

Scioto Darby Creek Rd & Leap Rd - TMC

Tue Dec 12, 2017

Full Length (6AM-6PM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 479431, Location: 40.018303, -83.135689



Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg Direction	Darby Glen Blvd Southbound					Scioto Darby Rd Westbound					Scioto Darby Rd Northbound					Leap Rd Eastbound					Int
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2017-12-12																					
6:00AM	3	1	12	0	16	0	3	7	0	10	23	3	10	0	36	20	16	0	0	36	98
6:15AM	7	9	12	0	28	0	7	11	0	18	43	0	29	0	72	17	18	0	0	35	153
6:30AM	8	3	12	0	23	0	6	8	0	14	58	4	56	0	118	26	24	0	0	50	205
6:45AM	7	16	7	0	30	0	14	14	0	28	72	5	65	0	142	34	34	1	0	69	269
Hourly Total	25	29	43	0	97	0	30	40	0	70	196	12	160	0	368	97	92	1	0	190	725
7:00AM	15	8	16	0	39	1	19	21	0	41	107	3	61	0	171	23	37	2	0	62	313
7:15AM	17	13	29	0	59	0	19	17	0	36	92	4	95	0	191	35	38	0	0	73	359
7:30AM	9	13	14	0	36	1	25	20	0	46	93	5	96	0	194	37	42	2	0	81	357
7:45AM	10	21	14	0	45	2	20	22	0	44	102	3	95	0	200	46	48	1	0	95	384
Hourly Total	51	55	73	0	179	4	83	80	0	167	394	15	347	0	756	141	165	5	0	311	1413
8:00AM	6	7	9	0	22	2	18	37	0	57	83	8	76	0	167	44	40	1	0	85	331
8:15AM	3	7	8	0	18	2	13	24	0	39	60	6	76	0	142	59	23	2	0	84	283
8:30AM	8	6	6	0	20	1	17	25	0	43	68	5	89	0	162	50	26	3	0	79	304
8:45AM	5	13	6	0	24	2	16	29	0	47	47	10	80	0	137	60	24	1	0	85	293
Hourly Total	22	33	29	0	84	7	64	115	0	186	258	29	321	0	608	213	113	7	0	333	1211
9:00AM	4	9	6	0	19	3	16	15	0	34	51	7	60	0	118	51	17	3	0	71	242
9:15AM	3	8	6	0	17	2	17	22	0	41	51	3	48	0	102	35	22	0	0	57	217
9:30AM	1	4	0	0	5	1	12	22	0	35	48	7	38	0	93	32	8	2	0	42	175
9:45AM	4	5	3	0	12	0	11	11	0	22	18	5	37	0	60	33	12	1	0	46	140
Hourly Total	12	26	15	0	53	6	56	70	0	132	168	22	183	0	373	151	59	6	0	216	774
10:00AM	1	4	5	0	10	1	9	17	0	27	23	10	56	0	89	28	14	0	0	42	168
10:15AM	1	12	2	0	15	1	14	26	0	41	30	7	47	0	84	26	12	0	0	38	178
10:30AM	2	6	2	0	10	3	11	29	0	43	34	3	39	0	76	24	13	2	0	39	168
10:45AM	3	3	1	0	7	2	13	22	0	37	35	4	43	0	82	43	14	2	0	59	185
Hourly Total	7	25	10	0	42	7	47	94	0	148	122	24	185	0	331	121	53	4	0	178	699
11:00AM	0	10	1	0	11	1	11	24	0	36	41	8	33	0	82	32	18	4	0	54	183
11:15AM	0	14	4	0	18	3	12	34	0	49	32	8	35	0	75	44	16	4	0	64	206
11:30AM	3	5	4	0	12	1	20	37	0	58	38	9	44	0	91	48	17	0	0	65	226
11:45AM	4	8	3	0	15	4	15	38	0	57	35	7	50	0	92	59	11	4	0	74	238
Hourly Total	7	37	12	0	56	9	58	133	0	200	146	32	162	0	340	183	62	12	0	257	853
12:00PM	1	8	2	0	11	2	16	33	0	51	28	2	45	0	75	53	10	4	0	67	204
12:15PM	2	8	2	0	12	2	13	32	0	47	36	7	53	0	96	54	15	5	0	74	229
12:30PM	3	7	4	0	14	3	19	33	0	55	32	15	48	0	95	49	12	3	0	64	228
12:45PM	2	9	4	0	15	1	9	29	0	39	43	8	51	0	102	56	20	1	0	77	233
Hourly Total	8	32	12	0	52	8	57	127	0	192	139	32	197	0	368	212	57	13	0	282	894
1:00PM	5	5	3	0	13	6	11	33	0	50	42	3	44	0	89	60	24	5	0	89	241
1:15PM	2	4	4	0	10	0	17	36	0	53	34	8	66	0	108	53	9	0	0	62	233
1:30PM	4	5	3	0	12	5	20	27	0	52	36	5	54	0	95	53	11	2	0	66	225
1:45PM	1	5	2	0	8	2	26	28	0	56	26	7	42	0	75	51	11	5	0	67	206
Hourly Total	12	19	12	0	43	13	74	124	0	211	138	23	206	0	367	217	55	12	0	284	905
2:00PM	1	3	1	0	5	3	14	23	0	40	26	8	39	0	73	61	21	2	0	84	202
2:15PM	2	5	2	0	9	6	15	33	0	54	31	12	49	0	92	55	14	2	0	71	226
2:30PM	3	2	3	0	8	4	21	35	0	60	27	9	38	0	74	58	20	3	0	81	223
2:45PM	3	5	0	0	8	5	21	35	0	61	36	11	52	0	99	61	33	6	0	100	268
Hourly Total	9	15	6	0	30	18	71	126	0	215	120	40	178	0	338	235	88	13	0	336	919
3:00PM	1	7	0	0	8	8	32	60	0	100	38	9	72	0	119	75	16	5	0	96	323

