APPENDIX P

Corridor Safety Study –
Crash Data (2010 – 2014)

Feet
0 100 200

Collision Type:

- 2. Angle
- 10. Deer
- 6. Fixed Object in Road
- 9. Fixed Object - Off Road
- 3. Head On
- 12. Pedestrian
- 1. Rear End
- 4. Sideswipe - Same Direction
- 5. Sideswipe - Opposite Direction
- 16. Other
- Crash Number

Broadview Avenue Crash Data

WALLACE MONTGOMERY
ENGINEERS · PLANNERS · SURVEYORS · CONSTRUCTION MANAGERS

N

0 100 200 Feet

Collision Type:

- 2. Angle
- 10. Deer
- 6. Fixed Object in Road
- 9. Fixed Object - Off Road
- 3. Head On
- 12. Pedestrian
- 1. Rear End
- 4. Sideswipe - Same Direction
- 5. Sideswipe - Opposite Direction
- 16. Other
- Crash Number

Broadview Avenue Crash Data

WALLACE MONTGOMERY
ENGINEERS · PLANNERS · SURVEYORS · CONSTRUCTION MANAGERS

N

0 100 200 Feet

Collision Type:

- 2. Angle
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Broadview Avenue Crash Data

WALLACE MONTGOMERY
ENGINEERS · PLANNERS · SURVEYORS · CONSTRUCTION MANAGERS

0 95 190 Feet

Collision Type:

- 2. Angle
- 10. Deer
- 6. Fixed Object in Road
- 9. Fixed Object - Off Road
- 3. Head On
- 12. Pedestrian
- 1. Rear End
- 4. Sideswipe - Same Direction
- 5. Sideswipe - Opposite Direction
- 16. Other
- Crash Number

Broadview Avenue Crash Data

WALLACE MONTGOMERY
ENGINEERS · PLANNERS · SURVEYORS · CONSTRUCTION MANAGERS

Crash Number	Document Number	Crash Date	Crash Time	Day Of Week	Route Or Street Name	Crash Severity	Pedestrian Fatality Count	Non Pedestrian Fatality Count	Pedestrian Injury Cnt	Non Pedestrian Injury Count	Work Zone Related	Collision Type
1	100950463	1/7/2010	11:18	Thu	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
2	102140252	5/16/2010	9:18	Sun	BROADVIEW AVE	injury crash	0	0	0	1	2. No	2. Angle
3	101960046	5/22/2010	18:46	Sat	20BLK-BROADVIEW AVE	injury crash	0	0	0	1	2. No	2. Angle
4	102000382	5/25/2010	14:48	Tue	17 N BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
5	102000409	5/27/2010	15:10	Thu	broadview ave	property damage crash	0	0	0	0	2. No	2. Angle
6	102010871	6/10/2010	16:42	Thu	19 BROADVIEW AVE	property damage crash	0	0	0	0	2. No	4. Sideswipe - Same Direction
7	102020240	6/11/2010	18:30	Fri	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
8	102100441	6/26/2010	0:00	Sat	BROADVIEW AVE	injury crash	0	0	0	1	2. No	1. Rear End
9	102280886	7/2/2010	19:45	Fri	164 BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
10	110320068	7/9/2010	17:57	Fri	RT 17 BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
11	102280739	7/13/2010	14:24	Tue	319 braodview ave	injury crash	0	0	0	1	1. Yes	1. Rear End
12	103420158	8/10/2010	12:16	Tue	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
13	103420176	8/17/2010	0:00	Tue	20 broadview ave	property damage crash	0	0	0	0	2. No	1. Rear End
14	103350045	9/17/2010	10:15	Fri	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
15	110380248	11/5/2010	12:45	Fri	55 BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
16	110380497	11/12/2010	16:17	Fri	BROADVIEW AV	property damage crash	0	0	0	0	2. No	1. Rear End
17	110210298	11/16/2010	12:42	Tue	broadview ave	property damage crash	0	0	0	0	2. No	2. Angle
18	110390169	12/1/2010	5:52	Wed	15 BRAODVIEW AVE	property damage crash	0	0	0	0	2. No	9. Fixed Object - Off Road
19	110450906	12/16/2010	16:40	Thu	broadview ave	property damage crash	0	0	0	0	2. No	3. Head On
20	110900015	12/29/2010	16:25	Wed	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
21	110950364	1/17/2011	18:25	Mon	broadview ave	property damage crash	0	0	0	0	2. No	2. Angle
22	111030084	2/2/2011	16:05	Wed	530 broadview ave	injury crash	0	0	0	2	2. No	2. Angle
23	110940080	2/11/2011	17:30	Fri	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
24	111240285	2/22/2011	17:10	Tue	broadview ave	property damage crash	0	0	0	0	2. No	2. Angle
25	110975146	3/19/2011	21:15	Sat	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
26	110815064	3/22/2011	11:52	Tue	530 BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
27	111125080	4/22/2011	10:45	Fri	BROADVIEW AVENUE	injury crash	0	0	0	1	2. No	2. Angle
28	111155145	4/25/2011	16:18	Mon	309 BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
29	111155149	4/25/2011	14:20	Mon	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	4. Sideswipe - Same Direction
30	111245239	5/4/2011	16:00	Wed	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
31	111465210	5/26/2011	16:37	Thu	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle

