1	0.0	36.2	
Exiting Leg Total	19				35				4				58
Buses	2	16	0	18	8	1	0	9	12	2	0	14	41
% Buses	100.0	76.2	0.0	78.3	66.7	50.0	0.0	64.3	85.7	28.6	0.0	66.7	70.7
Exiting Leg Total	10				28				3				41
Single-Unit Trucks	0	3	0	3	4	1	0	5	2	5	0	7	15
% Single-Unit	0.0	14.3	0.0	13.0	33.3	50.0	0.0	35.7	14.3	71.4	0.0	33.3	25.9
Exiting Leg Total	9				5				1				15
Articulated Trucks	0	2	0	2	0	0	0	0	0	0	0	0	2
% Articulated	0.0	9.5	0.0	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
Exiting Leg Total	0				2				0				2

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:00 PM	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
4:00 PM	0	6	0	6	1	0	0	1	1	2	0	3	10
4:15 PM	0	3	0	3	4	0	0	4	2	1	0	3	10
4:30 PM	0	3	0	3	1	1	0	2	2	0	0	2	7
4:45 PM	2	1	0	3	1	0	0	1	2	1	0	3	7
Total Volume	2	13	0	15	7	1	0	8	7	4	0	11	34
% Approach Total	13.3	86.7	0.0		87.5	12.5	0.0		63.6	36.4	0.0		
PHF	0.250	0.542	0.000	0.625	0.438	0.250	0.000	0.500	0.875	0.500	0.000	0.917	0.850
Buses	2	9	0	11	4	1	0	5	6	1	0	7	23
Buses %	100.0	69.2	0.0	73.3	57.1	100.0	0.0	62.5	85.7	25.0	0.0	63.6	67.6
Single-Unit Trucks	0	2	0	2	3	0	0	3	1	3	0	4	9
Single-Unit %	0.0	15.4	0.0	13.3	42.9	0.0	0.0	37.5	14.3	75.0	0.0	36.4	26.5
Articulated Trucks	0	2	0	2	0	0	0	0	0	0	0	0	2
Articulated %	0.0	15.4	0.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9
Buses	2	9	0	11	4	1	0	5	6	1	0	7	23
Single-Unit Trucks	0	2	0	2	3	0	0	3	1	3	0	4	9
Articulated Trucks	0	2	0	2	0	0	0	0	0	0	0	0	2
Total Entering Leg	2	13	0	15	7	1	0	8	7	4	0	11	34
Buses				5				15				3	23
Single-Unit Trucks				6				3				0	9
Articulated Trucks				0				2				0	2
Total Exiting Leg				11				20				3	34

PDI File #: **240365 A**
 Location: **S: Quincy Street**
 Location: **E: Kirkland Street W: Kirkland Street**
 City, State: **Cambridge, MA**
 Client: **Kittelson/ M. Sanders**
 Site Code: **274770.006**
 Count Date: **Thursday, December 12, 2024**
 Start Time: **4:00 PM**
 End Time: **6:00 PM**
 Class:



Buses

	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
4:00 PM	0	3	0	3	0	0	0	0	1	1	0	2	5
4:15 PM	0	2	0	2	2	0	0	2	1	0	0	1	5
4:30 PM	0	3	0	3	1	1	0	2	2	0	0	2	7
4:45 PM	2	1	0	3	1	0	0	1	2	0	0	2	6
Total	2	9	0	11	4	1	0	5	6	1	0	7	23
5:00 PM	0	4	0	4	1	0	0	1	2	1	0	3	8
5:15 PM	0	0	0	0	1	0	0	1	2	0	0	2	3
5:30 PM	0	1	0	1	1	0	0	1	2	0	0	2	4
5:45 PM	0	2	0	2	1	0	0	1	0	0	0	0	3
Total	0	7	0	7	4	0	0	4	6	1	0	7	18
Grand Total	2	16	0	18	8	1	0	9	12	2	0	14	41
Approach %	11.1	88.9	0.0		88.9	11.1	0.0		85.7	14.3	0.0		
Total %	4.9	39.0	0.0	43.9	19.5	2.4	0.0	22.0	29.3	4.9	0.0	34.1	
Exiting Leg Total	10				28				3				41