Leg Direction	Darby Glen Blvd Southbound					Scioto Darby Rd Westbound					Scioto Darby Rd Northbound					Leap Rd Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
3:15PM	2	9	3	0	14	12	28	44	0	84	34	12	57	0	103	63	16	2	0	81	282
3:30PM	2	19	2	0	23	7	35	43	0	85	38	13	61	0	112	96	27	4	0	127	347
3:45PM	6	17	7	0	30	14	26	52	0	92	35	15	57	0	107	73	23	2	0	98	327
Hourly Total	11	52	12	0	75	41	121	199	0	361	145	49	247	0	441	307	82	13	0	402	1279
4:00PM	6	13	4	0	23	14	46	66	0	126	40	8	59	0	107	81	19	5	0	105	361
4:15PM	6	13	9	0	28	13	50	79	0	142	47	13	60	0	120	70	16	8	0	94	384
4:30PM	3	15	5	0	23	6	47	87	0	140	36	5	53	0	94	99	23	2	0	124	381
4:45PM	1	13	7	0	21	8	60	68	0	136	44	14	59	0	117	85	18	3	0	106	380
Hourly Total	16	54	25	0	95	41	203	300	0	544	167	40	231	0	438	335	76	18	0	429	1506
5:00PM	4	24	8	0	36	15	45	61	0	121	57	12	49	0	118	82	20	1	0	103	378
5:15PM	4	48	9	0	61	13	69	67	0	149	44	17	61	0	122	54	17	0	0	71	403
5:30PM	8	32	10	0	50	8	54	70	0	132	46	12	48	0	106	75	17	0	0	92	380
5:45PM	6	19	12	0	37	21	49	59	0	129	49	14	39	0	102	93	21	2	0	116	384
Hourly Total	22	123	39	0	184	57	217	257	0	531	196	55	197	0	448	304	75	3	0	382	1545
Total	202	500	288	0	990	211	1081	1665	0	2957	2189	373	2614	0	5176	2516	977	107	0	3600	12723
% Approach	20.4%	50.5%	29.1%	0%	-	7.1%	36.6%	56.3%	0%	-	42.3%	7.2%	50.5%	0%	-	69.9%	27.1%	3.0%	0%	-	-
% Total	1.6%	3.9%	2.3%	0%	7.8%	1.7%	8.5%	13.1%	0%	23.2%	17.2%	2.9%	20.5%	0%	40.7%	19.8%	7.7%	0.8%	0%	28.3%	-
Lights	188	489	284	0	961	207	1045	1607	0	2859	2123	358	2486	0	4967	2397	924	99	0	3420	12207
% Lights	93.1%	97.8%	98.6%	0%	97.1%	98.1%	96.7%	96.5%	0%	96.7%	97.0%	96.0%	95.1%	0%	96.0%	95.3%	94.6%	92.5%	0%	95.0%	95.9%
Articulated Trucks	0	2	0	0	2	0	11	11	0	22	13	1	26	0	40	26	13	2	0	41	105
% Articulated Trucks	0%	0.4%	0%	0%	0.2%	0%	1.0%	0.7%	0%	0.7%	0.6%	0.3%	1.0%	0%	0.8%	1.0%	1.3%	1.9%	0%	1.1%	0.8%
Buses and Single-Unit Trucks	14	9	4	0	27	4	25	47	0	76	53	14	102	0	169	93	40	6	0	139	411
% Buses and Single-Unit Trucks	6.9%	1.8%	1.4%	0%	2.7%	1.9%	2.3%	2.8%	0%	2.6%	2.4%	3.8%	3.9%	0%	3.3%	3.7%	4.1%	5.6%	0%	3.9%	3.2%

