

Appendix A

Signal Warrant Analysis

OMUTCD WARRANT 1, EIGHT-HOUR VEHICULAR VOLUME

Number of Lanes for Moving Traffic
on Each Approach

Major Street: 1 Lane

Minor Street: 1 Lane

Built up Isolated Community with Less Than 10,000 Population or Above 40 MPH on Major Street? **Yes**

**Only applicable after an adequate trial of other alternatives (See section 4C.02.06 of the 2012 OMUTCD)*

Lanes Major/ Minor	Adjusted Volumes		Condition A				Condition B				Combination A/B*							
			100%		70%		100%		70%		Cond. A		Cond. B		Cond. A		Cond. B	
	Major	Minor	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.
1 / 1	X		500	150	350	105	750	75	525	53	400	120	600	60	280	84	420	42
2+ / 1			600	150	420	105	900	75	630	53	480	120	720	60	336	84	504	42
2+ / 2+			600	200	420	140	900	100	630	70	480	160	720	80	336	112	504	56
1 / 2+			500	200	350	140	750	100	525	70	400	160	600	80	280	112	420	56
12:00 AM	0	0																
12:15 AM	0	0																
12:30 AM	0	0																
12:45 AM	0	0																
1:00 AM	0	0																
1:15 AM	0	0																
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3:30 AM	0	0																
3:45 AM	0	0																
4:00 AM	0	0																
4:15 AM	5	6																
4:30 AM	12	7																
4:45 AM	30	14																
5:00 AM	41	21																
5:15 AM	55	25																
5:30 AM	66	31																
5:45 AM	75	38																
6:00 AM	99	51																
6:15 AM	123	69																
6:30 AM	163	86																
6:45 AM	183	89																
7:00 AM	207	101																
7:15 AM	227	98																
7:30 AM	234	94																
7:45 AM	268	91																
8:00 AM	284	91													1	1		
8:15 AM	265	105																
8:30 AM	268	104																
8:45 AM	237	114																
9:00 AM	224	112																
9:15 AM	243	108																
9:30 AM	232	91																
9:45 AM	246	88																

10:00 AM	260	87																
10:15 AM	275	90																
10:30 AM	294	91											1	1				
10:45 AM	333	107																
11:00 AM	340	116																
11:15 AM	351	141			1	1												
11:30 AM	379	142											1	1				
11:45 AM	358	136																
12:00 PM	358	140																
12:15 PM	370	130			1	1												
12:30 PM	360	122											1	1				
12:45 PM	356	119																
1:00 PM	348	115																
1:15 PM	352	115			1	1												
1:30 PM	344	126											1	1				
1:45 PM	360	137																
2:00 PM	401	148							1	1								
2:15 PM	386	137			1	1												
2:30 PM	408	138											1	1				
2:45 PM	421	155														1	1	
3:00 PM	430	170							1	1								
3:15 PM	460	190			1	1												
3:30 PM	470	195											1	1				
3:45 PM	478	182														1	1	
4:00 PM	470	174							1	1								
4:15 PM	465	163			1	1												
4:30 PM	466	155											1	1				
4:45 PM	454	141														1	1	
5:00 PM	446	141							1	1								
5:15 PM	401	140			1	1												
5:30 PM	362	125											1	1				
5:45 PM	329	110																
6:00 PM	311	124																
6:15 PM	335	169																
6:30 PM	324	174											1	1				
6:45 PM	315	174																
7:00 PM	294	142																
7:15 PM	200	74																
7:30 PM	131	45																
7:45 PM	70	16																
8:00 PM	0	0																
8:15 PM	0	0																
8:30 PM	0	0																
8:45 PM	0	0																
9:00 PM	0	0																
9:15 PM	0	0																
9:30 PM	0	0																
9:45 PM	0	0																
HOURS MET			0	0	7	7	0	0	0	0	4	4	0	0	10	10	3	3
WARRANT SATISFIED?			NO		NO		NO		NO		NO		NO		NO		NO	

Warrant Met: **No**

Notes:

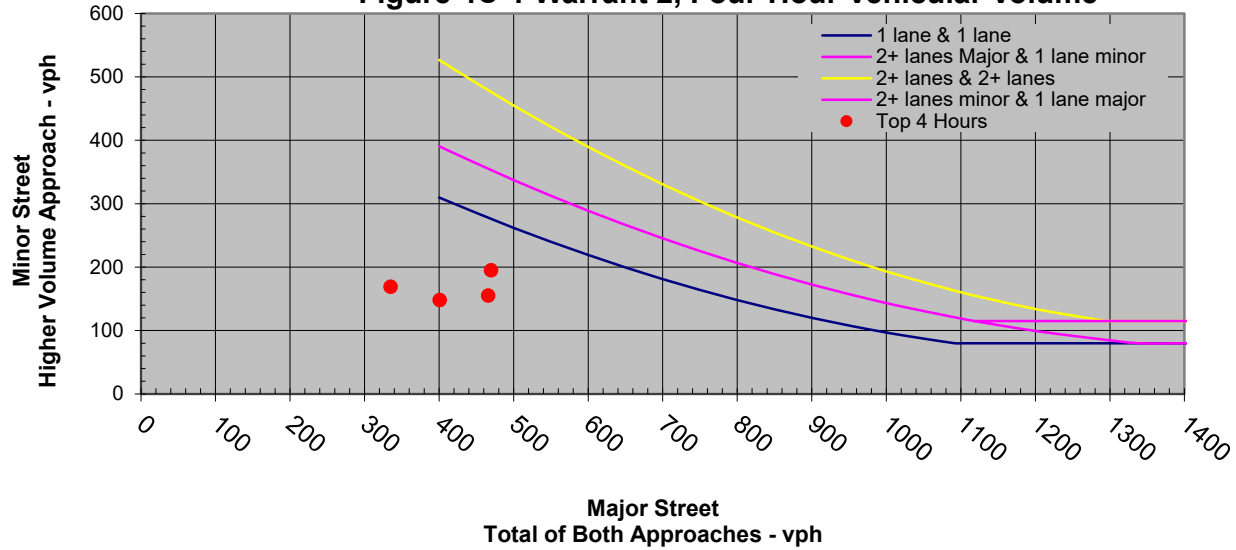
OMUTCD WARRANT 2, FOUR-HOUR VEHICULAR VOLUME

Number of Lanes for Moving Traffic on Each Approach	Total Number of Unique Hours Met on Figure 4C-1	0
Major street: 1 Lane	Total Number of Unique Hours Met on Figure 4C-2 (70% Factor)	3
Minor Street: 1 Lane		

Built up Isolated Community with Less Than 10,000 Population or Above 40 MPH on Major Street?**Yes**

Hour Interval Beginning At	Raw Traffic Counts				Total Major Approach Volumes	Highest Actual Minor Street Approach Volumes	Hour Met?	Hour Met? (70% Factor)
	Major - S Jefferson St		Minor - Water St					
	N-Bound	S-Bound	W-Bound	E-Bound				
6:00 AM	47	52	51	25	99	51		
6:15 AM	61	62	69	23	123	69		
6:30 AM	73	90	86	30	163	86		
6:45 AM	78	105	89	44	183	89		
7:00 AM	92	115	101	50	207	101		
7:15 AM	101	126	98	56	227	98		
7:30 AM	112	122	94	71	234	94		
7:45 AM	132	136	91	69	268	91		
8:00 AM	143	141	72	91	284	91		
8:15 AM	125	140	67	105	265	105		
8:30 AM	127	141	63	104	268	104		
8:45 AM	111	126	67	114	237	114		
9:00 AM	99	125	70	112	224	112		
9:15 AM	116	127	81	108	243	108		
9:30 AM	107	125	87	91	232	91		
9:45 AM	109	137	88	83	246	88		
10:00 AM	124	136	87	78	260	87		
10:15 AM	130	145	90	68	275	90		
10:30 AM	137	157	91	87	294	91		
10:45 AM	157	176	100	107	333	107		
11:00 AM	151	189	113	116	340	116		
11:15 AM	149	202	114	141	351	141		
11:30 AM	155	224	124	142	379	142		
11:45 AM	144	214	131	136	358	136		
12:00 PM	147	211	130	140	358	140		
12:15 PM	150	220	126	130	370	130		
12:30 PM	148	212	119	122	360	122		
12:45 PM	152	204	106	119	356	119		
1:00 PM	147	201	115	105	348	115		
1:15 PM	153	199	115	111	352	115		
1:30 PM	168	176	111	126	344	126		
1:45 PM	177	183	126	137	360	137		
2:00 PM	195	206	122	148	401	148		
2:15 PM	194	192	129	137	386	137		
2:30 PM	200	208	132	138	408	138		
2:45 PM	216	205	117	155	421	155		Met
3:00 PM	236	194	115	170	430	170		
3:15 PM	249	211	118	190	460	190		
3:30 PM	249	221	126	195	470	195		
3:45 PM	248	230	134	182	478	182		Met
4:00 PM	234	236	134	174	470	174		
4:15 PM	226	239	126	163	465	163		
4:30 PM	230	236	134	155	466	155		
4:45 PM	220	234	131	141	454	141		Met
5:00 PM	221	225	141	123	446	141		
5:15 PM	200	201	140	113	401	140		
5:30 PM	169	193	125	101	362	125		
5:45 PM	149	180	110	101	329	110		
6:00 PM	112	199	82	124	311	124		
6:15 PM	111	224	72	169	335	169		
6:30 PM	98	226	56	174	324	174		
6:45 PM	86	229	57	174	315	174		
7:00 PM	87	207	59	142	294	142		
7:15 PM	59	141	42	74	200	74		
7:30 PM	41	90	30	45	131	45		
7:45 PM	22	48	15	16	70	16		
8:00 PM	0	0	0	0	0	0		

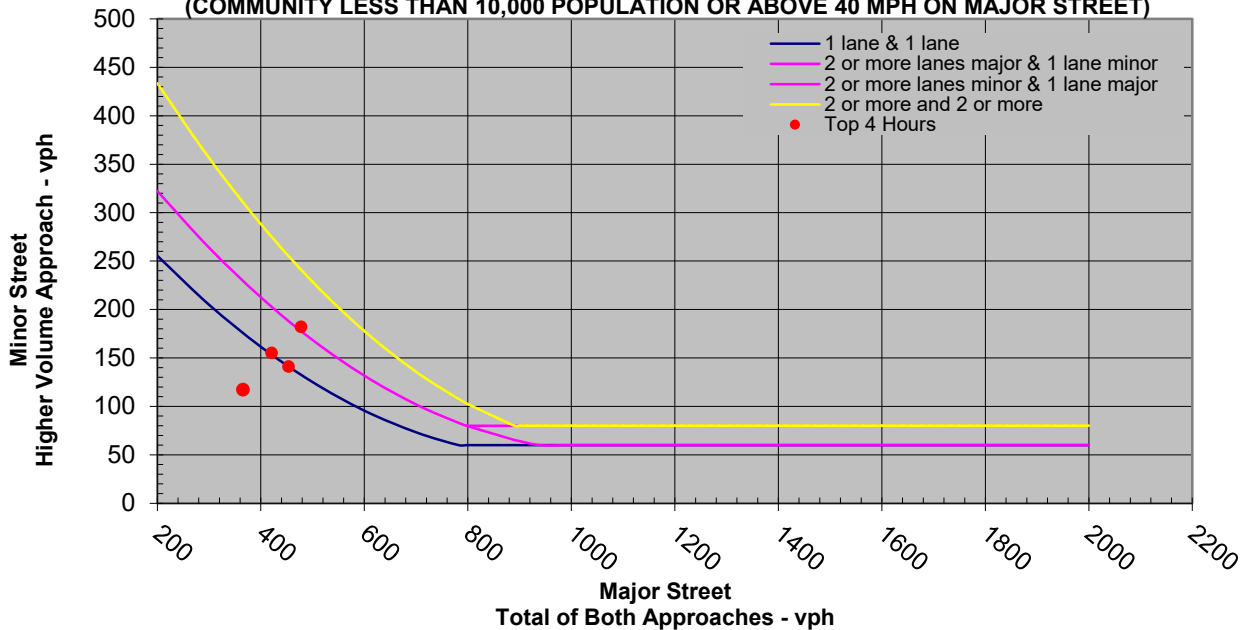
Figure 4C-1 Warrant 2, Four-Hour Vehicular Volume



Top Hours for Figure 4C-1	Start Time	End Time	Major Street	Minor Street
Top Hour	3:30 PM	4:30 PM	470	195
2nd Highest Hour	4:30 PM	5:30 PM	466	155
3rd Highest Hour	2:00 PM	3:00 PM	401	148
4th Highest Hour	6:15 PM	7:15 PM	335	169

Top Hours for Figure 4C-2	Start Time	End Time	Major Street	Minor Street
Top Hour	3:45 PM	4:45 PM	478	182
2nd Highest Hour	4:45 PM	5:45 PM	454	141
3rd Highest Hour	2:45 PM	3:45 PM	421	155
4th Highest Hour	12:00 AM	1:00 AM	0	174

**Figure 4C-2 Warrant 2 Four Hour Vehicular Volume (70% Factor)
(COMMUNITY LESS THAN 10,000 POPULATION OR ABOVE 40 MPH ON MAJOR STREET)**



Are the requirements for Warrant 2 met?: **No**

OMUTCD WARRANT 1, EIGHT-HOUR VEHICULAR VOLUME

Number of Lanes for Moving Traffic
on Each Approach

Major Street: 1 Lane

Minor Street: 1 Lane

Built up Isolated Community with Less Than 10,000 Population or Above 40 MPH on Major Street? **Yes**

*Only applicable after an adequate trial of other alternatives (See section 4C.02.06 of the 2012 OMUTCD)

Lanes Major/ Minor	Adjusted Volumes		Condition A				Condition B				Combination A/B*							
			100%		70%		100%		70%		Cond. A		Cond. B		Cond. A		Cond. B	
	Major	Minor	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.
1 / 1	X		500	150	350	105	750	75	525	53	400	120	600	60	280	84	420	42
2+ / 1			600	150	420	105	900	75	630	53	480	120	720	60	336	84	504	42
2+ / 2+			600	200	420	140	900	100	630	70	480	160	720	80	336	112	504	56
1 / 2+			500	200	350	140	750	100	525	70	400	160	600	80	280	112	420	56
12:00 AM	0	0																
12:15 AM	0	0																
12:30 AM	0	0																
12:45 AM	0	0																
1:00 AM	0	0																
1:15 AM	0	0																
1:30 AM	0	0																
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3:15 AM	0	0																
3:30 AM	0	0																
3:45 AM	0	0																
4:00 AM	0	0																
4:15 AM	44	1																
4:30 AM	91	4																
4:45 AM	161	9																
5:00 AM	223	14																
5:15 AM	266	20																
5:30 AM	307	25													1			
5:45 AM	323	26																
6:00 AM	369	27			1													
6:15 AM	397	30																
6:30 AM	401	32									1				1			
6:45 AM	433	39															1	
7:00 AM	458	46			1													
7:15 AM	446	47																
7:30 AM	443	54									1				1			
7:45 AM	445	55															1	1
8:00 AM	432	50			1													
8:15 AM	458	58																
8:30 AM	484	50									1				1			
8:45 AM	489	49															1	1
9:00 AM	496	49			1													
9:15 AM	495	48																
9:30 AM	498	49									1				1			
9:45 AM	496	50															1	1

US 36/Scioto/Miami & High, Sept 28, 2023

10:00 AM	505	68	1		1															
10:15 AM	502	68																		
10:30 AM	538	81							1	1	1				1					
10:45 AM	592	85															1	1		
11:00 AM	621	72	1		1								1	1						
11:15 AM	656	80																		
11:30 AM	648	82							1	1	1				1					
11:45 AM	624	85															1	1		
12:00 PM	611	92	1		1								1	1						
12:15 PM	588	80																		
12:30 PM	588	81							1	1	1				1					
12:45 PM	592	78															1	1		
1:00 PM	608	70	1		1								1	1						
1:15 PM	608	81																		
1:30 PM	610	73							1	1	1				1					
1:45 PM	582	83															1	1		
2:00 PM	572	102	1		1															
2:15 PM	621	116											1	1						
2:30 PM	633	141							1	1	1	1			1	1				
2:45 PM	700	158															1	1		
3:00 PM	756	147	1		1	1	1	1												
3:15 PM	763	138											1	1						
3:30 PM	773	120							1	1	1	1			1	1				
3:45 PM	776	99															1	1		
4:00 PM	749	101	1		1															
4:15 PM	727	101											1	1						
4:30 PM	752	98				1	1	1	1	1					1	1				
4:45 PM	726	99															1	1		
5:00 PM	727	95	1		1															
5:15 PM	743	76											1	1						
5:30 PM	713	63							1	1	1				1					
5:45 PM	689	55															1	1		
6:00 PM	635	48	1		1															
6:15 PM	558	48																		
6:30 PM	518	51									1				1					
6:45 PM	478	45															1	1		
7:00 PM	453	41			1															
7:15 PM	343	30																		
7:30 PM	218	18																		
7:45 PM	109	7																		
8:00 PM	0	0																		
8:15 PM	0	0																		
8:30 PM	0	0																		
8:45 PM	0	0																		
9:00 PM	0	0																		
9:15 PM	0	0																		
9:30 PM	0	0																		
9:45 PM	0	0																		
HOURS MET					9	0	14	1	2	2	8	8	13	2	7	7	14	3	13	12
WARRANT SATISFIED?			NO		NO		NO		YES		NO				NO					

Warrant Met: Yes

Notes: Condition B (70%) was met.