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:15 PM	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
4:15 PM	0	2	0	2	2	0	0	2	1	0	0	1	5
4:30 PM	0	3	0	3	1	1	0	2	2	0	0	2	7
4:45 PM	2	1	0	3	1	0	0	1	2	0	0	2	6
5:00 PM	0	4	0	4	1	0	0	1	2	1	0	3	8
Total Volume	2	10	0	12	5	1	0	6	7	1	0	8	26
% Approach Total	16.7	83.3	0.0		83.3	16.7	0.0		87.5	12.5	0.0		
PHF	0.250	0.625	0.000	0.750	0.625	0.250	0.000	0.750	0.875	0.250	0.000	0.667	0.813
Entering Leg	2	10	0	12	5	1	0	6	7	1	0	8	26
Exiting Leg				6				17				3	26
Total				18				23				11	52

PDI File #: **240365 A**
 Location: **S: Quincy Street**
 Location: **E: Kirkland Street W: Kirkland Street**
 City, State: **Cambridge, MA**
 Client: **Kittelson/ M. Sanders**
 Site Code: **274770.006**
 Count Date: **Thursday, December 12, 2024**
 Start Time: **4:00 PM**
 End Time: **6:00 PM**
 Class:



Single-Unit Trucks

	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
4:00 PM	0	2	0	2	1	0	0	1	0	1	0	1	4
4:15 PM	0	0	0	0	2	0	0	2	1	1	0	2	4
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	0	2	0	2	3	0	0	3	1	3	0	4	9
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	1	0	0	1	1	1	0	2	3
5:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	1
5:45 PM	0	1	0	1	0	0	0	0	0	1	0	1	2
Total	0	1	0	1	1	1	0	2	1	2	0	3	6
Grand Total	0	3	0	3	4	1	0	5	2	5	0	7	15
Approach %	0.0	100.0	0.0		80.0	20.0	0.0		28.6	71.4	0.0		
Total %	0.0	20.0	0.0	20.0	26.7	6.7	0.0	33.3	13.3	33.3	0.0	46.7	
Exiting Leg Total	9				5				1				15

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:00 PM	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
4:00 PM	0	2	0	2	1	0	0	1	0	1	0	1	4
4:15 PM	0	0	0	0	2	0	0	2	1	1	0	2	4
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	1
Total Volume	0	2	0	2	3	0	0	3	1	3	0	4	9
% Approach Total	0.0	100.0	0.0		100.0	0.0	0.0		25.0	75.0	0.0		
PHF	0.000	0.250	0.000	0.250	0.375	0.000	0.000	0.375	0.250	0.750	0.000	0.500	0.563
Entering Leg	0	2	0	2	3	0	0	3	1	3	0	4	9
Exiting Leg				6				3				0	9
Total				8				6				4	18

PDI File #: **240365 A**
 Location: **S: Quincy Street**
 Location: **E: Kirkland Street W: Kirkland Street**
 City, State: **Cambridge, MA**
 Client: **Kittelson/ M. Sanders**
 Site Code: **274770.006**
 Count Date: **Thursday, December 12, 2024**
 Start Time: **4:00 PM**
 End Time: **6:00 PM**
 Class:



Articulated Trucks

	Kirkland Street				Quincy Street				Kirkland Street				Total	
	from East				from South				from West					
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total		
4:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	1	
4:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	1	
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	2	0	2	0	0	0	0	0	0	0	0	2	
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	
Grand Total	0	2	0	2	0	0	0	0	0	0	0	0	2	
Approach %	0.0	100.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0			
Total %	0.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Exiting Leg Total	0				2				0				2	