*L: Left, R: Right, T: Thru, U: U-Turn

Scioto Darby Creek Rd & Leap Rd - TMC

Tue Dec 12, 2017

Full Length (6AM-6PM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 479431, Location: 40.018303, -83.135689



Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

[N] Darby Glen Blvd

Total: 1681

In: 990 Out: 691

202 500 288

[W] Leap Rd

Total: 7497
In: 3600 Out: 3897

107
977
2516

211
1081
1665

Out: 3454 In: 2957
Total: 6411

[E] Scioto Darby Rd

Out: 4681

Total: 9857

In: 5176

[S] Scioto Darby Rd

2614

373

2189

Scioto Darby Creek Rd & Leap Rd - TMC

Tue Dec 12, 2017

AM Peak (7:15AM - 8:15AM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 479431, Location: 40.018303, -83.135689



Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg Direction	Darby Glen Blvd Southbound					Scioto Darby Rd Westbound					Scioto Darby Rd Northbound					Leap Rd Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2017-12-12 7:15AM	17	13	29	0	59	0	19	17	0	36	92	4	95	0	191	35	38	0	0	73	359
7:30AM	9	13	14	0	36	1	25	20	0	46	93	5	96	0	194	37	42	2	0	81	357
7:45AM	10	21	14	0	45	2	20	22	0	44	102	3	95	0	200	46	48	1	0	95	384
8:00AM	6	7	9	0	22	2	18	37	0	57	83	8	76	0	167	44	40	1	0	85	331
Total	42	54	66	0	162	5	82	96	0	183	370	20	362	0	752	162	168	4	0	334	1431
% Approach	25.9%	33.3%	40.7%	0%	-	2.7%	44.8%	52.5%	0%	-	49.2%	2.7%	48.1%	0%	-	48.5%	50.3%	1.2%	0%	-	-
% Total	2.9%	3.8%	4.6%	0%	11.3%	0.3%	5.7%	6.7%	0%	12.8%	25.9%	1.4%	25.3%	0%	52.6%	11.3%	11.7%	0.3%	0%	23.3%	-
PHF	0.618	0.643	0.569	-	0.686	0.625	0.820	0.649	-	0.803	0.907	0.625	0.943	-	0.940	0.880	0.875	0.500	-	0.879	0.932
Lights	41	51	65	0	157	5	77	93	0	175	359	18	349	0	726	157	164	4	0	325	1383
% Lights	97.6%	94.4%	98.5%	0%	96.9%	100%	93.9%	96.9%	0%	95.6%	97.0%	90.0%	96.4%	0%	96.5%	96.9%	97.6%	100%	0%	97.3%	96.6%
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	2
% Articulated Trucks	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.3%	0%	0.3%	0%	0.3%	0%	0%	0%	0%	0%	0.1%
Buses and Single-Unit Trucks	1	3	1	0	5	0	5	3	0	8	10	2	12	0	24	5	4	0	0	9	46
% Buses and Single-Unit Trucks	2.4%	5.6%	1.5%	0%	3.1%	0%	6.1%	3.1%	0%	4.4%	2.7%	10.0%	3.3%	0%	3.2%	3.1%	2.4%	0%	0%	2.7%	3.2%