OMUTCD WARRANT 1, EIGHT-HOUR VEHICULAR VOLUME

Number of Lanes for Moving Traffic
on Each Approach

Major Street: 1 Lane

Minor Street: 1 Lane

Built up Isolated Community with Less Than 10,000 Population or Above 40 MPH on Major Street? **Yes**

*Only applicable after an adequate trial of other alternatives (See section 4C.02.06 of the 2012 OMUTCD)

Lanes Major/ Minor	Adjusted Volumes		Condition A				Condition B				Combination A/B*							
			100%		70%		100%		70%		Cond. A		Cond. B		Cond. A		Cond. B	
	Major	Minor	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.
1 / 1	X		500	150	350	105	750	75	525	53	400	120	600	60	280	84	420	42
2+ / 1			600	150	420	105	900	75	630	53	480	120	720	60	336	84	504	42
2+ / 2+			600	200	420	140	900	100	630	70	480	160	720	80	336	112	504	56
1 / 2+			500	200	350	140	750	100	525	70	400	160	600	80	280	112	420	56
12:00 AM	0	0																
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5:15 AM	60	20																
5:30 AM	106	42																
5:45 AM	189	57																
6:00 AM	276	85																
6:15 AM	307	91													1	1		
6:30 AM	354	90			1													
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7:30 AM	375	111			1	1												
7:45 AM	360	106																
8:00 AM	370	94																
8:15 AM	403	101									1				1	1		
8:30 AM	390	93			1													
8:45 AM	405	97																
9:00 AM	404	89																
9:15 AM	291	58													1			
9:30 AM	216	39																
9:45 AM	109	14																

10:00 AM	0	0																
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12:15 PM	0	0																
12:30 PM	0	0																
12:45 PM	0	0																
1:00 PM	0	0																
1:15 PM	124	25																
1:30 PM	242	48																
1:45 PM	363	88			1									1	1			
2:00 PM	528	120	1						1	1	1	1					1	1
2:15 PM	591	137																
2:30 PM	611	150											1	1				
2:45 PM	690	139			1	1									1	1		
3:00 PM	698	149	1						1	1	1	1					1	1
3:15 PM	700	137																
3:30 PM	732	133											1	1				
3:45 PM	704	127			1	1									1	1		
4:00 PM	693	122	1						1	1	1	1					1	1
4:15 PM	671	125																
4:30 PM	653	126											1	1				
4:45 PM	653	124			1	1									1	1		
5:00 PM	621	104	1						1	1	1						1	1
5:15 PM	587	93																
5:30 PM	559	85																
5:45 PM	488	80			1									1				
6:00 PM	466	81								1							1	1
6:15 PM	333	59																
6:30 PM	209	34																
6:45 PM	108	18																
7:00 PM	0	0																
7:15 PM	0	0																
7:30 PM	0	0																
7:45 PM	0	0																
8:00 PM	0	0																
8:15 PM	0	0																
8:30 PM	0	0																
8:45 PM	0	0																
9:00 PM	0	0																
9:15 PM	0	0																
9:30 PM	0	0																
9:45 PM	0	0																
HOURS MET			4	0	8	4	0	0	4	4	6	3	3	3	9	7	5	5
WARRANT SATISFIED?			NO		NO		NO		NO		NO		NO		NO			

Warrant Met: **No**

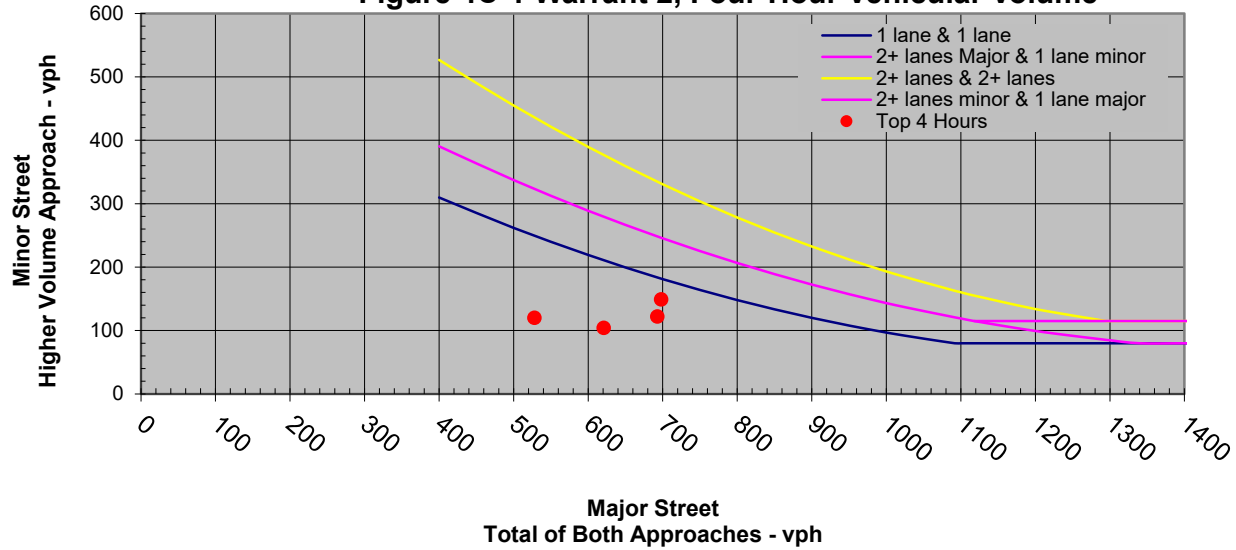
Notes:

OMUTCD WARRANT 2, FOUR-HOUR VEHICULAR VOLUME

Number of Lanes for Moving Traffic on Each Approach	Total Number of Unique Hours Met on Figure 4C-1	0
Major street: 1 Lane	Total Number of Unique Hours Met on Figure 4C-2 (70% Factor)	4
Minor Street: 1 Lane		

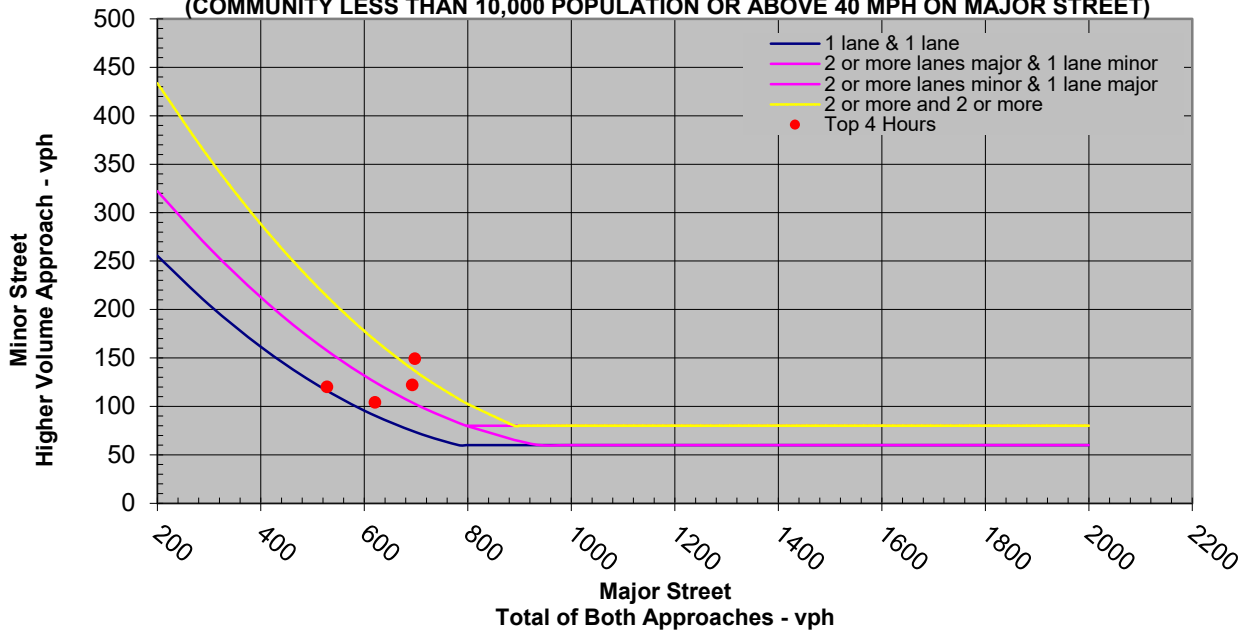
Built up Isolated Community with Less Than 10,000 Population or Above 40 MPH on Major Street?	Yes
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Hour Interval Beginning At	Raw Traffic Counts				Total Major Approach Volumes	Highest Actual Minor Street Approach Volumes	Hour Met?	Hour Met? (70% Factor)
	Minor - Oakland St		Major - Miami St					
	N-Bound	S-Bound	W-Bound	E-Bound				
6:00 AM	0	85	139	137	276	85		
6:15 AM	0	91	149	158	307	91		
6:30 AM	0	90	170	184	354	90		
6:45 AM	0	101	183	195	378	101		
7:00 AM	0	107	180	211	391	107		
7:15 AM	0	105	179	201	380	105		
7:30 AM	0	111	187	188	375	111		
7:45 AM	0	106	174	186	360	106		
8:00 AM	0	94	194	176	370	94		
8:15 AM	0	101	206	197	403	101		
8:30 AM	0	93	190	200	390	93		
8:45 AM	0	97	207	198	405	97		
9:00 AM	0	89	213	191	404	89		
9:15 AM	0	58	160	131	291	58		
9:30 AM	0	39	122	94	216	39		
9:45 AM	0	14	63	46	109	14		
10:00 AM	0	0	0	0	0	0		
10:15 AM	0	0	0	0	0	0		
10:30 AM	0	0	0	0	0	0		
10:45 AM	0	0	0	0	0	0		
11:00 AM	0	0	0	0	0	0		
11:15 AM	0	0	0	0	0	0		
11:30 AM	0	0	0	0	0	0		
11:45 AM	0	0	0	0	0	0		
12:00 PM	0	0	0	0	0	0		
12:15 PM	0	0	0	0	0	0		
12:30 PM	0	0	0	0	0	0		
12:45 PM	0	0	0	0	0	0		
1:00 PM	0	0	0	0	0	0		
1:15 PM	0	25	78	46	124	25		
1:30 PM	0	48	149	93	242	48		
1:45 PM	0	88	225	138	363	88		
2:00 PM	0	120	327	201	528	120		Met
2:15 PM	0	137	362	229	591	137		
2:30 PM	0	150	385	226	611	150		
2:45 PM	0	139	415	275	690	139		
3:00 PM	0	149	409	289	698	149		Met
3:15 PM	0	137	393	307	700	137		
3:30 PM	0	133	412	320	732	133		
3:45 PM	0	127	412	292	704	127		
4:00 PM	0	122	414	279	693	122		Met
4:15 PM	0	125	414	257	671	125		
4:30 PM	0	126	394	259	653	126		
4:45 PM	0	124	392	261	653	124		
5:00 PM	0	104	363	258	621	104		Met
5:15 PM	0	93	357	230	587	93		
5:30 PM	0	85	344	215	559	85		
5:45 PM	0	80	308	180	488	80		
6:00 PM	0	81	306	160	466	81		
6:15 PM	0	59	215	118	333	59		
6:30 PM	0	34	135	74	209	34		
6:45 PM	0	18	67	41	108	18		
7:00 PM	0	0	0	0	0	0		
7:15 PM	0	0	0	0	0	0		
7:30 PM	0	0	0	0	0	0		
7:45 PM	0	0	0	0	0	0		
8:00 PM	0	0	0	0	0	0		

Figure 4C-1 Warrant 2, Four-Hour Vehicular Volume

Top Hours for Figure 4C-1	Start Time	End Time	Major Street	Minor Street
Top Hour	3:00 PM	4:00 PM	698	149
2nd Highest Hour	4:00 PM	5:00 PM	693	122
3rd Highest Hour	5:00 PM	6:00 PM	621	104
4th Highest Hour	2:00 PM	3:00 PM	528	120

Top Hours for Figure 4C-2	Start Time	End Time	Major Street	Minor Street
Top Hour	3:00 PM	4:00 PM	698	149
2nd Highest Hour	4:00 PM	5:00 PM	693	122
3rd Highest Hour	5:00 PM	6:00 PM	621	104
4th Highest Hour	2:00 PM	3:00 PM	528	120

**Figure 4C-2 Warrant 2 Four Hour Vehicular Volume (70% Factor)
(COMMUNITY LESS THAN 10,000 POPULATION OR ABOVE 40 MPH ON MAJOR STREET)**Are the requirements for Warrant 2 met?: **Yes**

OMUTCD WARRANT 1, EIGHT-HOUR VEHICULAR VOLUME

Number of Lanes for Moving Traffic
on Each Approach

Major Street: 1 Lane

Minor Street: 1 Lane

Built up Isolated Community with Less Than 10,000 Population or Above 40 MPH on Major Street? **No**

*Only applicable after an adequate trial of other alternatives (See section 4C.02.06 of the 2012 OMUTCD)