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:00 PM	Kirkland Street				Quincy Street				Kirkland Street				Total
	from East				from South				from West				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
4:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	1
4:15 PM	0	1	0	1	0	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	2	0	2	0	0	0	0	0	0	0	0	2
% Approach Total	0.0	100.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		
PHF	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500
Entering Leg	0	2	0	2	0	0	0	0	0	0	0	0	2
Exiting Leg				0				2				0	2
Total				2				2				0	4

PDI File #: **240365 A**
 Location: **S: Quincy Street**
 Location: **E: Kirkland Street W: Kirkland Street**
 City, State: **Cambridge, MA**
 Client: **Kittelson/ M. Sanders**
 Site Code: **274770.006**
 Count Date: **Thursday, December 12, 2024**
 Start Time: **4:00 PM**
 End Time: **6:00 PM**
 Class:



Bicycles (on Roadway and Crosswalks)

	Kirkland Street						Quincy Street						Kirkland Street						Total
	from East						from South						from West						
	Thru	Left	U-Turn	CW-SB	CW-NB	Total	Right	Left	U-Turn	CW-WB	CW-EB	Total	Right	Thru	U-Turn	CW-NB	CW-SB	Total	
4:00 PM	2	0	0	0	3	5	4	0	0	0	0	4	1	5	0	0	0	6	15
4:15 PM	4	2	0	1	1	8	1	1	0	1	1	4	1	9	0	0	2	12	24
4:30 PM	3	0	0	1	0	4	3	1	0	0	0	4	0	2	0	0	0	2	10
4:45 PM	5	1	0	0	1	7	0	3	0	0	0	3	0	8	0	0	0	8	18
Total	14	3	0	2	5	24	8	5	0	1	1	15	2	24	0	0	2	28	67
5:00 PM	6	3	0	0	0	9	4	3	0	0	0	7	2	8	0	0	3	13	29
5:15 PM	4	2	0	0	1	7	5	5	0	0	0	10	2	9	0	1	1	13	30
5:30 PM	2	5	0	0	0	7	2	6	0	0	0	8	6	8	0	0	0	14	29
5:45 PM	3	1	0	0	0	4	2	4	0	0	0	6	4	8	0	0	0	12	22
Total	15	11	0	0	1	27	13	18	0	0	0	31	14	33	0	1	4	52	110
Grand Total	29	14	0	2	6	51	21	23	0	1	1	46	16	57	0	1	6	80	177
Approach %	56.9	27.5	0.0	3.9	11.8		45.7	50.0	0.0	2.2	2.2		20.0	71.3	0.0	1.3	7.5		
Total %	16.4	7.9	0.0	1.1	3.4	28.8	11.9	13.0	0.0	0.6	0.6	26.0	9.0	32.2	0.0	0.6	3.4	45.2	
Exiting Leg Total	86						32						59						177

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

5:00 PM	Kirkland Street						Quincy Street						Kirkland Street						Total
	from East						from South						from West						
	Thru	Left	U-Turn	CW-SB	CW-NB	Total	Right	Left	U-Turn	CW-WB	CW-EB	Total	Right	Thru	U-Turn	CW-NB	CW-SB	Total	
5:00 PM	6	3	0	0	0	9	4	3	0	0	0	7	2	8	0	0	3	13	29
5:15 PM	4	2	0	0	1	7	5	5	0	0	0	10	2	9	0	1	1	13	30
5:30 PM	2	5	0	0	0	7	2	6	0	0	0	8	6	8	0	0	0	14	29
5:45 PM	3	1	0	0	0	4	2	4	0	0	0	6	4	8	0	0	0	12	22
Total Volume	15	11	0	0	1	27	13	18	0	0	0	31	14	33	0	1	4	52	110
% Approach Total	55.6	40.7	0.0	0.0	3.7		41.9	58.1	0.0	0.0	0.0		26.9	63.5	0.0	1.9	7.7		
PHF	0.625	0.550	0.000	0.000	0.250	0.750	0.650	0.750	0.000	0.000	0.000	0.775	0.583	0.917	0.000	0.250	0.333	0.929	0.917
Entering Leg	15	11	0	0	1	27	13	18	0	0	0	31	14	33	0	1	4	52	110
Exiting Leg	47						25						38						110
Total	74						56						90						220