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Scioto Darby Creek Rd & Leap Rd - TMC

Tue Dec 12, 2017

AM Peak (7:15AM - 8:15AM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 479431, Location: 40.018303, -83.135689



Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

[N] Darby Glen Blvd

Total: 191

In: 162 Out: 29

42 54 66

[W] Leap Rd

Total: 820

In: 334 Out: 486

4
168
162

5
82
96

Out: 604 In: 183

Total: 787

[E] Scioto Darby Rd

Out: 312

In: 752

Total: 1064

[S] Scioto Darby Rd

362 20 370

Scioto Darby Creek Rd & Leap Rd - TMC

Tue Dec 12, 2017

Midday Peak (12:30PM - 1:30PM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 479431, Location: 40.018303, -83.135689



Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg Direction	Darby Glen Blvd Southbound					Scioto Darby Rd Westbound					Scioto Darby Rd Northbound					Leap Rd Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2017-12-12 12:30PM	3	7	4	0	14	3	19	33	0	55	32	15	48	0	95	49	12	3	0	64	228
12:45PM	2	9	4	0	15	1	9	29	0	39	43	8	51	0	102	56	20	1	0	77	233
1:00PM	5	5	3	0	13	6	11	33	0	50	42	3	44	0	89	60	24	5	0	89	241
1:15PM	2	4	4	0	10	0	17	36	0	53	34	8	66	0	108	53	9	0	0	62	233
Total	12	25	15	0	52	10	56	131	0	197	151	34	209	0	394	218	65	9	0	292	935
% Approach	23.1%	48.1%	28.8%	0%	-	5.1%	28.4%	66.5%	0%	-	38.3%	8.6%	53.0%	0%	-	74.7%	22.3%	3.1%	0%	-	-
% Total	1.3%	2.7%	1.6%	0%	5.6%	1.1%	6.0%	14.0%	0%	21.1%	16.1%	3.6%	22.4%	0%	42.1%	23.3%	7.0%	1.0%	0%	31.2%	-
PHF	0.600	0.694	0.938	-	0.867	0.417	0.737	0.910	-	0.895	0.878	0.567	0.792	-	0.912	0.908	0.677	0.450	-	0.820	0.970
Lights	12	23	15	0	50	10	56	124	0	190	149	34	199	0	382	212	61	9	0	282	904
% Lights	100%	92.0%	100%	0%	96.2%	100%	100%	94.7%	0%	96.4%	98.7%	100%	95.2%	0%	97.0%	97.2%	93.8%	100%	0%	96.6%	96.7%
Articulated Trucks	0	1	0	0	1	0	0	1	0	1	0	0	3	0	3	1	3	0	0	4	9
% Articulated Trucks	0%	4.0%	0%	0%	1.9%	0%	0%	0.8%	0%	0.5%	0%	0%	1.4%	0%	0.8%	0.5%	4.6%	0%	0%	1.4%	1.0%
Buses and Single-Unit Trucks	0	1	0	0	1	0	0	6	0	6	2	0	7	0	9	5	1	0	0	6	22
% Buses and Single-Unit Trucks	0%	4.0%	0%	0%	1.9%	0%	0%	4.6%	0%	3.0%	1.3%	0%	3.3%	0%	2.3%	2.3%	1.5%	0%	0%	2.1%	2.4%