Lanes Major/ Minor	Adjusted Volumes		Condition A				Condition B				Combination A/B*							
			100%		70%		100%		70%		Cond. A		Cond. B		Cond. A		Cond. B	
	Major	Minor	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.
1 / 1	X		500	150	350	105	750	75	525	53	400	120	600	60	280	84	420	42
2+ / 1			600	150	420	105	900	75	630	53	480	120	720	60	336	84	504	42
2+ / 2+			600	200	420	140	900	100	630	70	480	160	720	80	336	112	504	56
1 / 2+			500	200	350	140	750	100	525	70	400	160	600	80	280	112	420	56
12:00 AM	0	0																
12:15 AM	0	0																
12:30 AM	0	0																
12:45 AM	0	0																
1:00 AM	0	0																
1:15 AM	0	0																
1:30 AM	0	0																
1:45 AM	0	0																
2:00 AM	0	0																
2:15 AM	0	0																
2:30 AM	0	0																
2:45 AM	0	0																
3:00 AM	0	0																
3:15 AM	0	0																
3:30 AM	0	0																
3:45 AM	0	0																
4:00 AM	0	0																
4:15 AM	53	5																
4:30 AM	116	12																
4:45 AM	182	23																
5:00 AM	261	27																
5:15 AM	284	31													1			
5:30 AM	321	31																
5:45 AM	403	25			1						1							
6:00 AM	486	30															1	
6:15 AM	571	40	1						1						1			
6:30 AM	667	56											1					
6:45 AM	712	74			1						1							
7:00 AM	738	92															1	1
7:15 AM	769	98	1				1	1	1	1					1	1		
7:30 AM	766	116											1	1				
7:45 AM	758	110			1	1					1							
8:00 AM	757	102															1	1
8:15 AM	751	98	1				1	1	1	1					1	1		
8:30 AM	712	69											1	1				
8:45 AM	702	73			1						1							
9:00 AM	686	81															1	1
9:15 AM	694	83	1						1	1					1			
9:30 AM	723	92											1	1				
9:45 AM	766	92			1		1	1			1							

10:00 AM	800	93															1	1
10:15 AM	847	100	1						1	1					1	1		
10:30 AM	900	124										1	1					
10:45 AM	931	125			1	1	1	1			1	1						
11:00 AM	1001	124															1	1
11:15 AM	1028	128	1						1	1					1	1		
11:30 AM	1050	108										1	1					
11:45 AM	1030	106			1	1	1	1			1							
12:00 PM	996	110															1	1
12:15 PM	957	112	1						1	1					1	1		
12:30 PM	939	104										1	1					
12:45 PM	966	119			1	1	1	1			1							
1:00 PM	961	110															1	1
1:15 PM	969	109	1						1	1					1	1		
1:30 PM	974	118										1	1					
1:45 PM	955	118			1	1	1	1			1							
2:00 PM	981	141															1	1
2:15 PM	1017	145	1						1	1					1	1		
2:30 PM	1051	151										1	1					
2:45 PM	1066	163			1	1	1	1			1	1						
3:00 PM	1097	155															1	1
3:15 PM	1163	157	1	1					1	1					1	1		
3:30 PM	1227	162										1	1					
3:45 PM	1282	150			1	1	1	1			1	1						
4:00 PM	1282	146															1	1
4:15 PM	1273	137	1						1	1					1	1		
4:30 PM	1228	133										1	1					
4:45 PM	1219	141			1	1	1	1			1	1						
5:00 PM	1204	130															1	1
5:15 PM	1126	134	1						1	1					1	1		
5:30 PM	1059	140										1	1					
5:45 PM	992	131			1	1	1	1			1	1						
6:00 PM	934	149															1	1
6:15 PM	898	158	1	1					1	1					1	1		
6:30 PM	859	175										1	1					
6:45 PM	793	184			1	1	1	1			1	1						
7:00 PM	728	183															1	1
7:15 PM	512	138	1												1	1		
7:30 PM	320	82																
7:45 PM	155	39																
8:00 PM	0	0																
8:15 PM	0	0																
8:30 PM	0	0																
8:45 PM	0	0																
9:00 PM	0	0																
9:15 PM	0	0																
9:30 PM	0	0																
9:45 PM	0	0																
HOURS MET			14	2	14	10	12	12	13	12	14	6	13	12	15	12	14	13
WARRANT SATISFIED?			NO		N/A		YES		N/A		NO			YES				

Warrant Met: **Yes**

Notes: Condition B was met.

OMUTCD WARRANT 1, EIGHT-HOUR VEHICULAR VOLUME

Number of Lanes for Moving Traffic
on Each Approach

Major Street: 2 or More Lanes

Minor Street: 1 Lane

Built up Isolated Community with Less Than 10,000 Population or Above 40 MPH on Major Street? **Yes**

*Only applicable after an adequate trial of other alternatives (See section 4C.02.06 of the 2012 OMUTCD)

Lanes Major/ Minor	Adjusted Volumes		Condition A				Condition B				Combination A/B*							
			100%		70%		100%		70%		Cond. A		Cond. B		Cond. A		Cond. B	
	Major	Minor	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.
1 / 1			500	150	350	105	750	75	525	53	400	120	600	60	280	84	420	42
2+ / 1	X		600	150	420	105	900	75	630	53	480	120	720	60	336	84	504	42
2+ / 2+			600	200	420	140	900	100	630	70	480	160	720	80	336	112	504	56
1 / 2+			500	200	350	140	750	100	525	70	400	160	600	80	280	112	420	56
12:00 AM	0	0																
12:15 AM	0	0																
12:30 AM	0	0																
12:45 AM	0	0																
1:00 AM	0	0																
1:15 AM	0	0																
1:30 AM	0	0																
1:45 AM	0	0																
2:00 AM	0	0																
2:15 AM	0	0																
2:30 AM	0	0																
2:45 AM	0	0																
3:00 AM	0	0																
3:15 AM	0	0																
3:30 AM	0	0																
3:45 AM	0	0																
4:00 AM	0	0																
4:15 AM	61	4																
4:30 AM	131	5																
4:45 AM	212	9																
5:00 AM	310	14																
5:15 AM	348	16													1			
5:30 AM	379	20																
5:45 AM	459	24			1													
6:00 AM	544	27									1						1	
6:15 AM	651	26	1						1						1			
6:30 AM	761	29											1					
6:45 AM	784	35			1													
7:00 AM	838	46									1						1	1
7:15 AM	835	47	1						1						1			
7:30 AM	881	53											1					
7:45 AM	978	50			1		1											
8:00 AM	1043	47									1						1	1
8:15 AM	1084	60	1						1	1					1			
8:30 AM	1116	58											1					
8:45 AM	1148	55			1		1											
9:00 AM	1157	59									1						1	1
9:15 AM	1223	57	1						1	1					1			
9:30 AM	1267	61											1	1				
9:45 AM	1296	65			1		1											

10:00 AM	1358	58								1						1	1			
10:15 AM	1399	58	1						1	1				1						
10:30 AM	1437	53										1								
10:45 AM	1478	58			1		1													
11:00 AM	1498	63								1						1	1			
11:15 AM	1559	67	1						1	1				1						
11:30 AM	1564	71										1	1							
11:45 AM	1572	69			1		1													
12:00 PM	1581	71								1						1	1			
12:15 PM	1577	64	1						1	1				1						
12:30 PM	1538	64										1	1							
12:45 PM	1504	62			1		1													
1:00 PM	1453	60								1						1	1			
1:15 PM	1427	58	1						1	1				1						
1:30 PM	1452	55										1								
1:45 PM	1475	55			1		1													
2:00 PM	1515	55								1						1	1			
2:15 PM	1587	61	1						1	1				1						
2:30 PM	1672	60										1	1							
2:45 PM	1700	65			1		1													
3:00 PM	1778	67								1						1	1			
3:15 PM	1765	68	1						1	1				1						
3:30 PM	1774	68										1	1							
3:45 PM	1818	72			1		1													
4:00 PM	1812	63								1						1	1			
4:15 PM	1823	60	1						1	1				1						
4:30 PM	1779	66										1	1							
4:45 PM	1712	57			1		1													
5:00 PM	1645	58								1						1	1			
5:15 PM	1556	57	1						1	1				1						
5:30 PM	1475	44										1								
5:45 PM	1378	38			1		1													
6:00 PM	1245	35								1						1				
6:15 PM	1119	36	1						1					1						
6:30 PM	993	30										1								
6:45 PM	892	24			1															
7:00 PM	792	18								1						1				
7:15 PM	555	11												1						
7:30 PM	350	4																		
7:45 PM	163	2																		
8:00 PM	0	0																		
8:15 PM	0	0																		
8:30 PM	0	0																		
8:45 PM	0	0																		
9:00 PM	0	0																		
9:15 PM	0	0																		
9:30 PM	0	0																		
9:45 PM	0	0																		
HOURS MET					13	0	14	0	11	0	13	10	14	0	13	6	15	0	14	11
WARRANT SATISFIED?					NO		NO		NO		YES		NO			NO				

Warrant Met: **Yes**

Notes: Condition B (70%) was met.

OMUTCD WARRANT 1, EIGHT-HOUR VEHICULAR VOLUME

Number of Lanes for Moving Traffic
on Each Approach

Major Street: 2 or More Lanes

Minor Street: 1 Lane

Built up Isolated Community with Less Than 10,000 Population or Above 40 MPH on Major Street? **No**

*Only applicable after an adequate trial of other alternatives (See section 4C.02.06 of the 2012 OMUTCD)

Lanes Major/ Minor	Adjusted Volumes		Condition A				Condition B				Combination A/B*							
			100%		70%		100%		70%		Cond. A		Cond. B		Cond. A		Cond. B	
	Major	Minor	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.
1 / 1			500	150	350	105	750	75	525	53	400	120	600	60	280	84	420	42
2+ / 1	X		600	150	420	105	900	75	630	53	480	120	720	60	336	84	504	42
2+ / 2+			600	200	420	140	900	100	630	70	480	160	720	80	336	112	504	56
1 / 2+			500	200	350	140	750	100	525	70	400	160	600	80	280	112	420	56
12:00 AM	0	0																
12:15 AM	0	0																
12:30 AM	0	0																
12:45 AM	0	0																
1:00 AM	0	0																
1:15 AM	0	0																
1:30 AM	0	0																
1:45 AM	0	0																
2:00 AM	0	0																
2:15 AM	0	0																
2:30 AM	0	0																
2:45 AM	0	0																
3:00 AM	0	0																
3:15 AM	0	0																
3:30 AM	0	0																
3:45 AM	0	0																
4:00 AM	0	0																
4:15 AM	75	11																
4:30 AM	205	16																
4:45 AM	352	24													1			
5:00 AM	528	36			1						1						1	
5:15 AM	622	72	1															
5:30 AM	708	94							1	1								
5:45 AM	799	128											1	1	1	1		
6:00 AM	892	143			1	1					1	1					1	1
6:15 AM	1003	128	1				1	1										
6:30 AM	1111	137							1	1								
6:45 AM	1104	126											1	1	1	1		
7:00 AM	1118	129			1	1					1	1					1	1
7:15 AM	1110	139	1				1	1										
7:30 AM	1124	153							1	1								
7:45 AM	1181	170											1	1	1	1		
8:00 AM	1123	178			1	1					1	1					1	1
8:15 AM	1069	175	1	1			1	1										
8:30 AM	922	153							1	1								
8:45 AM	878	134											1	1	1	1		
9:00 AM	843	128			1	1					1	1					1	1
9:15 AM	807	115	1															
9:30 AM	806	121							1	1								
9:45 AM	776	139											1	1	1	1		

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10:00 AM	780	138			1	1					1	1					1	1
10:15 AM	794	169	1	1														
10:30 AM	803	184							1	1								
10:45 AM	804	177											1	1	1	1		
11:00 AM	852	205			1	1					1	1					1	1
11:15 AM	913	200	1	1			1	1										
11:30 AM	936	204							1	1								
11:45 AM	950	208											1	1	1	1		
12:00 PM	934	188			1	1					1	1					1	1
12:15 PM	907	170	1	1			1	1										
12:30 PM	940	150							1	1								
12:45 PM	957	162											1	1	1	1		
1:00 PM	968	170			1	1					1	1					1	1
1:15 PM	1007	189	1	1			1	1										
1:30 PM	1019	217							1	1								
1:45 PM	1089	241											1	1	1	1		
2:00 PM	1164	253			1	1					1	1					1	1
2:15 PM	1209	306	1	1			1	1										
2:30 PM	1240	323							1	1								
2:45 PM	1293	362											1	1	1	1		
3:00 PM	1316	385			1	1					1	1					1	1
3:15 PM	1292	378	1	1			1	1										
3:30 PM	1231	347							1	1								
3:45 PM	1171	289											1	1	1	1		
4:00 PM	1154	252			1	1					1	1					1	1
4:15 PM	1156	239	1	1			1	1										
4:30 PM	1202	228							1	1								
4:45 PM	1148	216											1	1	1	1		
5:00 PM	1045	188			1	1					1	1					1	1
5:15 PM	961	149	1				1	1										
5:30 PM	857	141							1	1								
5:45 PM	759	121											1	1	1	1		
6:00 PM	699	121			1	1					1	1					1	1
6:15 PM	653	101	1															
6:30 PM	650	92							1	1								
6:45 PM	619	74													1			
7:00 PM	622	78			1						1						1	1
7:15 PM	596	71																
7:30 PM	557	66																
7:45 PM	538	68													1			
8:00 PM	490	57			1						1							
8:15 PM	354	37																
8:30 PM	217	23																
8:45 PM	110	10																
9:00 PM	0	0																
9:15 PM	0	0																
9:30 PM	0	0																
9:45 PM	0	0																
HOURS MET			14	8	16	13	10	10	14	14	16	13	13	13	16	13	15	14
WARRANT SATISFIED?			YES		N/A		YES		N/A		YES			YES				

Warrant Met: Yes

Notes: Condition A was met. Condition B was met. Combination of A/B (80%) was met.*

OMUTCD WARRANT 1, EIGHT-HOUR VEHICULAR VOLUME

Number of Lanes for Moving Traffic
on Each Approach

Major Street: 1 Lane

Minor Street: 1 Lane

Built up Isolated Community with Less Than 10,000 Population or Above 40 MPH on Major Street? **Yes**

*Only applicable after an adequate trial of other alternatives (See section 4C.02.06 of the 2012 OMUTCD)

Lanes Major/ Minor	Adjusted Volumes		Condition A				Condition B				Combination A/B*							
			100%		70%		100%		70%		Cond. A		Cond. B		Cond. A		Cond. B	
	Major	Minor	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.
1 / 1	X		500	150	350	105	750	75	525	53	400	120	600	60	280	84	420	42
2+ / 1			600	150	420	105	900	75	630	53	480	120	720	60	336	84	504	42
2+ / 2+			600	200	420	140	900	100	630	70	480	160	720	80	336	112	504	56
1 / 2+			500	200	350	140	750	100	525	70	400	160	600	80	280	112	420	56
12:00 AM	0	0																
12:15 AM	0	0																
12:30 AM	0	0																
12:45 AM	0	0																
1:00 AM	0	0																
1:15 AM	0	0																
1:30 AM	0	0																
1:45 AM	0	0																
2:00 AM	0	0																
2:15 AM	0	0																
2:30 AM	0	0																
2:45 AM	0	0																
3:00 AM	0	0																
3:15 AM	0	0																
3:30 AM	0	0																
3:45 AM	0	0																
4:00 AM	0	0																
4:15 AM	49	2																
4:30 AM	106	4																
4:45 AM	184	4																
5:00 AM	265	8																
5:15 AM	289	9													1			
5:30 AM	326	9																
5:45 AM	390	11			1													
6:00 AM	462	10									1						1	
6:15 AM	546	14	1						1						1			
6:30 AM	641	18											1					
6:45 AM	673	20			1													
7:00 AM	697	23									1						1	
7:15 AM	712	20	1						1						1			
7:30 AM	720	20											1					
7:45 AM	717	23			1													
8:00 AM	710	22									1						1	
8:15 AM	707	21	1						1						1			
8:30 AM	686	22											1					
8:45 AM	692	17			1													
9:00 AM	683	20									1						1	
9:15 AM	703	25	1						1						1			
9:30 AM	711	25											1					
9:45 AM	727	29			1													