Crash Number	Document Number	Crash Date	Crash Time	Day Of Week	Route Or Street Name	Crash Severity	Pedestrian Fatality Count	Non Pedestrian Fatality Count	Pedestrian Injury Cnt	Non Pedestrian Injury Count	Work Zone Related	Collision Type
32	111525141	6/1/2011	13:46	Wed	102 BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
33	111565199	6/3/2011	20:02	Fri	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
34	111815164	6/30/2011	14:57	Thu	BROADVIEW AVE.	injury crash	0	0	0	1	2. No	2. Angle
35	112085026	7/26/2011	21:11	Tue	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
36	112215173	8/9/2011	12:30	Tue	BROADVIEW AVENUE	injury crash	0	0	0	1	2. No	2. Angle
37	112335089	8/21/2011	9:50	Sun	BROADVIEW AVE.	property damage crash	0	0	0	0	2. No	2. Angle
38	112425080	8/29/2011	17:17	Mon	34 BROADVIEW AVE	injury crash	0	0	0	2	2. No	16. Other
39	112505323	9/7/2011	17:00	Wed	55 BLOCK BROADVIEW AVE.	property damage crash	0	0	0	0	2. No	4. Sideswipe - Same Direction
40	112575200	9/14/2011	17:04	Wed	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
41	112645182	9/21/2011	17:22	Wed	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
42	112715222	9/28/2011	17:15	Wed	BROADVIEW AVENUE	injury crash	0	0	0	1	2. No	1. Rear End
43	112825120	10/8/2011	12:50	Sat	BROADVIEW AVENUE	injury crash	0	0	0	2	2. No	2. Angle
44	113035027	10/30/2011	1:21	Sun	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	16. Other
45	113045287	10/31/2011	17:15	Mon	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
46	113075303	11/3/2011	11:25	Thu	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	9. Fixed Object - Off Road
47	113165112	11/12/2011	8:33	Sat	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
48	113205284	11/16/2011	13:55	Wed	BROADVIEW AVE	injury crash	0	0	0	1	2. No	1. Rear End
49	113295038	11/23/2011	23:19	Wed	380 BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	9. Fixed Object - Off Road
50	113335281	11/29/2011	15:30	Tue	47 BROADVIEW AVE.	property damage crash	0	0	0	0	2. No	1. Rear End
51	113425214	12/8/2011	12:40	Thu	200 BLOCK BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
52	113615146	12/27/2011	7:55	Tue	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
53	120045173	1/4/2012	15:31	Wed	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
54	120135232	1/13/2012	16:36	Fri	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
55	120295073	1/27/2012	7:20	Fri	BROADVIEW AVE.	injury crash	0	0	0	1	2. No	2. Angle
56	120355148	2/4/2012	15:23	Sat	BROADVIEW AVE	injury crash	0	0	0	1	2. No	2. Angle
57	120475157	2/16/2012	10:50	Thu	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
58	120485173	2/17/2012	16:25	Fri	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
59	120775117	3/17/2012	13:05	Sat	BROADVIEW AVE.	injury crash	0	0	0	4	2. No	3. Head On
60	120785110	3/17/2012	16:18	Sat	#20 BLOCK, BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
61	120825210	3/22/2012	15:55	Thu	34 BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
62	120895278	3/29/2012	15:09	Thu	20 BROADVIEW AVENUE	pedestrian injury crash	0	0	1	0	2. No	12. Ped