PDI File #: **240365 A**
 Location: **S: Quincy Street**
 Location: **E: Kirkland Street W: Kirkland Street**
 City, State: **Cambridge, MA**
 Client: **Kittelston/ M. Sanders**
 Site Code: **274770.006**
 Count Date: **Thursday, December 12, 2024**
 Start Time: **4:00 PM**
 End Time: **6:00 PM**
 Class:



Pedestrians

	Kirkland Street						Quincy Street						Kirkland Street						Total
	from East						from South						from West						
	Thru	Left	U-Turn	CW-SB	CW-NB	Total	Right	Left	U-Turn	CW-WB	CW-EB	Total	Right	Thru	U-Turn	CW-NB	CW-SB	Total	
4:00 PM	0	0	0	12	14	26	0	0	0	6	8	14	0	0	0	3	4	7	47
4:15 PM	0	0	0	11	7	18	0	0	0	10	10	20	0	0	0	5	7	12	50
4:30 PM	0	0	0	18	9	27	0	0	0	6	9	15	0	0	0	4	6	10	52
4:45 PM	0	0	0	13	11	24	0	0	0	13	13	26	0	0	0	1	9	10	60
Total	0	0	0	54	41	95	0	0	0	35	40	75	0	0	0	13	26	39	209
5:00 PM	0	0	0	15	7	22	0	0	0	16	17	33	0	0	0	6	22	28	83
5:15 PM	0	0	0	11	6	17	0	0	0	8	14	22	0	0	0	2	7	9	48
5:30 PM	0	0	0	9	7	16	0	0	0	9	17	26	0	0	0	2	3	5	47
5:45 PM	0	0	0	12	5	17	0	0	0	7	27	34	0	0	0	2	1	3	54
Total	0	0	0	47	25	72	0	0	0	40	75	115	0	0	0	12	33	45	232
Grand Total	0	0	0	101	66	167	0	0	0	75	115	190	0	0	0	25	59	84	441
Approach %	0	0	0	60.479	39.521		0	0	0	39.474	60.526		0	0	0	29.762	70.238		
Total %	0	0	0	22.902	14.966	37.868	0	0	0	17.007	26.077	43.084	0	0	0	5.6689	13.379	19.048	
Exiting Leg Total	167						190						84						441

Peak Hour Analysis from 04:00 PM to 06:00 PM begins at:

4:15 PM	Kirkland Street						Quincy Street						Kirkland Street						Total
	from East						from South						from West						
	Thru	Left	U-Turn	CW-SB	CW-NB	Total	Right	Left	U-Turn	CW-WB	CW-EB	Total	Right	Thru	U-Turn	CW-NB	CW-SB	Total	
4:15 PM	0	0	0	11	7	18	0	0	0	10	10	20	0	0	0	5	7	12	50
4:30 PM	0	0	0	18	9	27	0	0	0	6	9	15	0	0	0	4	6	10	52
4:45 PM	0	0	0	13	11	24	0	0	0	13	13	26	0	0	0	1	9	10	60
5:00 PM	0	0	0	15	7	22	0	0	0	16	17	33	0	0	0	6	22	28	83
Total Volume	0	0	0	57	34	91	0	0	0	45	49	94	0	0	0	16	44	60	245
% Approach Total	0.0	0.0	0.0	62.6	37.4		0.0	0.0	0.0	47.9	52.1		0.0	0.0	0.0	26.7	73.3		
PHF	0.000	0.000	0.000	0.792	0.773	0.843	0.000	0.000	0.000	0.703	0.721	0.712	0.000	0.000	0.000	0.667	0.500	0.536	0.738
Entering Leg	0	0	0	57	34	91	0	0	0	45	49	94	0	0	0	16	44	60	245
Exiting Leg	91						94						60						245
Total	182						188						120						490