10:00 AM	754	29					1			1					1											
10:15 AM	769	26	1						1					1												
10:30 AM	799	30										1														
10:45 AM	828	28			1																					
11:00 AM	889	25					1			1					1											
11:15 AM	940	27	1						1					1												
11:30 AM	961	22										1														
11:45 AM	946	24			1																					
12:00 PM	931	26					1			1					1											
12:15 PM	894	25	1						1					1												
12:30 PM	879	23										1														
12:45 PM	891	23			1																					
1:00 PM	870	23					1			1					1											
1:15 PM	851	21	1						1					1												
1:30 PM	839	26										1														
1:45 PM	834	35			1																					
2:00 PM	858	36					1			1					1											
2:15 PM	898	40	1						1					1												
2:30 PM	954	37										1														
2:45 PM	965	37			1																					
3:00 PM	970	45					1			1					1	1										
3:15 PM	1020	49	1						1					1												
3:30 PM	1015	50										1														
3:45 PM	1065	43			1																					
4:00 PM	1045	38					1			1					1											
4:15 PM	1024	26	1						1					1												
4:30 PM	1029	31										1														
4:45 PM	983	40			1																					
5:00 PM	992	47					1			1					1	1										
5:15 PM	939	42	1						1					1												
5:30 PM	862	36										1														
5:45 PM	843	25			1																					
6:00 PM	810	15					1			1					1											
6:15 PM	778	18	1						1					1												
6:30 PM	765	19										1														
6:45 PM	705	30			1																					
7:00 PM	632	40								1					1											
7:15 PM	449	33												1												
7:30 PM	275	26																								
7:45 PM	125	12																								
8:00 PM	0	0																								
8:15 PM	0	0																								
8:30 PM	0	0																								
8:45 PM	0	0																								
9:00 PM	0	0																								
9:15 PM	0	0																								
9:30 PM	0	0																								
9:45 PM	0	0																								
HOURS MET			13		0	14		0	9		0	13		0	14		0	13		0	15		0	14		2
WARRANT SATISFIED?			NO		NO		NO		NO		NO				NO											

Warrant Met: **No**

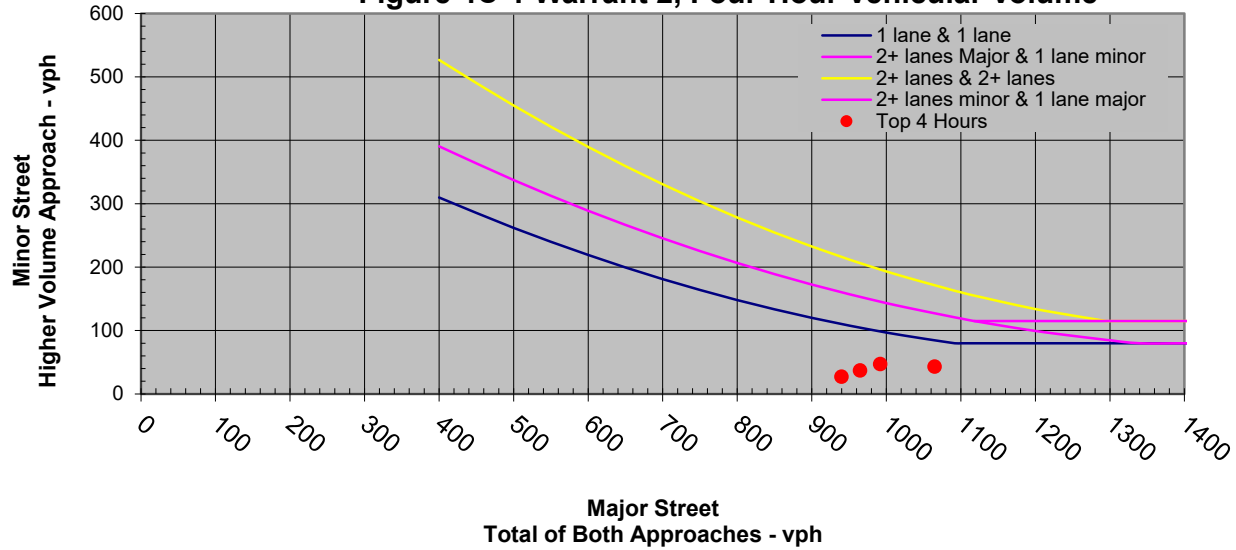
Notes:

OMUTCD WARRANT 2, FOUR-HOUR VEHICULAR VOLUME

Number of Lanes for Moving Traffic on Each Approach	Total Number of Unique Hours Met on Figure 4C-1	0
Major street: 1 Lane	Total Number of Unique Hours Met on Figure 4C-2 (70% Factor)	0
Minor Street: 1 Lane		

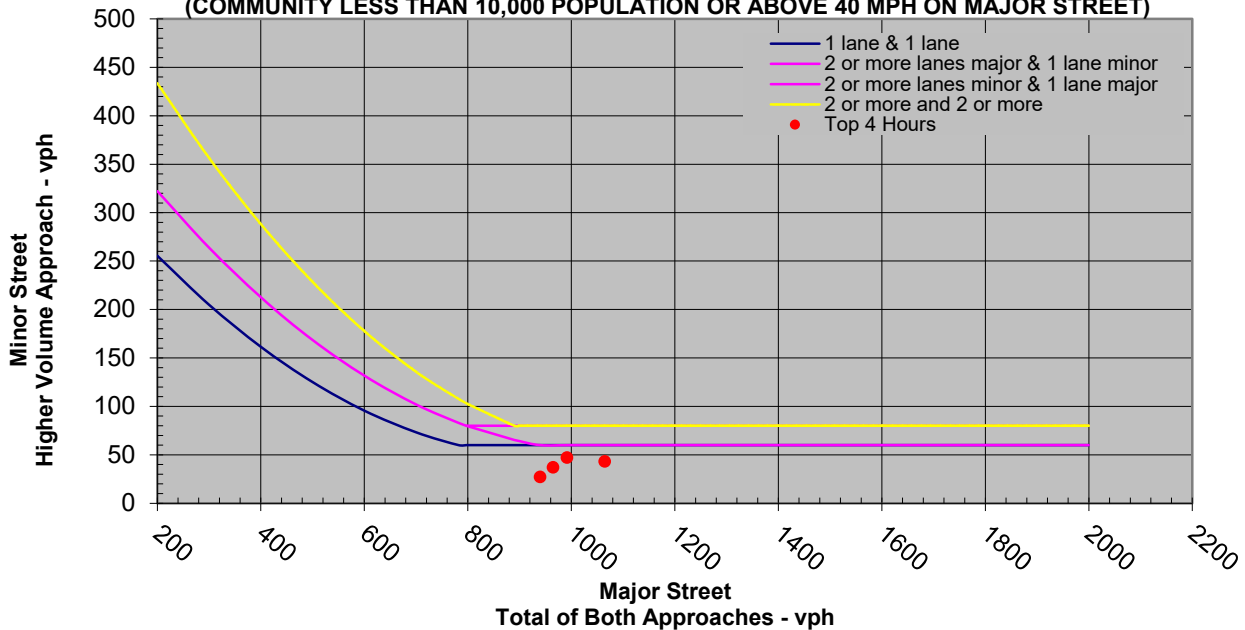
Built up Isolated Community with Less Than 10,000 Population or Above 40 MPH on Major Street?	Yes
--	------------

Hour Interval Beginning At	Raw Traffic Counts				Total Major Approach Volumes	Highest Actual Minor Street Approach Volumes	Hour Met?	Hour Met? (70% Factor)
	Minor - Kenton St		Major - Scioto St					
	N-Bound	S-Bound	W-Bound	E-Bound				
6:00 AM	4	10	231	231	462	10		
6:15 AM	9	14	271	275	546	14		
6:30 AM	12	18	314	327	641	18		
6:45 AM	11	20	322	351	673	20		
7:00 AM	12	23	342	355	697	23		
7:15 AM	13	20	346	366	712	20		
7:30 AM	11	20	351	369	720	20		
7:45 AM	15	23	347	370	717	23		
8:00 AM	14	22	328	382	710	22		
8:15 AM	10	21	324	383	707	21		
8:30 AM	12	22	306	380	686	22		
8:45 AM	8	17	318	374	692	17		
9:00 AM	8	20	319	364	683	20		
9:15 AM	7	25	332	371	703	25		
9:30 AM	6	25	354	357	711	25		
9:45 AM	11	29	358	369	727	29		
10:00 AM	17	29	378	376	754	29		
10:15 AM	21	26	384	385	769	26		
10:30 AM	30	28	385	414	799	30		
10:45 AM	28	26	396	432	828	28		
11:00 AM	25	23	436	453	889	25		
11:15 AM	27	24	452	488	940	27		
11:30 AM	22	21	471	490	961	22		
11:45 AM	24	20	470	476	946	24		
12:00 PM	26	22	463	468	931	26		
12:15 PM	25	23	468	426	894	25		
12:30 PM	22	23	463	416	879	23		
12:45 PM	19	23	455	436	891	23		
1:00 PM	19	23	426	444	870	23		
1:15 PM	21	21	406	445	851	21		
1:30 PM	26	22	383	456	839	26		
1:45 PM	35	25	397	437	834	35		
2:00 PM	36	25	418	440	858	36		
2:15 PM	40	28	438	460	898	40		
2:30 PM	37	30	483	471	954	37		
2:45 PM	37	32	472	493	965	37		
3:00 PM	45	35	479	491	970	45		
3:15 PM	49	37	507	513	1020	49		
3:30 PM	50	34	508	507	1015	50		
3:45 PM	43	31	549	516	1065	43		
4:00 PM	38	28	532	513	1045	38		
4:15 PM	26	25	533	491	1024	26		
4:30 PM	24	31	526	503	1029	31		
4:45 PM	28	40	500	483	983	40		
5:00 PM	23	47	505	487	992	47		
5:15 PM	27	42	476	463	939	42		
5:30 PM	27	36	433	429	862	36		
5:45 PM	19	25	431	412	843	25		
6:00 PM	15	13	434	376	810	15		
6:15 PM	7	18	413	365	778	18		
6:30 PM	9	19	428	337	765	19		
6:45 PM	11	30	399	306	705	30		
7:00 PM	19	40	359	273	632	40		
7:15 PM	19	33	265	184	449	33		
7:30 PM	12	26	161	114	275	26		
7:45 PM	9	12	77	48	125	12		
8:00 PM	0	0	0	0	0	0		

Figure 4C-1 Warrant 2, Four-Hour Vehicular Volume

Top Hours for Figure 4C-1	Start Time	End Time	Major Street	Minor Street
Top Hour	3:45 PM	4:45 PM	1065	43
2nd Highest Hour	5:00 PM	6:00 PM	992	47
3rd Highest Hour	2:45 PM	3:45 PM	965	37
4th Highest Hour	11:15 AM	12:15 PM	940	27

Top Hours for Figure 4C-2	Start Time	End Time	Major Street	Minor Street
Top Hour	3:45 PM	4:45 PM	1065	43
2nd Highest Hour	5:00 PM	6:00 PM	992	47
3rd Highest Hour	2:45 PM	3:45 PM	965	37
4th Highest Hour	11:15 AM	12:15 PM	940	27

**Figure 4C-2 Warrant 2 Four Hour Vehicular Volume (70% Factor)
(COMMUNITY LESS THAN 10,000 POPULATION OR ABOVE 40 MPH ON MAJOR STREET)**Are the requirements for Warrant 2 met?: **No**

OMUTCD WARRANT 1, EIGHT-HOUR VEHICULAR VOLUME

Number of Lanes for Moving Traffic on Each Approach

Major Street: 1 Lane

Minor Street: 1 Lane

Built up Isolated Community with Less Than 10,000 Population or Above 40 MPH on Major Street? **No**

*Only applicable after an adequate trial of other alternatives (See section 4C.02.06 of the 2012 OMUTCD)

Lanes Major/ Minor	Adjusted Volumes		Condition A				Condition B				Combination A/B*							
			100%		70%		100%		70%		Cond. A		Cond. B		Cond. A		Cond. B	
	Major	Minor	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.
1 / 1	X		500	150	350	105	750	75	525	53	400	120	600	60	280	84	420	42
2+ / 1			600	150	420	105	900	75	630	53	480	120	720	60	336	84	504	42
2+ / 2+			600	200	420	140	900	100	630	70	480	160	720	80	336	112	504	56
1 / 2+			500	200	350	140	750	100	525	70	400	160	600	80	280	112	420	56
12:00 AM	0	0																
12:15 AM	0	0																
12:30 AM	0	0																
12:45 AM	0	0																
1:00 AM	0	0																
1:15 AM	0	0																
1:30 AM	0	0																
1:45 AM	0	0																
2:00 AM	0	0																
2:15 AM	0	0																
2:30 AM	0	0																
2:45 AM	0	0																
3:00 AM	0	0																
3:15 AM	0	0																
3:30 AM	0	0																
3:45 AM	0	0																
4:00 AM	0	0																
4:15 AM	62	5																
4:30 AM	136	12																
4:45 AM	215	21																
5:00 AM	319	27													1			
5:15 AM	345	26																
5:30 AM	381	38			1													
5:45 AM	435	63									1						1	1
6:00 AM	519	95	1												1	1		
6:15 AM	583	130							1	1								
6:30 AM	665	160			1	1							1	1				
6:45 AM	717	171									1	1					1	1
7:00 AM	734	184	1	1											1	1		
7:15 AM	788	192					1	1	1	1								
7:30 AM	834	188			1	1							1	1				
7:45 AM	868	192									1	1					1	1
8:00 AM	872	190	1	1											1	1		
8:15 AM	885	183					1	1	1	1								
8:30 AM	860	187			1	1							1	1				
8:45 AM	862	196									1	1					1	1
9:00 AM	888	183	1	1											1	1		
9:15 AM	890	203					1	1	1	1								
9:30 AM	911	222			1	1							1	1				
9:45 AM	954	217									1	1					1	1

10:00 AM	965	240	1	1											1	1		
10:15 AM	1027	244					1	1	1	1								
10:30 AM	1060	235			1	1							1	1				
10:45 AM	1090	250									1	1					1	1
11:00 AM	1110	260	1	1											1	1		
11:15 AM	1112	272					1	1	1	1								
11:30 AM	1107	279			1	1							1	1				
11:45 AM	1081	281									1	1					1	1
12:00 PM	1130	295	1	1											1	1		
12:15 PM	1123	274					1	1	1	1								
12:30 PM	1099	266			1	1							1	1				
12:45 PM	1105	268									1	1					1	1
1:00 PM	1060	242	1	1											1	1		
1:15 PM	1085	257					1	1	1	1								
1:30 PM	1126	272			1	1							1	1				
1:45 PM	1146	294									1	1					1	1
2:00 PM	1231	312	1	1											1	1		
2:15 PM	1231	316					1	1	1	1								
2:30 PM	1252	311			1	1							1	1				
2:45 PM	1266	289									1	1					1	1
3:00 PM	1288	304	1	1											1	1		
3:15 PM	1352	327					1	1	1	1								
3:30 PM	1434	351			1	1							1	1				
3:45 PM	1464	381									1	1					1	1
4:00 PM	1397	369	1	1											1	1		
4:15 PM	1345	372					1	1	1	1								
4:30 PM	1278	376			1	1							1	1				
4:45 PM	1246	350									1	1					1	1
5:00 PM	1203	346	1	1											1	1		
5:15 PM	1133	317					1	1	1	1								
5:30 PM	1025	295			1	1							1	1				
5:45 PM	962	286									1	1					1	1
6:00 PM	913	285	1	1											1	1		
6:15 PM	878	266					1	1	1	1								
6:30 PM	855	255			1	1							1	1				
6:45 PM	778	232									1	1					1	1
7:00 PM	711	198	1	1											1	1		
7:15 PM	501	146																
7:30 PM	317	83																
7:45 PM	151	39																
8:00 PM	0	0																
8:15 PM	0	0																
8:30 PM	0	0																
8:45 PM	0	0																
9:00 PM	0	0																
9:15 PM	0	0																
9:30 PM	0	0																
9:45 PM	0	0																
HOURS MET			14	13	14	13	12	12	13	13	14	13	13	13	15	14	14	14
WARRANT SATISFIED?			YES	N/A	YES	N/A	YES	N/A	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