Crash Number	Document Number	Crash Date	Crash Time	Day Of Week	Route Or Street Name	Crash Severity	Pedestrian Fatality Count	Non Pedestrian Fatality Count	Pedestrian Injury Cnt	Non Pedestrian Injury Count	Work Zone Related	Collision Type
63	120955012	4/3/2012	19:26	Tue	BROADVIEW AVE.	property damage crash	0	0	0	0	2. No	1. Rear End
64	121075185	4/16/2012	7:20	Mon	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
65	121095189	4/18/2012	7:22	Wed	300 BLOCK BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
66	121195125	4/28/2012	12:23	Sat	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
67	121235120	5/1/2012	15:05	Tue	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
68	121255193	5/4/2012	11:30	Fri	BROADVIEW AVENUE	injury crash	0	0	0	1	2. No	1. Rear End
69	121475011	5/25/2012	22:51	Fri	BROADVIEW AVENUE	injury crash	0	0	0	2	2. No	1. Rear End
70	121535245	6/1/2012	18:30	Fri	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
71	121565277	6/4/2012	18:25	Mon	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
72	122355213	8/22/2012	14:49	Wed	BROADVIEW AVE.	property damage crash	0	0	0	0	2. No	2. Angle
73	122355170	8/22/2012	13:17	Wed	361 BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
74	122405206	8/27/2012	14:09	Mon	34 BROADVIEW AVE.	property damage crash	0	0	0	0	2. No	1. Rear End
75	122415243	8/28/2012	17:29	Tue	34 BROADVIEW AVENUE	injury crash	0	0	0	3	2. No	2. Angle
76	122475028	9/2/2012	22:31	Sun	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
77	122525051	9/7/2012	16:59	Fri	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
78	122745042	9/29/2012	12:19	Sat	BROADVIEW AVE.	property damage crash	0	0	0	0	2. No	1. Rear End
79	122775117	10/2/2012	12:05	Tue	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
80	122855105	10/10/2012	17:45	Wed	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	4. Sideswipe - Same Direction
81	122845163	10/10/2012	10:29	Wed	BROADVIEW AVE.	property damage crash	0	0	0	0	2. No	1. Rear End
82	122965249	10/22/2012	14:24	Mon	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
83	123055128	10/31/2012	10:48	Wed	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
84	123085067	11/2/2012	17:09	Fri	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
85	123175131	11/12/2012	7:32	Mon	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
86	123185225	11/13/2012	7:25	Tue	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
87	123185247	11/13/2012	7:25	Tue	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
88	123275129	11/21/2012	18:40	Wed	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
89	123555124	12/19/2012	15:50	Wed	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	4. Sideswipe - Same Direction
90	130025279	1/2/2013	14:51	Wed	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
91	130075174	1/7/2013	14:58	Mon	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	4. Sideswipe - Same Direction
92	130075098	1/7/2013	6:53	Mon	BROADVIEW AVE.	property damage crash	0	0	0	0	2. No	4. Sideswipe - Same Direction
93	130125070	1/11/2013	7:16	Fri	BROADVIEW AVE.	property damage crash	0	0	0	0	2. No	1. Rear End