*L: Left, R: Right, T: Thru, U: U-Turn

Scioto Darby Creek Rd & Leap Rd - TMC

Tue Dec 12, 2017

Midday Peak (12:30PM - 1:30PM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 479431, Location: 40.018303, -83.135689



Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

[N] Darby Glen Blvd

Total: 105

In: 52 Out: 53

12 25 15

[W] Leap Rd

Total: 569

In: 292 Out: 277

9 65 218

10 56 131

Out: 231 In: 197

Total: 428

[E] Scioto Darby Rd

209 34 151

Out: 374

In: 394

Total: 768

[S] Scioto Darby Rd

Scioto Darby Creek Rd & Leap Rd - TMC

Tue Dec 12, 2017

PM Peak (5PM - 6PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 479431, Location: 40.018303, -83.135689



Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg Direction	Darby Glen Blvd Southbound					Scioto Darby Rd Westbound					Scioto Darby Rd Northbound					Leap Rd Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2017-12-12 5:00PM	4	24	8	0	36	15	45	61	0	121	57	12	49	0	118	82	20	1	0	103	378
5:15PM	4	48	9	0	61	13	69	67	0	149	44	17	61	0	122	54	17	0	0	71	403
5:30PM	8	32	10	0	50	8	54	70	0	132	46	12	48	0	106	75	17	0	0	92	380
5:45PM	6	19	12	0	37	21	49	59	0	129	49	14	39	0	102	93	21	2	0	116	384
Total	22	123	39	0	184	57	217	257	0	531	196	55	197	0	448	304	75	3	0	382	1545
% Approach	12.0%	66.8%	21.2%	0%	-	10.7%	40.9%	48.4%	0%	-	43.8%	12.3%	44.0%	0%	-	79.6%	19.6%	0.8%	0%	-	-
% Total	1.4%	8.0%	2.5%	0%	11.9%	3.7%	14.0%	16.6%	0%	34.4%	12.7%	3.6%	12.8%	0%	29.0%	19.7%	4.9%	0.2%	0%	24.7%	-
PHF	0.688	0.641	0.813	-	0.754	0.679	0.786	0.918	-	0.891	0.860	0.809	0.807	-	0.918	0.817	0.893	0.375	-	0.823	0.958
Lights	20	122	39	0	181	57	215	254	0	526	193	55	196	0	444	298	74	3	0	375	1526
% Lights	90.9%	99.2%	100%	0%	98.4%	100%	99.1%	98.8%	0%	99.1%	98.5%	100%	99.5%	0%	99.1%	98.0%	98.7%	100%	0%	98.2%	98.8%
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2
% Articulated Trucks	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.7%	0%	0%	0%	0.5%	0.1%
Buses and Single-Unit Trucks	2	1	0	0	3	0	2	3	0	5	3	0	1	0	4	4	1	0	0	5	17
% Buses and Single-Unit Trucks	9.1%	0.8%	0%	0%	1.6%	0%	0.9%	1.2%	0%	0.9%	1.5%	0%	0.5%	0%	0.9%	1.3%	1.3%	0%	0%	1.3%	1.1%

*L: Left, R: Right, T: Thru, U: U-Turn

Scioto Darby Creek Rd & Leap Rd - TMC

Tue Dec 12, 2017

PM Peak (5PM - 6PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 479431, Location: 40.018303, -83.135689



Provided by: Gewalt Hamilton Associates Inc.
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

[N] Darby Glen Blvd

Total: 299

In: 184 Out: 115