Warrant Met: **Yes**

Notes: Condition A was met. Condition B was met. Combination of A/B (80%) was met.*

OMUTCD WARRANT 1, EIGHT-HOUR VEHICULAR VOLUME

Number of Lanes for Moving Traffic
on Each Approach

Major Street: 1 Lane

Minor Street: 1 Lane

Built up Isolated Community with Less Than 10,000 Population or Above 40 MPH on Major Street? **Yes**

**Only applicable after an adequate trial of other alternatives (See section 4C.02.06 of the 2012 OMUTCD)*

Lanes Major/ Minor	Adjusted Volumes		Condition A				Condition B				Combination A/B*							
			100%		70%		100%		70%		Cond. A		Cond. B		Cond. A		Cond. B	
	Major	Minor	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.	Maj.	Min.
1 / 1	X		500	150	350	105	750	75	525	53	400	120	600	60	280	84	420	42
2+ / 1			600	150	420	105	900	75	630	53	480	120	720	60	336	84	504	42
2+ / 2+			600	200	420	140	900	100	630	70	480	160	720	80	336	112	504	56
1 / 2+			500	200	350	140	750	100	525	70	400	160	600	80	280	112	420	56
12:00 AM	0	0																
12:15 AM	0	0																
12:30 AM	0	0																
12:45 AM	0	0																
1:00 AM	0	0																
1:15 AM	0	0																
1:30 AM	0	0																
1:45 AM	0	0																
2:00 AM	0	0																
2:15 AM	0	0																
2:30 AM	0	0																
2:45 AM	0	0																
3:00 AM	0	0																
3:15 AM	0	0																
3:30 AM	0	0																
3:45 AM	0	0																
4:00 AM	0	0																
4:15 AM	0	0																
4:30 AM	0	0																
4:45 AM	0	0																
5:00 AM	0	0																
5:15 AM	29	1																
5:30 AM	82	3																
5:45 AM	140	7																
6:00 AM	216	12																
6:15 AM	250	23																
6:30 AM	261	33																
6:45 AM	289	34													1			
7:00 AM	317	39																
7:15 AM	345	32																
7:30 AM	357	29		1														
7:45 AM	366	40													1			
8:00 AM	376	48																
8:15 AM	383	55																
8:30 AM	406	62		1						1								
8:45 AM	416	64													1			
9:00 AM	409	71																
9:15 AM	311	59																
9:30 AM	212	43																
9:45 AM	107	25																

10:00 AM	0	0																
10:15 AM	0	0																
10:30 AM	0	0																
10:45 AM	0	0																
11:00 AM	0	0																
11:15 AM	0	0																
11:30 AM	0	0																
11:45 AM	0	0																
12:00 PM	0	0																
12:15 PM	0	0																
12:30 PM	0	0																
12:45 PM	0	0																
1:00 PM	0	0																
1:15 PM	0	0																
1:30 PM	0	0																
1:45 PM	0	0																
2:00 PM	0	0																
2:15 PM	169	61																
2:30 PM	364	107			1	1									1	1		
2:45 PM	573	152	1	1					1	1	1	1					1	1
3:00 PM	768	200					1	1						1	1			
3:15 PM	785	200																
3:30 PM	766	207			1	1									1	1		
3:45 PM	730	215	1	1					1	1	1	1					1	1
4:00 PM	706	209												1	1			
4:15 PM	706	207																
4:30 PM	688	206			1	1									1	1		
4:45 PM	658	210	1	1					1	1	1	1					1	1
5:00 PM	618	217												1	1			
5:15 PM	555	198																
5:30 PM	517	191			1	1									1	1		
5:45 PM	459	174								1	1						1	1
6:00 PM	427	167																
6:15 PM	304	127																
6:30 PM	184	82																
6:45 PM	99	42																
7:00 PM	0	0																
7:15 PM	0	0																
7:30 PM	0	0																
7:45 PM	0	0																
8:00 PM	0	0																
8:15 PM	0	0																
8:30 PM	0	0																
8:45 PM	0	0																
9:00 PM	0	0																
9:15 PM	0	0																
9:30 PM	0	0																
9:45 PM	0	0																
HOURS MET			3	3	6	4	1	1	3	3	5	4	3	3	7	4	4	4
WARRANT SATISFIED?			NO		NO		NO		NO		NO		NO		NO		NO	

Warrant Met: **No**

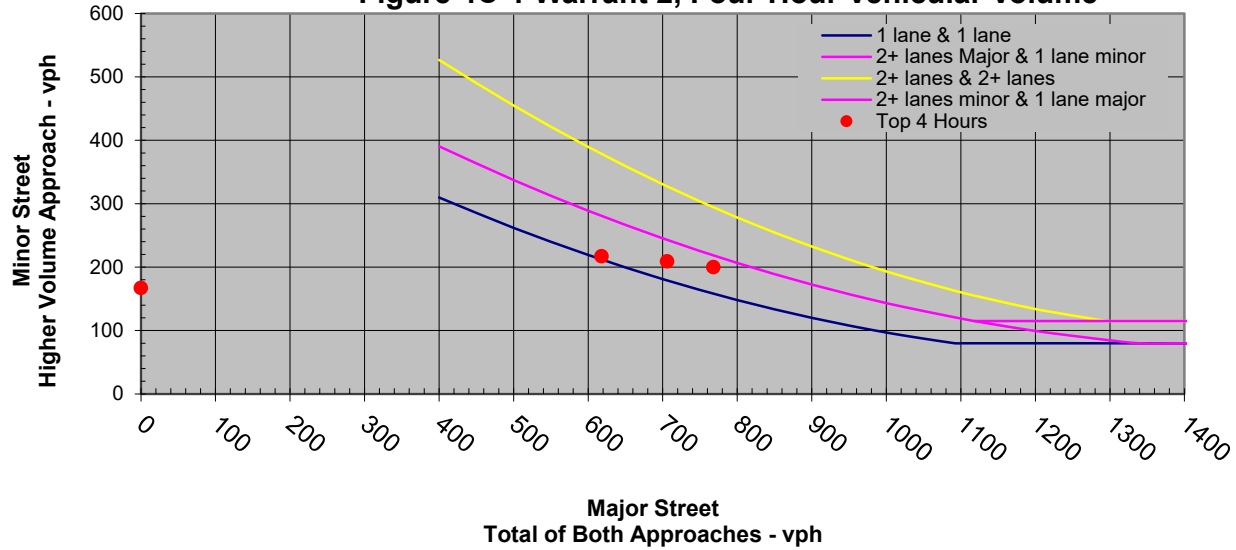
Notes:

OMUTCD WARRANT 2, FOUR-HOUR VEHICULAR VOLUME

Number of Lanes for Moving Traffic on Each Approach	Total Number of Unique Hours Met on Figure 4C-1	3
Major street: 1 Lane	Total Number of Unique Hours Met on Figure 4C-2 (70% Factor)	4
Minor Street: 1 Lane		

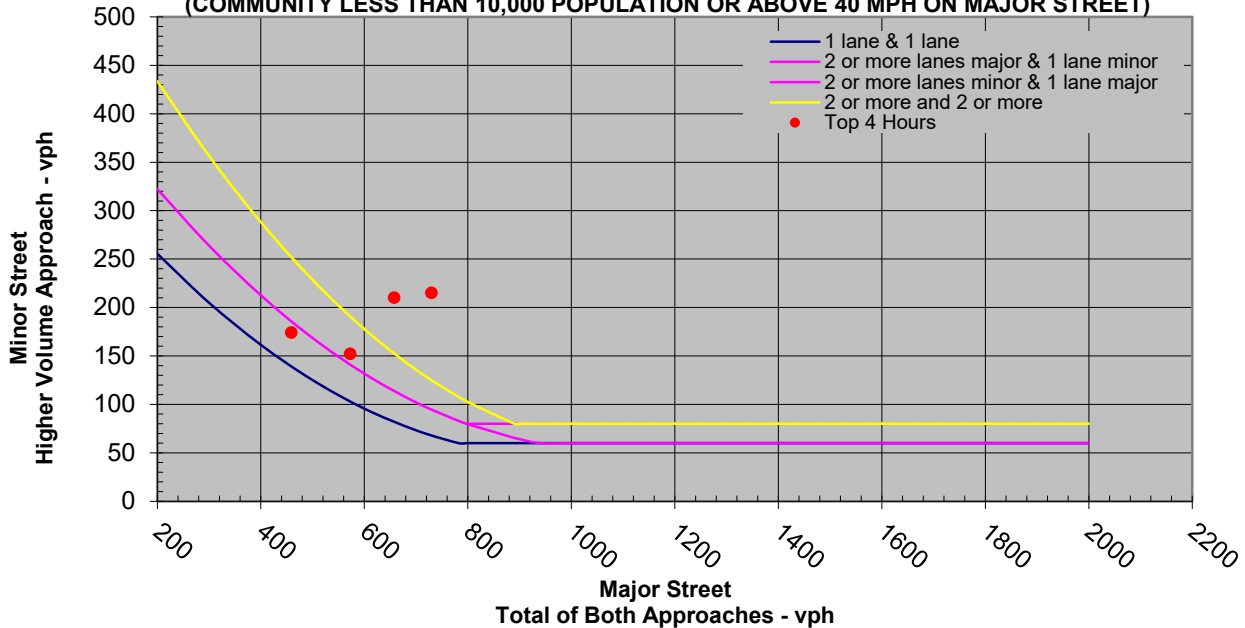
Built up Isolated Community with Less Than 10,000 Population or Above 40 MPH on Major Street? **Yes**

Hour Interval Beginning At	Raw Traffic Counts				Total Major Approach Volumes	Highest Actual Minor Street Approach Volumes	Hour Met?	Hour Met? (70% Factor)
	Minor - Lippencott Ln		Major - US 36					
	N-Bound	S-Bound	W-Bound	E-Bound				
6:00 AM	0	12	99	117	216	12		
6:15 AM	0	23	119	131	250	23		
6:30 AM	0	33	136	125	261	33		
6:45 AM	0	34	142	147	289	34		
7:00 AM	0	39	162	155	317	39		
7:15 AM	1	32	175	170	345	32		
7:30 AM	1	29	176	181	357	29		
7:45 AM	1	40	183	183	366	40		
8:00 AM	1	48	182	194	376	48		
8:15 AM	0	55	178	205	383	55		
8:30 AM	0	62	180	226	406	62		
8:45 AM	0	64	168	248	416	64		
9:00 AM	0	71	165	244	409	71		
9:15 AM	0	59	122	189	311	59		
9:30 AM	0	43	82	130	212	43		
9:45 AM	0	25	49	58	107	25		
10:00 AM	0	0	0	0	0	0		
10:15 AM	0	0	0	0	0	0		
10:30 AM	0	0	0	0	0	0		
10:45 AM	0	0	0	0	0	0		
11:00 AM	0	0	0	0	0	0		
11:15 AM	0	0	0	0	0	0		
11:30 AM	0	0	0	0	0	0		
11:45 AM	0	0	0	0	0	0		
12:00 PM	0	0	0	0	0	0		
12:15 PM	0	0	0	0	0	0		
12:30 PM	0	0	0	0	0	0		
12:45 PM	0	0	0	0	0	0		
1:00 PM	0	0	0	0	0	0		
1:15 PM	0	0	0	0	0	0		
1:30 PM	0	0	0	0	0	0		
1:45 PM	0	0	0	0	0	0		
2:00 PM	0	0	0	0	0	0		
2:15 PM	0	61	73	96	169	61		
2:30 PM	0	107	149	215	364	107		
2:45 PM	0	152	237	336	573	152		Met
3:00 PM	1	200	316	452	768	200	Met	
3:15 PM	1	200	312	473	785	200		
3:30 PM	1	207	302	464	766	207		
3:45 PM	1	215	277	453	730	215		Met
4:00 PM	0	209	270	436	706	209	Met	
4:15 PM	1	207	267	439	706	207		
4:30 PM	1	206	259	429	688	206		
4:45 PM	1	210	254	404	658	210		Met
5:00 PM	1	217	229	389	618	217	Met	
5:15 PM	0	198	202	353	555	198		
5:30 PM	0	191	181	336	517	191		
5:45 PM	0	174	150	309	459	174		Met
6:00 PM	0	167	140	287	427	167		
6:15 PM	0	127	101	203	304	127		
6:30 PM	0	82	64	120	184	82		
6:45 PM	0	42	37	62	99	42		
7:00 PM	0	0	0	0	0	0		
7:15 PM	0	0	0	0	0	0		
7:30 PM	0	0	0	0	0	0		
7:45 PM	0	0	0	0	0	0		
8:00 PM	0	0	0	0	0	0		

Figure 4C-1 Warrant 2, Four-Hour Vehicular Volume


Top Hours for Figure 4C-1	Start Time	End Time	Major Street	Minor Street
Top Hour	3:00 PM	4:00 PM	768	200
2nd Highest Hour	4:00 PM	5:00 PM	706	209
3rd Highest Hour	5:00 PM	6:00 PM	618	217
4th Highest Hour	12:00 AM	1:00 AM	0	167

Top Hours for Figure 4C-2	Start Time	End Time	Major Street	Minor Street
Top Hour	3:45 PM	4:45 PM	730	215
2nd Highest Hour	4:45 PM	5:45 PM	658	210
3rd Highest Hour	2:45 PM	3:45 PM	573	152
4th Highest Hour	5:45 PM	6:45 PM	459	174

**Figure 4C-2 Warrant 2 Four Hour Vehicular Volume (70% Factor)
(COMMUNITY LESS THAN 10,000 POPULATION OR ABOVE 40 MPH ON MAJOR STREET)**

Are the requirements for Warrant 2 met?: **Yes**

Appendix B

Traffic Counts

Jefferson & Water - TMC

Fri Dec 1, 2023

Full Length (5 AM-8 PM)