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94	130215136	1/21/2013	12:48	Mon	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	4. Sideswipe - Same Direction
95	130235231	1/23/2013	15:00	Wed	BROADVIEW AVE.	property damage crash	0	0	0	0	2. No	2. Angle
96	130365168	2/5/2013	12:42	Tue	BROADVIEW AVENUE	injury crash	0	0	0	2	2. No	3. Head On
97	130825074	3/22/2013	16:56	Fri	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
98	131015121	4/10/2013	17:38	Wed	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
99	131505289	5/30/2013	18:01	Thu	BROADVIEW AVE	injury crash	0	0	0	1	2. No	2. Angle
100	131505258	5/30/2013	18:21	Thu	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
101	131615250	6/10/2013	11:00	Mon	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	1. Rear End
102	131665082	6/14/2013	15:00	Fri	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
103	131715177	6/20/2013	11:54	Thu	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	4. Sideswipe - Same Direction
104	132185249	8/6/2013	16:30	Tue	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
105	132335139	8/16/2013	13:00	Fri	BROADVIEW AVENUE	injury crash	0	0	0	2	2. No	2. Angle
106	132495248	9/4/2013	9:32	Wed	BROADVIEW AVENUE	injury crash	0	0	0	1	2. No	2. Angle
107	132495249	9/4/2013	16:30	Wed	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	16. Other
108	132625074	9/17/2013	16:00	Tue	BROADVIEW AVE.	injury crash	0	0	0	1	2. No	2. Angle
109	132665091	9/19/2013	16:45	Thu	BROADVIEW AVENUE	injury crash	0	0	0	1	2. No	2. Angle
110	132745069	9/25/2013	15:25	Wed	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
111	132835143	10/1/2013	12:40	Tue	BROADVIEW AVENUE	injury crash	0	0	0	1	2. No	1. Rear End
112	132805156	10/4/2013	12:40	Fri	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
113	132815179	10/7/2013	12:05	Mon	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	6. Fixed Object in Road
114	132885119	10/12/2013	9:57	Sat	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
115	140225366	10/18/2013	7:20	Fri	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
116	140225385	11/15/2013	22:30	Fri	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	9. Fixed Object - Off Road
117	140595083	11/23/2013	15:23	Sat	RT 29 BUS / 5 BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
118	140225395	11/25/2013	12:05	Mon	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
119	140225399	11/29/2013	8:20	Fri	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
120	140225401	12/2/2013	9:09	Mon	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
121	140595206	12/30/2013	14:09	Mon	RT 29 BUSINESS/BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
122	140295076	1/28/2014	11:00	Tue	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
123	140345145	2/2/2014	10:45	Sun	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	4. Sideswipe - Same Direction
124	140515062	2/20/2014	4:44	Thu	BROADVIEW AVE	pedestrian injury crash	0	0	1	0	2. No	12. Ped

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125	140635096	2/20/2014	13:28	Thu	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
126	140555099	2/21/2014	13:45	Fri	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
127	140555100	2/23/2014	13:45	Sun	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
128	140865267	3/26/2014	15:00	Wed	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
129	141015092	4/4/2014	15:10	Fri	20 BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
130	141005197	4/9/2014	6:40	Wed	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	10. Deer
131	141065171	4/15/2014	13:40	Tue	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
132	141085066	4/17/2014	7:32	Thu	BROADVIEW AVE	injury crash	0	0	0	2	2. No	1. Rear End
133	141275122	5/7/2014	6:00	Wed	361 BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	9. Fixed Object - Off Road
134	141365062	5/9/2014	16:35	Fri	ROUTE 17	property damage crash	0	0	0	0	2. No	9. Fixed Object - Off Road
135	141365100	5/12/2014	18:27	Mon	BROADVIEW AVE	injury crash	0	0	0	2	2. No	1. Rear End
136	141405243	5/19/2014	10:54	Mon	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
137	141555094	5/29/2014	16:45	Thu	BROADVIEW AVE.	injury crash	0	0	0	1	2. No	1. Rear End
138	141675306	6/14/2014	9:50	Sat	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
139	141675307	6/16/2014	13:51	Mon	BROADVIEW AVE	injury crash	0	0	0	1	2. No	1. Rear End
140	141785060	6/23/2014	14:32	Mon	BROADVIEW AVE	injury crash	0	0	0	1	2. No	5. Sideswipe - Opposite Direction
141	141885054	6/25/2014	18:02	Wed	BROADVIEW AVENUE	property damage crash	0	0	0	0	2. No	2. Angle
142	141815121	6/26/2014	10:44	Thu	20 BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
143	141845101	6/30/2014	17:08	Mon	60 BROADVIEW AVENUE	injury crash	0	0	0	1	2. No	1. Rear End
144	142055089	7/16/2014	17:00	Wed	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
145	142115270	7/25/2014	11:32	Fri	BROADVIEW AVE	pedestrian injury crash	0	0	1	0	2. No	12. Ped
146	142135041	7/30/2014	15:10	Wed	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
147	142135170	7/31/2014	12:52	Thu	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End
148	142335132	8/20/2014	17:05	Wed	BROADVIEW AVENUE	injury crash	0	0	0	2	2. No	2. Angle
149	142385121	8/25/2014	12:05	Mon	BROADVIEW AVE	injury crash	0	0	0	1	2. No	1. Rear End
150	142735170	9/29/2014	14:18	Mon	BROADVIEW AVE	injury crash	0	0	0	1	2. No	2. Angle
151	142835062	10/9/2014	19:00	Thu	BROADVIEW AVE	property damage crash	0	0	0	0	2. No	2. Angle
152	142955093	10/17/2014	7:25	Fri	144 BROADVIEW AVE	property damage crash	0	0	0	0	2. No	1. Rear End