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

All Movements

ID: 1138388, Location: 40.105068, -83.737826



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	S Jefferson Ave Southbound					Water St Westbound					S Jefferson Ave Northbound					Water St Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2023-12-01 5:00AM	4	3	0	0	7	0	0	0	0	0	1	2	0	0	3	0	5	4	0	9	19
5:15AM	3	5	0	0	8	0	2	0	0	2	2	4	0	0	6	0	0	3	0	3	19
5:30AM	1	6	1	0	8	0	8	1	0	9	0	3	0	0	3	0	2	1	0	3	23
5:45AM	4	5	0	0	9	2	7	3	0	12	7	4	0	0	11	0	4	4	0	8	40
Hourly Total	12	19	1	0	32	2	17	4	0	23	10	13	0	0	23	0	11	12	0	23	101
6:00AM	6	2	0	0	8	0	3	0	0	3	4	10	0	0	14	0	9	2	0	11	36
6:15AM	6	8	0	0	14	2	5	2	0	9	7	13	0	0	20	0	0	2	0	2	45
6:30AM	2	12	0	0	14	3	6	6	0	15	4	17	0	0	21	0	6	3	0	9	59
6:45AM	8	13	0	0	21	7	15	8	0	30	4	15	0	0	19	0	5	3	0	8	78
Hourly Total	22	35	0	0	57	12	29	16	0	57	19	55	0	0	74	0	20	10	0	30	218
7:00AM	12	9	2	0	23	7	12	7	0	26	2	19	0	0	21	0	3	5	0	8	78
7:15AM	7	28	2	0	37	8	9	6	0	23	9	31	0	0	40	0	9	2	0	11	111
7:30AM	12	22	1	0	35	1	8	12	0	21	4	22	0	0	26	0	9	6	0	15	97
7:45AM	13	8	1	0	22	3	12	10	0	25	14	29	0	0	43	1	13	10	0	24	114
Hourly Total	44	67	6	0	117	19	41	35	0	95	29	101	0	0	130	1	34	23	0	58	400
8:00AM	10	15	4	0	29	5	8	9	0	22	8	18	0	0	26	0	10	2	0	12	89
8:15AM	16	25	2	0	43	2	12	7	0	21	11	24	0	0	35	1	9	16	0	26	125
8:30AM	15	21	2	0	38	5	9	6	0	20	7	33	0	0	40	0	16	14	0	30	128
8:45AM	14	16	2	0	32	5	9	4	0	18	14	14	0	0	28	0	16	12	0	28	106
Hourly Total	55	77	10	0	142	17	38	26	0	81	40	89	0	0	129	1	51	44	0	96	448
9:00AM	12	16	3	0	31	2	8	5	0	15	13	20	0	0	33	1	18	4	0	23	102
9:15AM	11	19	2	0	32	2	8	9	0	19	6	14	0	0	20	0	11	7	0	18	89
9:30AM	14	21	3	0	38	3	7	6	0	16	9	17	0	0	26	0	11	12	0	23	103
9:45AM	15	22	2	0	39	12	15	11	0	38	10	20	0	0	30	0	17	8	0	25	132
Hourly Total	52	78	10	0	140	19	38	31	0	88	38	71	0	0	109	1	57	31	0	89	426
10:00AM	15	15	1	0	31	2	14	3	0	19	10	24	0	0	34	0	13	12	0	25	109
10:15AM	15	18	4	0	37	8	11	7	0	26	9	18	0	0	27	0	18	12	0	30	120
10:30AM	18	18	1	0	37	7	14	1	0	22	5	25	0	0	30	0	6	12	0	18	107
10:45AM	19	17	3	0	39	6	14	5	0	25	11	23	1	0	35	0	19	18	0	37	136
Hourly Total	67	68	9	0	144	23	53	16	0	92	35	90	1	0	126	0	56	54	0	110	472
11:00AM	18	27	6	0	51	5	7	8	0	20	11	20	1	0	32	0	17	10	0	27	130
11:15AM	17	19	2	0	38	8	16	11	0	35	8	25	0	0	33	1	15	21	0	37	143
11:30AM	33	25	3	0	61	4	4	7	0	15	13	29	1	0	43	1	15	28	0	44	163
11:45AM	16	29	5	0	50	7	9	8	0	24	16	17	1	0	34	0	19	19	0	38	146
Hourly Total	84	100	16	0	200	24	36	34	0	94	48	91	3	0	142	2	66	78	0	146	582
12:00PM	25	27	3	0	55	9	9	6	0	24	10	17	1	0	28	1	16	24	0	41	148
12:15PM	21	27	1	0	49	8	12	11	0	31	8	28	0	0	36	0	18	22	0	40	156
12:30PM	26	18	6	0	50	6	18	13	0	37	14	23	2	0	39	0	17	19	0	36	162
12:45PM	21	24	4	0	49	10	6	7	0	23	13	29	0	0	42	1	15	19	0	35	149
Hourly Total	93	96	14	0	203	33	45	37	0	115	45	97	3	0	145	2	66	84	0	152	615
1:00PM	20	28	7	0	55	6	17	7	0	30	10	25	1	0	36	0	14	13	0	27	148
1:15PM	20	32	2	0	54	4	8	9	0	21	10	24	0	0	34	0	23	12	0	35	144
1:30PM	23	29	4	0	56	4	17	10	0	31	15	30	0	0	45	0	13	16	0	29	161
1:45PM	13	24	1	0	38	2	18	7	0	27	11	33	0	0	44	1	17	14	0	32	141
Hourly Total	76	113	14	0	203	16	60	33	0	109	46	112	1	0	159	1	67	55	0	123	594
2:00PM	29	39	3	0	71	3	17	10	0	30	7	21	0	0	28	1	21	20	0	42	171
2:15PM	20	30	3	0	53	4	15	11	0	30	17	26	1	0	44	2	19	16	0	37	164
2:30PM	17	30	4	0	51	1	14	5	0	20	19	37	0	0	56	0	28	12	0	40	167
2:45PM	28	28	5	0	61	2	15	8	0	25	23	35	1	0	59	0	31	14	0	45	190
Hourly Total	94	127	15	0	236	10	61	34	0	105	66	119	2	0	187	3	99	62	0	164	692
3:00PM	24	25	5	0	54	5	18	10	0	33	8	37	3	0	48	0	20	12	0	32	167
3:15PM	17	31	4	0	52	5	8	16	1	30	11	51	2	0	64	1	22	19	0	42	188
3:30PM	20	33	4	0	57	7	15	5	0	27	11	44	1	0	56	2	28	38	0	68	208
3:45PM	20	30	4	0	54	10	8	9	0	27	22	49	2	0	73	1	23	21	0	45	199

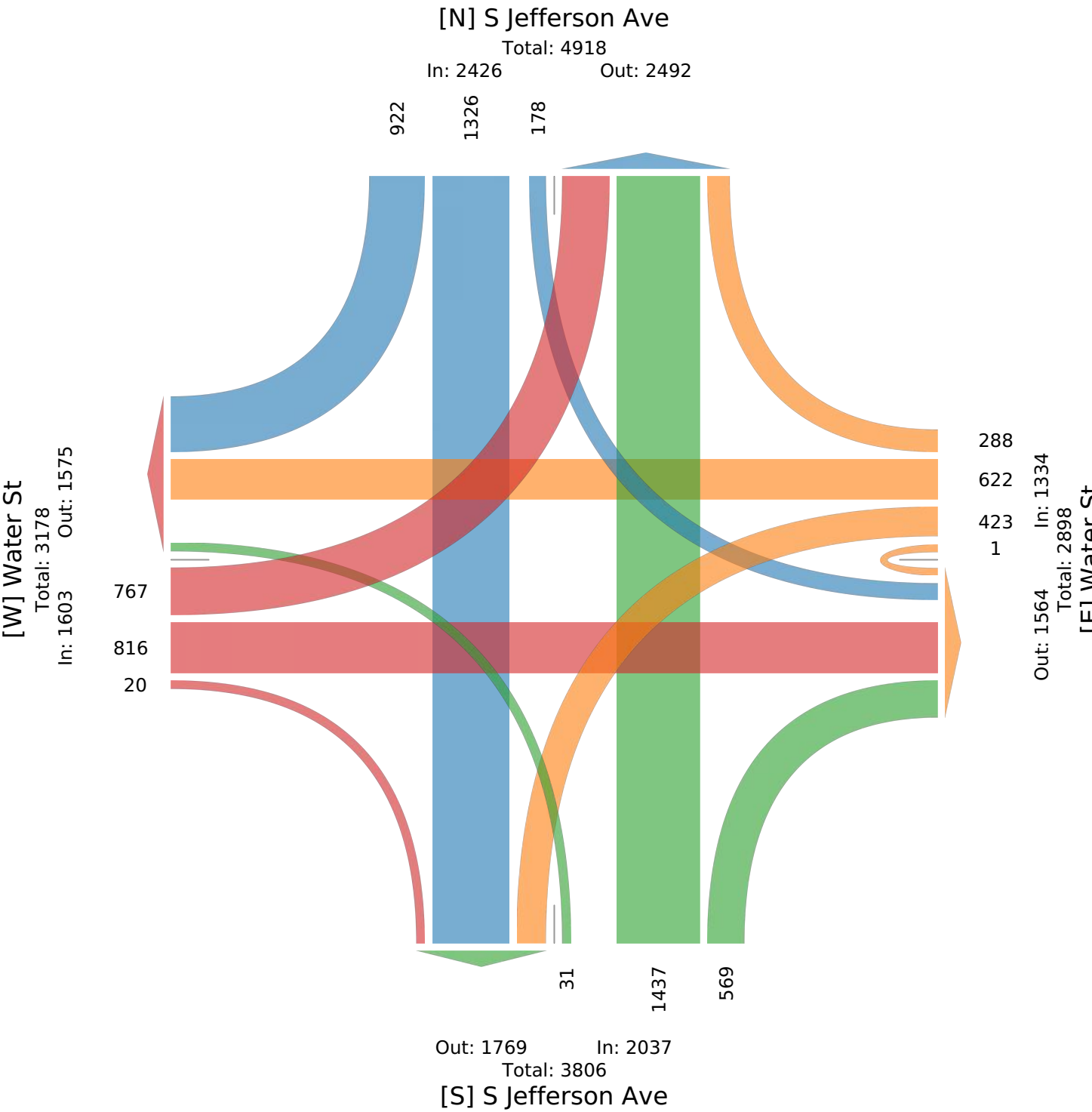
Leg Direction	S Jefferson Ave Southbound					Water St Westbound					S Jefferson Ave Northbound					Water St Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
Hourly Total	81	119	17	0	217	27	49	40	1	117	52	181	8	0	241	4	93	90	0	187	762
4:00PM	29	35	4	0	68	3	10	14	0	27	25	52	0	0	77	0	19	22	0	41	213
4:15PM	14	43	6	0	63	6	12	9	0	27	20	46	3	0	69	0	15	20	0	35	194
4:30PM	17	39	3	0	59	8	19	12	0	39	14	22	3	0	39	0	26	18	0	44	181
4:45PM	20	31	7	0	58	9	21	11	0	41	8	32	0	0	40	0	16	20	0	36	175
Hourly Total	80	148	20	0	248	26	62	46	0	134	67	152	6	0	225	0	76	80	0	156	763
5:00PM	20	25	4	0	49	5	13	12	0	30	7	37	1	0	45	1	25	25	0	51	175
5:15PM	17	38	5	0	60	5	11	12	0	28	4	27	2	0	33	0	17	18	0	35	156
5:30PM	13	24	5	0	42	3	11	10	0	24	9	32	3	0	44	1	11	14	0	26	136
5:45PM	16	35	4	0	55	8	14	8	0	30	8	22	0	0	30	0	10	13	0	23	138
Hourly Total	66	122	18	0	206	21	49	42	0	112	28	118	6	0	152	2	63	70	0	135	605
6:00PM	11	22	1	0	34	4	8	7	0	19	7	24	1	0	32	0	9	14	0	23	108
6:15PM	11	31	3	0	45	7	7	4	0	18	9	22	0	0	31	2	9	7	0	18	112
6:30PM	17	26	4	0	47	6	11	5	0	22	10	23	0	0	33	0	10	10	0	20	122
6:45PM	16	19	9	0	44	0	4	1	0	5	6	19	0	0	25	0	8	9	0	17	91
Hourly Total	55	98	17	0	170	17	30	17	0	64	32	88	1	0	121	2	36	40	0	78	433
7:00PM	13	17	3	0	33	6	1	3	0	10	3	20	0	0	23	0	2	8	0	10	76
7:15PM	12	14	4	0	30	8	5	4	0	17	7	18	0	0	25	0	11	16	0	27	99
7:30PM	5	18	3	0	26	4	4	3	0	11	0	12	0	0	12	0	3	6	0	9	58
7:45PM	11	10	1	0	22	4	4	2	0	10	4	10	0	0	14	1	5	4	0	10	56
Hourly Total	41	59	11	0	111	22	14	12	0	48	14	60	0	0	74	1	21	34	0	56	289
Total	922	1326	178	0	2426	288	622	423	1	1334	569	1437	31	0	2037	20	816	767	0	1603	7400
% Approach	38.0%	54.7%	7.3%	0%	-	21.6%	46.6%	31.7%	0.1%	-	27.9%	70.5%	1.5%	0%	-	1.2%	50.9%	47.8%	0%	-	-
% Total	12.5%	17.9%	2.4%	0%	32.8%	3.9%	8.4%	5.7%	0%	18.0%	7.7%	19.4%	0.4%	0%	27.5%	0.3%	11.0%	10.4%	0%	21.7%	-
Lights	906	1309	177	0	2392	284	609	422	1	1316	563	1418	28	0	2009	20	802	759	0	1581	7298
% Lights	98.3%	98.7%	99.4%	0%	98.6%	98.6%	97.9%	99.8%	100%	98.7%	98.9%	98.7%	90.3%	0%	98.6%	100%	98.3%	99.0%	0%	98.6%	98.6%
Articulated Trucks	3	0	0	0	3	0	1	0	0	1	0	2	3	0	5	0	2	1	0	3	12
% Articulated Trucks	0.3%	0%	0%	0%	0.1%	0%	0.2%	0%	0%	0.1%	0%	0.1%	9.7%	0%	0.2%	0%	0.2%	0.1%	0%	0.2%	0.2%
Buses and Single-Unit Trucks	13	17	1	0	31	4	12	1	0	17	6	17	0	0	23	0	12	7	0	19	90
% Buses and Single-Unit Trucks	1.4%	1.3%	0.6%	0%	1.3%	1.4%	1.9%	0.2%	0%	1.3%	1.1%	1.2%	0%	0%	1.1%	0%	1.5%	0.9%	0%	1.2%	1.2%

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

Jefferson & Water - TMC
Fri Dec 1, 2023
Full Length (5 AM-8 PM)
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)
All Movements
ID: 1138388, Location: 40.105068, -83.737826



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US



Jefferson & Water - TMC

Fri Dec 1, 2023

AM Peak (10 AM - 11 AM)

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

All Movements

ID: 1138388, Location: 40.105068, -83.737826



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	S Jefferson Ave Southbound					Water St Westbound					S Jefferson Ave Northbound					Water St Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2023-12-01 10:00AM	15	15	1	0	31	2	14	3	0	19	10	24	0	0	34	0	13	12	0	25	109
10:15AM	15	18	4	0	37	8	11	7	0	26	9	18	0	0	27	0	18	12	0	30	120
10:30AM	18	18	1	0	37	7	14	1	0	22	5	25	0	0	30	0	6	12	0	18	107
10:45AM	19	17	3	0	39	6	14	5	0	25	11	23	1	0	35	0	19	18	0	37	136
Total	67	68	9	0	144	23	53	16	0	92	35	90	1	0	126	0	56	54	0	110	472
% Approach	46.5%	47.2%	6.3%	0%	-	25.0%	57.6%	17.4%	0%	-	27.8%	71.4%	0.8%	0%	-	0%	50.9%	49.1%	0%	-	-
% Total	14.2%	14.4%	1.9%	0%	30.5%	4.9%	11.2%	3.4%	0%	19.5%	7.4%	19.1%	0.2%	0%	26.7%	0%	11.9%	11.4%	0%	23.3%	-
PHF	0.882	0.944	0.563	-	0.923	0.719	0.946	0.571	-	0.885	0.795	0.900	0.250	-	0.900	-	0.737	0.750	-	0.743	0.868
Lights	66	68	9	0	143	23	53	16	0	92	34	90	1	0	125	0	54	54	0	108	468
% Lights	98.5%	100%	100%	0%	99.3%	100%	100%	100%	0%	100%	97.1%	100%	100%	0%	99.2%	0%	96.4%	100%	0%	98.2%	99.2%
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Articulated Trucks	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Buses and Single-Unit Trucks	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	2	0	0	2	4
% Buses and Single-Unit Trucks	1.5%	0%	0%	0%	0.7%	0%	0%	0%	0%	0%	2.9%	0%	0%	0%	0.8%	0%	3.6%	0%	0%	1.8%	0.8%