APPENDIX Q

Corridor Safety Study – Lighting Data

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
Source: Esri, HERE, DeLorme, INCREMENT P, Intermap, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

N

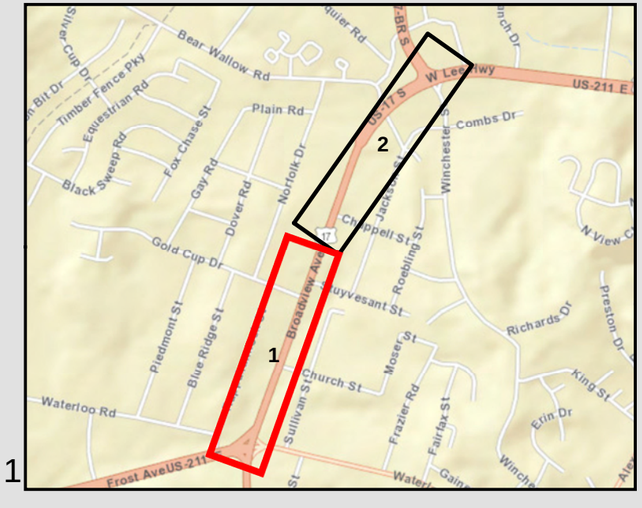
0 250 500 Feet

Broadview Avenue Lighting

Lighting

- Existing 15 ft Arm Bracket Single 250W HPS
- Existing 8 ft Arm Bracket Double 250W HPS
- Proposed 15 ft Arm Bracket Single 250W HPS
- Existing 15 ft Arm Bracket with Proposed 400W HPS

WALLACE MONTGOMERY
ENGINEERS · PLANNERS · SURVEYORS · CONSTRUCTION MANAGERS



0 250 500 Feet

Broadview Avenue Lighting

Lighting

- Existing 15 ft Arm Bracket Single 250W HPS
- Existing 8 ft Arm Bracket Double 250W HPS
- Proposed 15 ft Arm Bracket Single 250W HPS
- Existing 15 ft Arm Bracket with Proposed 400W HPS

WALLACE MONTGOMERY
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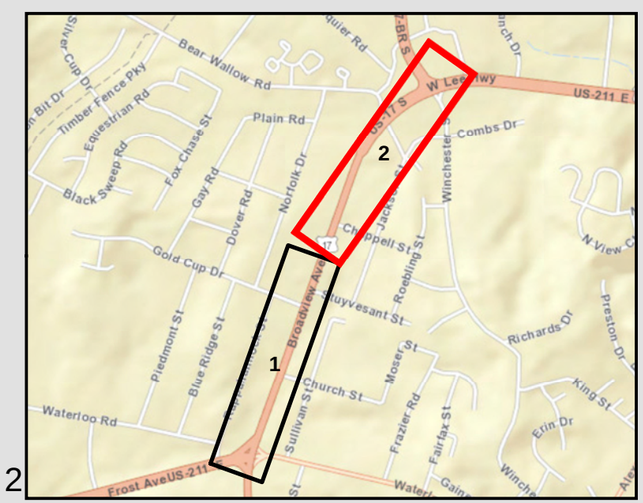

Northbound Broadview Avenue Light Readings

Intersection	Actual Reading E_{min}(fc)	Average Reading E_{avg} (fc)	Uniformity Ratio (E_{avg}/E_{min})
Lee Hwy/ Winchester St	0.2	**0.13**	1.32
	0.2		
	0.1		
	0.1		
	0.1		
	0.0		
	0.0		
	0.0		
	0.0		
	0.0		
	0.2		
	0.4		
	0.2		
	0.2		
	0.1		
	0.1		
	0.1		
	0.1		
	0.4		
Roebling Street	0.2	1.06	**5.28**
	0.2		
	0.4		
	0.7		
	0.6		
	0.6		
	0.8		
	1.3		
	0.6		
	0.7		
	0.7		
	0.7		
	1.8		
	3.9		
	2.9		
	1.7		
	2.4		
	1.8		
	3.6		

Recommended Illuminance
Medium Pedestrian Conflict Areas
Eavg (fc) = 0.5
E_{min} (fc) = 0.2
E_{avg}/E_{min} = 3.0

Northbound Broadview Avenue Light Readings

Intersection	Actual Reading E_{min}(fc)	Average Reading E_{avg} (fc)	Uniformity Ratio (E_{avg}/E_{min})
Roebling Street	1.7	1.06	**5.28**
	0.4		
	0.3		
	0.6		
	1.6		
	1.7		
	1.2		
	0.6		
	0.4		
	0.3		
	0.3		
	0.5		
	0.9		
	1.3		
	1.6		
	1.0		
	0.7		
	0.6		
	0.5		
	0.4		
	0.8		
	1.3		
	1.8		
	2.0		
	1.4		
	0.7		
	0.5		
	0.5		
	0.7		
	0.6		
	0.3		

Recommended Illuminance
Medium Pedestrian Conflict Areas
Eavg (fc) = 0.5
E_{min} (fc) = 0.2
E_{avg}/E_{min} = 3.0

Northbound Broadview Avenue Light Readings

Intersection	Actual Reading E_{min}(fc)	Average Reading E_{avg} (fc)	Uniformity Ratio (E_{avg}/E_{min})
Chappell Street	0.9	0.62	**6.16**
	2.0		
	1.8		
	0.3		
	0.2		
	0.2		
	0.3		
	0.2		
	0.1		
	0.3		
	0.2		
	0.2		
	0.2		
	0.8		
	0.4		
	0.4		
	0.4		
	0.6		
	0.9		
	1.4		
	2.3		
	1.8		
	0.8		
	0.5		
	0.3		
	0.3		
	0.2		
	0.2		
	0.4		
	0.5		
	0.4		
	0.2		

Recommended Illuminance
Medium Pedestrian Conflict Areas
Eavg (fc) = 0.5
E_{min} (fc) = 0.2
E_{avg}/E_{min} = 3.0

Northbound Broadview Avenue Light Readings

Intersection	Actual Reading E_{min}(fc)	Average Reading E_{avg} (fc)	Uniformity Ratio (E_{avg}/E_{min})
Stuyvesant Street	0.7	0.97	9.74
	1.5		
	1.6		
	0.8		
	0.3		
	0.3		
	0.4		
	0.7		
	1.4		
	0.3		
	0.3		
	0.2		
	0.2		
	0.2		
	0.1		
	0.2		
	0.8		
	1.1		
	1.9		
	0.3		
	1.0		
	0.6		
	0.3		
	0.1		
	0.3		
	0.9		
	1.7		
	1.9		
	1.2		
	1.0		
	0.7		
	0.8		
	0.3		
	3.3		
	3.8		
	2.8		
	1.5		
	1.2		
	1.3		

Recommended Illuminance
Medium Pedestrian Conflict Areas
Eavg (fc) = 0.5
E_{min} (fc) = 0.2
E_{avg}/E_{min} = 3.0

Northbound Broadview Avenue Light Readings

Intersection	Actual Reading E_{min}(fc)	Average Reading E_{avg} (fc)	Uniformity Ratio (E_{avg}/E_{min})
Church Street	0.9	1.09	**3.65**
	1.4		
	1.5		
	1.1		
	0.7		
	0.6		
	0.3		
	0.4		
	0.4		
	0.5		
	0.8		
	1.0		
	0.9		
	0.7		
	0.3		
	0.4		
	0.5		
	0.6		
	0.7		
	1.0		
	1.3		
	2.0		
	2.2		
	1.2		
	0.6		
	0.5		
	0.4		
	0.4		
	0.4		
	0.6		
	1.2		
	2.7		
	2.0		
	1.3		
	2.0		
	4.5		
	2.5		
Frost Ave			

Recommended Illuminance
Medium Pedestrian Conflict Areas
Eavg (fc) = 0.5
E_{min} (fc) = 0.2
E_{avg}/E_{min} = 3.0