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

Jefferson & Water - TMC

Fri Dec 1, 2023

AM Peak (10 AM - 11 AM)

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

All Movements

ID: 1138388, Location: 40.105068, -83.737826



Provided by: Burgess & Niple, Inc

330 Rush Alley, Suite 700, Columbus, OH, 43215, US

[N] S Jefferson Ave

Total: 311

In: 144

Out: 167

67

68

9

[W] Water St

Total: 231

In: 110

Out: 121

54

56

23

53

16

In: 92

Total: 192

Out: 100

[E] Water St

Out: 84

In: 126

Total: 210

[S] S Jefferson Ave

1

90

35

Jefferson & Water - TMC

Fri Dec 1, 2023

Midday Peak (12 PM - 1 PM)

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

All Movements

ID: 1138388, Location: 40.105068, -83.737826



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	S Jefferson Ave Southbound					Water St Westbound					S Jefferson Ave Northbound					Water St Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2023-12-01 12:00PM	25	27	3	0	55	9	9	6	0	24	10	17	1	0	28	1	16	24	0	41	148
12:15PM	21	27	1	0	49	8	12	11	0	31	8	28	0	0	36	0	18	22	0	40	156
12:30PM	26	18	6	0	50	6	18	13	0	37	14	23	2	0	39	0	17	19	0	36	162
12:45PM	21	24	4	0	49	10	6	7	0	23	13	29	0	0	42	1	15	19	0	35	149
Total	93	96	14	0	203	33	45	37	0	115	45	97	3	0	145	2	66	84	0	152	615
% Approach	45.8%	47.3%	6.9%	0%	-	28.7%	39.1%	32.2%	0%	-	31.0%	66.9%	2.1%	0%	-	1.3%	43.4%	55.3%	0%	-	-
% Total	15.1%	15.6%	2.3%	0%	33.0%	5.4%	7.3%	6.0%	0%	18.7%	7.3%	15.8%	0.5%	0%	23.6%	0.3%	10.7%	13.7%	0%	24.7%	-
PHF	0.894	0.889	0.583	-	0.923	0.825	0.625	0.712	-	0.777	0.804	0.836	0.375	-	0.863	0.500	0.917	0.875	-	0.927	0.949
Lights	89	96	14	0	199	33	44	37	0	114	45	97	3	0	145	2	65	81	0	148	606
% Lights	95.7%	100%	100%	0%	98.0%	100%	97.8%	100%	0%	99.1%	100%	100%	100%	0%	100%	100%	98.5%	96.4%	0%	97.4%	98.5%
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Articulated Trucks	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Buses and Single-Unit Trucks	4	0	0	0	4	0	1	0	0	1	0	0	0	0	0	0	1	3	0	4	9
% Buses and Single-Unit Trucks	4.3%	0%	0%	0%	2.0%	0%	2.2%	0%	0%	0.9%	0%	0%	0%	0%	0%	0%	1.5%	3.6%	0%	2.6%	1.5%

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

Jefferson & Water - TMC

Fri Dec 1, 2023

Midday Peak (12 PM - 1 PM)

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

All Movements

ID: 1138388, Location: 40.105068, -83.737826



Provided by: Burgess & Niple, Inc

330 Rush Alley, Suite 700, Columbus, OH, 43215, US

[N] S Jefferson Ave

Total: 417

In: 203

Out: 214

93

96

14

[W] Water St

Total: 293

In: 152

Out: 141

84

66

2

33

45

37

Out: 125

In: 115

Total: 240

[E] Water St

Out: 135

In: 145

Total: 280

[S] S Jefferson Ave

3

97

45

Jefferson & Water - TMC

Fri Dec 1, 2023

PM Peak (3:30 PM - 4:30 PM) - Overall Peak Hour

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

All Movements

ID: 1138388, Location: 40.105068, -83.737826



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	S Jefferson Ave Southbound					Water St Westbound					S Jefferson Ave Northbound					Water St Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2023-12-01 3:30PM	20	33	4	0	57	7	15	5	0	27	11	44	1	0	56	2	28	38	0	68	208
3:45PM	20	30	4	0	54	10	8	9	0	27	22	49	2	0	73	1	23	21	0	45	199
4:00PM	29	35	4	0	68	3	10	14	0	27	25	52	0	0	77	0	19	22	0	41	213
4:15PM	14	43	6	0	63	6	12	9	0	27	20	46	3	0	69	0	15	20	0	35	194
Total	83	141	18	0	242	26	45	37	0	108	78	191	6	0	275	3	85	101	0	189	814
% Approach	34.3%	58.3%	7.4%	0%	-	24.1%	41.7%	34.3%	0%	-	28.4%	69.5%	2.2%	0%	-	1.6%	45.0%	53.4%	0%	-	-
% Total	10.2%	17.3%	2.2%	0%	29.7%	3.2%	5.5%	4.5%	0%	13.3%	9.6%	23.5%	0.7%	0%	33.8%	0.4%	10.4%	12.4%	0%	23.2%	-
PHF	0.716	0.820	0.750	-	0.890	0.650	0.750	0.661	-	1.000	0.780	0.918	0.500	-	0.893	0.375	0.759	0.664	-	0.695	0.955
Lights	79	140	18	0	237	25	45	36	0	106	76	187	6	0	269	3	83	99	0	185	797
% Lights	95.2%	99.3%	100%	0%	97.9%	96.2%	100%	97.3%	0%	98.1%	97.4%	97.9%	100%	0%	97.8%	100%	97.6%	98.0%	0%	97.9%	97.9%
Articulated Trucks	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
% Articulated Trucks	1.2%	0%	0%	0%	0.4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1.0%	0%	0.5%	0.2%
Buses and Single-Unit Trucks	3	1	0	0	4	1	0	1	0	2	2	4	0	0	6	0	2	1	0	3	15
% Buses and Single-Unit Trucks	3.6%	0.7%	0%	0%	1.7%	3.8%	0%	2.7%	0%	1.9%	2.6%	2.1%	0%	0%	2.2%	0%	2.4%	1.0%	0%	1.6%	1.8%

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

Jefferson & Water - TMC

Fri Dec 1, 2023

PM Peak (3:30 PM - 4:30 PM) - Overall Peak Hour

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

All Movements

ID: 1138388, Location: 40.105068, -83.737826



Provided by: Burgess & Niple, Inc

330 Rush Alley, Suite 700, Columbus, OH, 43215, US

[N] S Jefferson Ave

Total: 560

In: 242

Out: 318

83

141

18

[W] Water St

Total: 323

In: 189

Out: 134

101
85
3

26
45
37

Out: 181

In: 108

Total: 289

[E] Water St

Out: 181

In: 275

Total: 456

[S] S Jefferson Ave

6

191

78

Clark County-Springfield Transportation Coordinating Committee
3130 E. Main Street

Springfield, Ohio, United States 45503
(937) 521-2131 sschmid@clarkcountyohio.gov

Count Name: High St. and US36
Site Code:
Start Date: 10/14/2020
Page No: 1

Turning Movement Data

Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Eastbound St. Eastbound					Int. Total
	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	
12:00 AM	0	0	0	0	0	0	9	1	0	10	0	0	1	0	1	0	4	0	0	4	15
12:15 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	5
12:30 AM	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	5	0	0	5	8
12:45 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	5
Hourly Total	0	0	0	0	0	0	17	2	0	19	0	0	1	0	1	0	13	0	0	13	33
1:00 AM	0	0	0	0	0	0	6	0	0	6	0	0	1	0	1	0	0	0	0	0	7
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	4
1:30 AM	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	0	19	0	0	19	23
1:45 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	1	6	0	0	7	10
Hourly Total	0	0	0	0	0	0	12	1	0	13	0	0	1	0	1	1	29	0	0	30	44
2:00 AM	0	0	0	0	0	0	6	0	0	6	1	0	1	0	2	0	4	0	0	4	12
2:15 AM	0	0	0	0	0	0	4	0	0	4	0	0	1	0	1	0	7	0	0	7	12
2:30 AM	0	0	0	0	0	0	4	1	0	5	0	0	1	0	1	0	4	0	0	4	10
2:45 AM	0	0	0	0	0	0	4	1	0	5	0	0	0	0	0	0	11	0	0	11	16
Hourly Total	0	0	0	0	0	0	18	2	0	20	1	0	3	0	4	0	26	0	0	26	50
3:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	7	0	0	7	9
3:15 AM	1	0	0	0	1	0	2	1	0	3	0	0	1	0	1	0	2	0	0	2	7
3:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	6	0	0	6	7
3:45 AM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	5	0	0	5	10
Hourly Total	1	0	0	0	1	0	10	1	0	11	0	0	1	0	1	0	20	0	0	20	33
4:00 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	5	0	0	5	9
4:15 AM	0	0	0	0	0	0	13	0	0	13	0	0	1	0	1	1	10	0	0	11	25
4:30 AM	0	0	0	0	0	0	22	0	0	22	0	0	1	0	1	0	12	0	0	12	35
4:45 AM	0	0	0	0	0	0	41	0	0	41	2	1	1	0	4	2	21	0	0	23	68
Hourly Total	0	0	0	0	0	0	80	0	0	80	2	1	3	0	6	3	48	0	0	51	137
5:00 AM	0	0	0	0	0	0	19	1	0	20	0	0	1	0	1	2	22	0	0	24	45
5:15 AM	0	1	0	0	1	0	19	1	0	20	0	1	2	0	3	1	26	0	0	27	51
5:30 AM	0	1	0	0	1	0	34	1	0	35	0	0	5	0	5	2	33	0	0	35	76
5:45 AM	0	2	0	0	2	1	26	2	0	29	2	1	2	0	5	4	29	0	0	33	69
Hourly Total	0	4	0	0	4	1	98	5	0	104	2	2	10	0	14	9	110	0	0	119	241
6:00 AM	0	2	1	0	3	0	21	5	0	26	1	2	4	0	7	4	57	0	0	61	97
6:15 AM	0	1	0	0	1	0	40	4	0	44	3	1	4	0	8	1	43	0	0	44	97
6:30 AM	0	1	1	0	2	0	32	1	0	33	0	2	4	0	6	4	48	1	0	53	94
6:45 AM	1	2	0	0	3	0	46	4	0	50	2	1	3	0	6	1	57	0	0	58	117
Hourly Total	1	6	2	0	9	0	139	14	0	153	6	6	15	0	27	10	205	1	0	216	405
7:00 AM	0	1	0	0	1	0	48	5	0	53	4	2	4	0	10	2	60	0	0	62	126
7:15 AM	0	1	0	0	1	0	33	1	0	34	4	4	2	0	10	7	51	0	0	58	103
7:30 AM	1	2	0	0	3	0	42	7	0	49	4	3	6	0	13	5	63	1	0	69	134
7:45 AM	2	2	0	0	4	1	41	3	0	45	3	2	8	0	13	14	73	1	0	88	150