Southbound Broadview Avenue Light Readings			
Intersection	Actual Reading E_{min}(fc)	Average Reading E_{avg} (fc)	Uniformity Ratio (E_{avg}/E_{min})
Frost Avenue	0.9	0.92	**4.59**
	1.3		
	2.6		
	1.4		
	0.6		
	0.6		
	0.3		
	2.3		
	1.5		
	0.7		
	1.5		
	1.4		
	1.2		
	0.6		
	1.3		
	2.1		
	2.0		
	0.4		
	0.2		
	0.7		
	0.8		
	0.4		
	0.5		
	0.5		
	0.7		
	1.2		
	1.4		
	2.6		
	1.6		
	0.9		
	0.5		
	0.6		
	0.5		
	0.8		
	1.4		
	2.8		
	2.2		
	1.1		
	0.5		

Recommended Illuminance
Medium Pedestrian Conflict Areas
E_h (fc) = 0.5
E_{min} (fc) = 0.2
E_{avg}/E_{min} = 3.0

Southbound Broadview Avenue Light Readings			
Intersection	Actual Reading E_{min}(fc)	Average Reading E_{avg} (fc)	Uniformity Ratio (E_{avg}/E_{min})
Church Street	0.4	0.95	**4.59**
	0.3		
	0.3		
	0.5		
	0.4		
	0.3		
	1.3		
	0.3		
	0.2		
	0.2		
	0.3		
	0.3		
	0.3		
	0.6		
	1.0		
	1.2		
	1.1		
	0.7		
	0.5		
	0.5		
	0.5		
	0.2		
Gold Cup Drive	0.4	0.83	**8.28**
	1.0		
	1.1		
	0.3		
	0.2		
	0.2		
	0.3		
	0.3		
	0.6		
	1.0		
	1.0		
	0.1		
	0.1		
	0.3		
	0.3		
	0.2		
	0.2		
	0.3		
	0.6		
	0.2		
	0.2		
	0.4		

Recommended Illuminance
Medium Pedestrian Conflict Areas
E_h (fc) = 0.5
E_{min} (fc) = 0.2
E_{avg}/E_{min} = 3.0

Southbound Broadview Avenue Light Readings			
Intersection	Actual Reading E_{min}(fc)	Average Reading E_{avg} (fc)	Uniformity Ratio (E_{avg}/E_{min})
Gold Cup Drive	0.5	0.83	**8.28**
	0.4		
	0.3		
	0.4		
	0.6		
	1.2		
	1.3		
	0.7		
	0.6		
	0.2		
	0.2		
	0.3		
	0.3		
	0.4		
	0.4		
	1.3		
	0.8		
	0.7		
	0.4		
	0.3		
	0.5		
	1.7		
	0.6		
	1.3		
	0.7		
	0.4		
	0.4		
	0.4		
	0.6		
	1.5		
	4.8		
	5.3		
	1.9		
	2.2		
	1.0		
	0.7		
	0.4		
	0.3		
	0.3		
	1.1		
	2.1		
	1.4		
	0.8		
	0.6		

Recommended Illuminance
Medium Pedestrian Conflict Areas
E_h (fc) = 0.5
E_{min} (fc) = 0.2
E_{avg}/E_{min} = 3.0

Southbound Broadview Avenue Light Readings			
Intersection	**Actual Reading E_{min}(fc)**	**Average Reading E_{avg} (fc)**	**Uniformity Ratio (E_{avg}/E_{min})**
Gold Cup Drive	0.9	0.83	**8.28**
	2.1		
	1.4		
	0.6		
	0.5		
	0.4		
	1.1		
	0.9		
	0.5		
	0.9		
	0.9		
	1.2		
	1.7		
	1.7		
	0.7		
Old Broadview Avenue	0.2	0.67	**6.71**
	0.2		
	0.1		
	0.0		
	0.1		
	0.1		
	0.0		
	0.0		
	0.1		
	0.1		
	0.1		
	0.1		
	3.4		
	4.9		
	1.8		
	0.1		
	0.1		
Lee Hwy / Winchester St			

Recommended Illuminance
Medium Pedestrian Conflict Areas
E_h (fc) = 0.5
E_{min} (fc) = 0.2
E_{avg}/E_{min} = 3.0