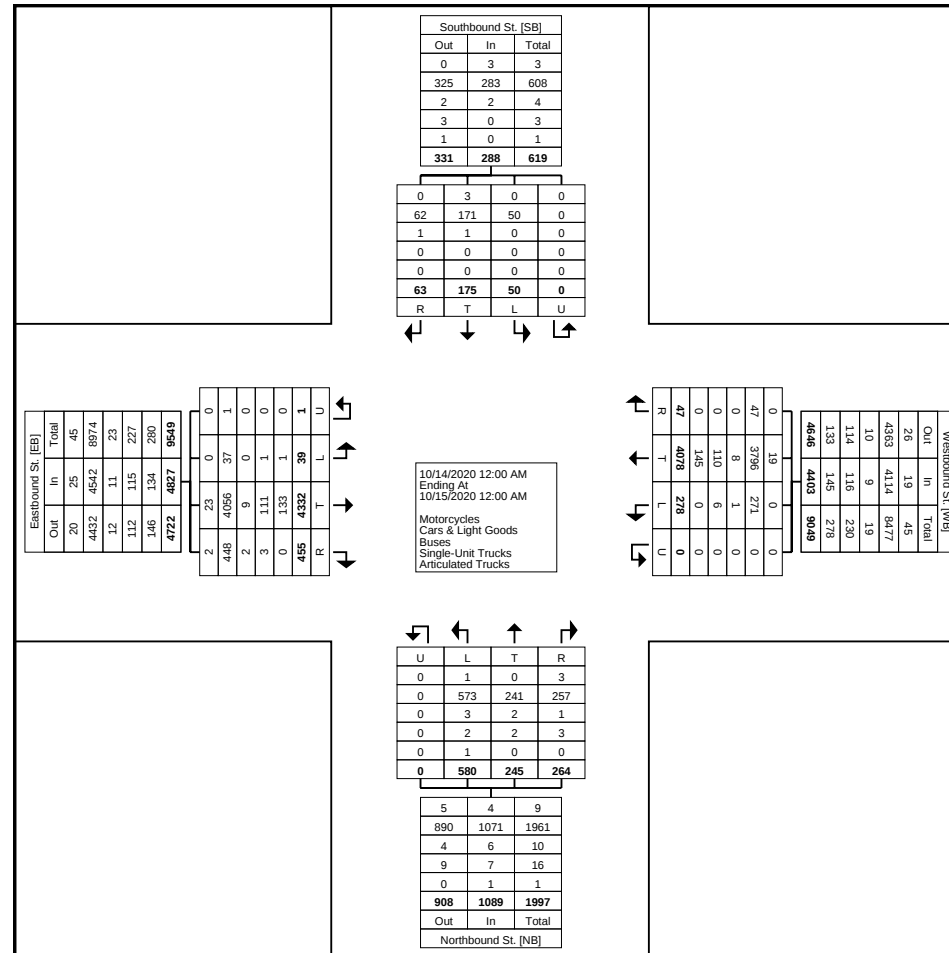
Hourly Total	3	6	0	0	9	1	164	16	0	181	15	11	20	0	46	28	247	2	0	277	513
8:00 AM	0	2	1	0	3	0	36	2	0	38	2	2	7	0	11	7	58	0	0	65	117
8:15 AM	1	2	0	0	3	0	34	3	0	37	3	4	10	0	17	4	47	1	0	52	109
8:30 AM	1	2	0	0	3	0	50	5	0	55	4	3	7	0	14	7	58	0	0	65	137
8:45 AM	1	0	2	0	3	0	35	1	0	36	3	0	5	0	8	7	77	0	0	84	131
Hourly Total	3	6	3	0	12	0	155	11	0	166	12	9	29	0	50	25	240	1	0	266	494
9:00 AM	0	4	0	0	4	0	57	3	0	60	5	7	7	0	19	8	61	0	0	69	152
9:15 AM	1	0	0	0	1	0	49	0	0	49	3	3	3	0	9	8	58	0	0	66	125
9:30 AM	0	3	2	0	5	2	39	4	0	45	4	5	4	0	13	8	72	0	0	80	143
9:45 AM	0	4	2	0	6	0	55	5	0	60	1	2	5	0	8	6	60	1	0	67	141
Hourly Total	1	11	4	0	16	2	200	12	0	214	13	17	19	0	49	30	251	1	0	282	561
10:00 AM	1	1	1	0	3	2	47	4	0	53	6	2	10	0	18	6	69	0	0	75	149
10:15 AM	1	2	2	0	5	2	42	5	0	49	5	1	4	0	10	7	62	0	0	69	133
10:30 AM	3	5	1	0	9	0	53	5	0	58	3	4	7	0	14	9	55	1	0	65	146
10:45 AM	1	3	0	0	4	2	68	2	0	72	7	7	12	0	26	9	54	1	0	64	166
Hourly Total	6	11	4	0	21	6	210	16	0	232	21	14	33	0	68	31	240	2	0	273	594
11:00 AM	2	7	2	0	11	0	44	2	0	46	2	3	13	0	18	8	71	0	0	79	154
11:15 AM	3	3	1	0	7	3	68	3	0	74	9	3	11	0	23	9	70	1	1	81	185
11:30 AM	0	5	0	0	5	1	72	8	0	81	4	4	10	0	18	12	84	0	0	96	200
11:45 AM	1	4	0	0	5	1	81	5	0	87	4	2	7	0	13	10	67	1	0	78	183
Hourly Total	6	19	3	0	28	5	265	18	0	288	19	12	41	0	72	39	292	2	1	334	722
12:00 PM	2	4	0	0	6	1	56	6	0	63	4	6	16	0	26	7	89	1	0	97	192
12:15 PM	2	4	0	0	6	0	69	3	0	72	2	3	20	0	25	10	63	1	0	74	177
12:30 PM	0	3	1	0	4	1	73	8	0	82	2	5	14	0	21	6	65	0	0	71	178
12:45 PM	0	3	2	0	5	0	72	1	0	73	4	3	13	0	20	12	67	0	0	79	177
Hourly Total	4	14	3	0	21	2	270	18	0	290	12	17	63	0	92	35	284	2	0	321	724
1:00 PM	1	2	0	0	3	0	68	2	0	70	4	5	5	0	14	2	64	1	0	67	154
1:15 PM	0	1	1	0	2	2	63	1	0	66	6	6	14	0	26	9	68	3	0	80	174
1:30 PM	2	1	2	0	5	1	67	1	0	69	3	1	14	0	18	7	81	0	0	88	180
1:45 PM	1	6	1	0	8	0	76	2	0	78	3	1	8	0	12	7	83	0	0	90	188
Hourly Total	4	10	4	0	18	3	274	6	0	283	16	13	41	0	70	25	296	4	0	325	696
2:00 PM	2	3	1	0	6	0	66	4	0	70	8	5	12	0	25	9	56	2	0	67	168
2:15 PM	1	5	2	0	8	2	60	5	0	67	4	5	9	0	18	14	67	0	0	81	174
2:30 PM	1	6	3	0	10	0	64	5	0	69	2	13	13	0	28	4	55	1	0	60	167
2:45 PM	1	3	3	0	7	0	73	4	0	77	9	7	15	0	31	9	71	1	0	81	196
Hourly Total	5	17	9	0	31	2	263	18	0	283	23	30	49	0	102	36	249	4	0	289	705
3:00 PM	1	2	0	0	3	2	80	3	0	85	14	7	18	0	39	14	87	0	0	101	228
3:15 PM	0	8	0	0	8	2	74	6	0	82	14	6	23	0	43	14	64	0	0	78	211
3:30 PM	2	2	1	0	5	1	74	7	0	82	11	13	21	0	45	8	105	1	0	114	246
3:45 PM	2	4	0	0	6	1	83	7	0	91	2	6	12	0	20	14	107	2	0	123	240
Hourly Total	5	16	1	0	22	6	311	23	0	340	41	32	74	0	147	50	363	3	0	416	925
4:00 PM	2	4	1	0	7	1	86	5	0	92	6	8	16	0	30	8	91	2	0	101	230
4:15 PM	4	2	0	0	6	0	79	8	0	87	6	5	14	0	25	8	73	2	0	83	201
4:30 PM	0	4	1	0	5	0	88	7	0	95	4	9	11	0	24	11	92	1	0	104	228
4:45 PM	3	4	1	0	8	2	92	2	0	96	2	7	13	0	22	7	82	2	0	91	217
Hourly Total	9	14	3	0	26	3	345	22	0	370	18	29	54	0	101	34	338	7	0	379	876
5:00 PM	0	6	0	0	6	0	75	7	0	82	7	8	15	0	30	5	84	0	0	89	207
5:15 PM	2	3	1	0	6	0	94	8	0	102	7	3	12	0	22	3	88	2	0	93	223
5:30 PM	2	5	1	0	8	2	89	6	0	97	6	3	16	0	25	8	67	1	0	76	206
5:45 PM	2	1	1	0	4	0	96	3	0	99	1	2	15	0	18	7	82	0	0	89	210
Hourly Total	6	15	3	0	24	2	354	24	0	380	21	16	58	0	95	23	321	3	0	347	846
6:00 PM	0	2	2	0	4	1	79	9	0	89	2	4	5	0	11	8	87	3	0	98	202

6:15 PM	1	2	0	0	3	1	76	6	0	83	2	2	5	0	9	7	75	0	0	82	177
6:30 PM	2	3	0	0	5	0	76	5	0	81	5	3	9	0	17	7	60	1	0	68	171
6:45 PM	0	1	0	0	1	2	69	3	0	74	3	2	6	0	11	8	51	1	0	60	146
Hourly Total	3	8	2	0	13	4	300	23	0	327	12	11	25	0	48	30	273	5	0	308	696
7:00 PM	0	2	0	0	2	1	49	3	0	53	4	1	6	0	11	7	50	0	0	57	123
7:15 PM	1	2	2	0	5	1	70	3	0	74	5	3	4	0	12	2	49	0	0	51	142
7:30 PM	1	2	0	0	3	3	52	4	0	59	0	3	8	0	11	4	46	0	0	50	123
7:45 PM	0	1	0	0	1	0	55	7	0	62	1	2	4	0	7	3	44	0	0	47	117
Hourly Total	2	7	2	0	11	5	226	17	0	248	10	9	22	0	41	16	189	0	0	205	505
8:00 PM	1	3	0	0	4	0	44	2	0	46	1	1	5	0	7	7	43	1	0	51	108
8:15 PM	0	1	3	0	4	2	52	2	0	56	2	3	2	0	7	1	26	1	0	28	95
8:30 PM	0	1	1	0	2	1	44	4	0	49	2	0	3	0	5	2	36	0	0	38	94
8:45 PM	1	0	0	0	1	1	32	2	0	35	1	3	2	0	6	4	31	0	0	35	77
Hourly Total	2	5	4	0	11	4	172	10	0	186	6	7	12	0	25	14	136	2	0	152	374
9:00 PM	0	1	1	0	2	0	28	5	0	33	0	0	3	0	3	7	25	0	0	32	70
9:15 PM	0	0	0	0	0	0	24	0	0	24	1	1	2	0	4	0	17	0	0	17	45
9:30 PM	0	1	0	0	1	0	20	3	0	23	2	1	0	0	3	1	26	0	0	27	54
9:45 PM	0	0	1	0	1	0	22	1	0	23	2	2	0	0	4	1	17	0	0	18	46
Hourly Total	0	2	2	0	4	0	94	9	0	103	5	4	5	0	14	9	85	0	0	94	215
10:00 PM	0	0	0	0	0	0	25	1	0	26	3	0	0	0	3	2	11	0	0	13	42
10:15 PM	1	0	0	0	1	1	16	4	0	21	1	2	0	0	3	0	11	0	0	11	36
10:30 PM	1	0	0	0	1	0	7	1	0	8	2	0	0	0	2	0	6	0	0	6	17
10:45 PM	0	1	0	0	1	0	12	0	0	12	0	2	0	0	2	0	12	0	0	12	27
Hourly Total	2	1	0	0	3	1	60	6	0	67	6	4	0	0	10	2	40	0	0	42	122
11:00 PM	0	1	0	0	1	0	13	0	0	13	0	1	0	0	1	3	12	0	0	15	30
11:15 PM	0	0	1	0	1	0	16	1	0	17	0	0	1	0	1	1	4	0	0	5	24
11:30 PM	0	1	0	0	1	0	9	0	0	9	2	0	0	0	2	1	13	0	0	14	26
11:45 PM	0	1	0	0	1	0	3	3	0	6	1	0	0	0	1	0	8	0	0	8	16
Hourly Total	0	3	1	0	4	0	41	4	0	45	3	1	1	0	5	5	37	0	0	42	96
Grand Total	63	175	50	0	288	47	4078	278	0	4403	264	245	580	0	1089	455	4332	39	1	4827	10607
Approach %	21.9	60.8	17.4	0.0	-	1.1	92.6	6.3	0.0	-	24.2	22.5	53.3	0.0	-	9.4	89.7	0.8	0.0	-	-
Total %	0.6	1.6	0.5	0.0	2.7	0.4	38.4	2.6	0.0	41.5	2.5	2.3	5.5	0.0	10.3	4.3	40.8	0.4	0.0	45.5	-
Motorcycles	0	3	0	0	3	0	19	0	0	19	3	0	1	0	4	2	23	0	0	25	51
% Motorcycles	0.0	1.7	0.0	-	1.0	0.0	0.5	0.0	-	0.4	1.1	0.0	0.2	-	0.4	0.4	0.5	0.0	0.0	0.5	0.5
Cars & Light Goods	62	171	50	0	283	47	3796	271	0	4114	257	241	573	0	1071	448	4056	37	1	4542	10010
% Cars & Light Goods	98.4	97.7	100.0	-	98.3	100.0	93.1	97.5	-	93.4	97.3	98.4	98.8	-	98.3	98.5	93.6	94.9	100.0	94.1	94.4
Buses	1	1	0	0	2	0	8	1	0	9	1	2	3	0	6	2	9	0	0	11	28
% Buses	1.6	0.6	0.0	-	0.7	0.0	0.2	0.4	-	0.2	0.4	0.8	0.5	-	0.6	0.4	0.2	0.0	0.0	0.2	0.3
Single-Unit Trucks	0	0	0	0	0	0	110	6	0	116	3	2	2	0	7	3	111	1	0	115	238
% Single-Unit Trucks	0.0	0.0	0.0	-	0.0	0.0	2.7	2.2	-	2.6	1.1	0.8	0.3	-	0.6	0.7	2.6	2.6	0.0	2.4	2.2
Articulated Trucks	0	0	0	0	0	0	145	0	0	145	0	0	1	0	1	0	133	1	0	134	280
% Articulated Trucks	0.0	0.0	0.0	-	0.0	0.0	3.6	0.0	-	3.3	0.0	0.0	0.2	-	0.1	0.0	3.1	2.6	0.0	2.8	2.6

Clark County-Springfield Transportation Coordinating Committee
3130 E. Main Street

Springfield, Ohio, United States 45503
(937) 521-2131 sschmid@clarkcountyohio.gov

Count Name: High St. and US36
Site Code:
Start Date: 10/14/2020
Page No: 4



Turning Movement Data Plot

Clark County-Springfield Transportation Coordinating Committee
3130 E. Main Street

Springfield, Ohio, United States 45503
(937) 521-2131 sschmid@clarkcountyohio.gov

Count Name: High St. and US36
Site Code:
Start Date: 10/14/2020
Page No: 5

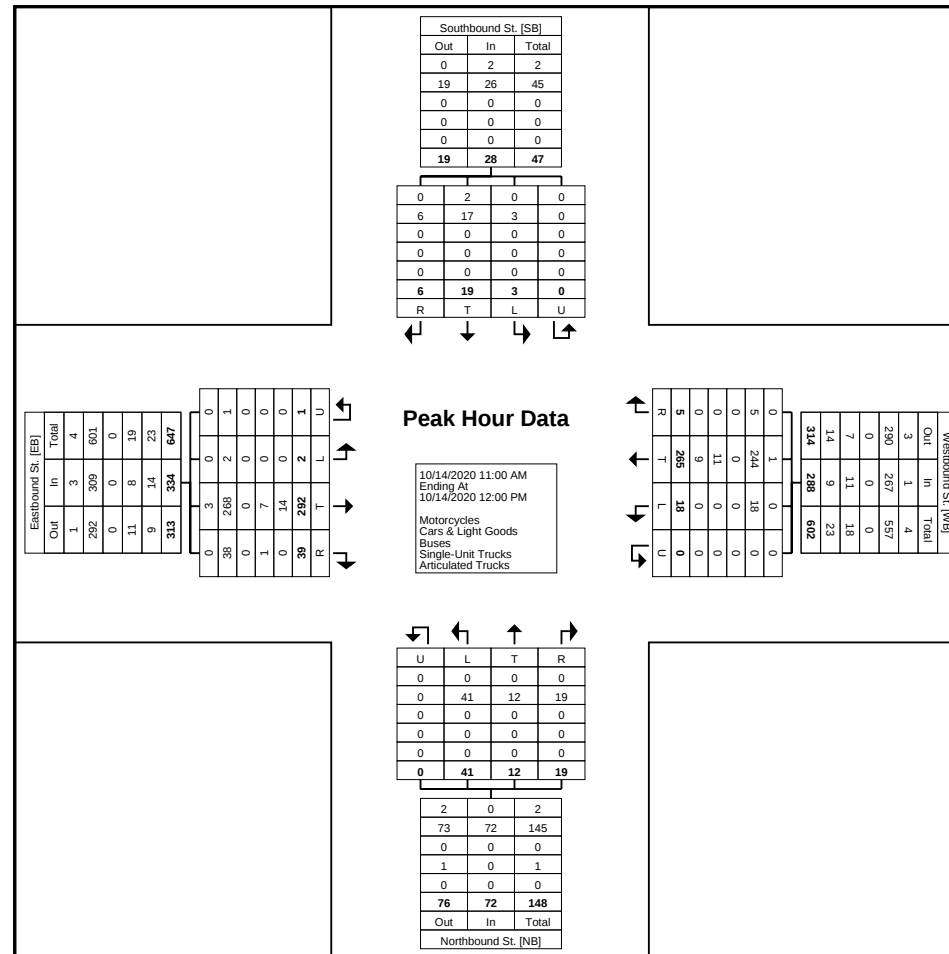
Turning Movement Peak Hour Data (11:00 AM)

Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Eastbound St. Eastbound					Int. Total
	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	
11:00 AM	2	7	2	0	11	0	44	2	0	46	2	3	13	0	18	8	71	0	0	79	154
11:15 AM	3	3	1	0	7	3	68	3	0	74	9	3	11	0	23	9	70	1	1	81	185
11:30 AM	0	5	0	0	5	1	72	8	0	81	4	4	10	0	18	12	84	0	0	96	200
11:45 AM	1	4	0	0	5	1	81	5	0	87	4	2	7	0	13	10	67	1	0	78	183
Total	6	19	3	0	28	5	265	18	0	288	19	12	41	0	72	39	292	2	1	334	722
Approach %	21.4	67.9	10.7	0.0	-	1.7	92.0	6.3	0.0	-	26.4	16.7	56.9	0.0	-	11.7	87.4	0.6	0.3	-	-
Total %	0.8	2.6	0.4	0.0	3.9	0.7	36.7	2.5	0.0	39.9	2.6	1.7	5.7	0.0	10.0	5.4	40.4	0.3	0.1	46.3	-
PHF	0.500	0.679	0.375	0.000	0.636	0.417	0.818	0.563	0.000	0.828	0.528	0.750	0.788	0.000	0.783	0.813	0.869	0.500	0.250	0.870	0.903
Motorcycles	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	6
% Motorcycles	0.0	10.5	0.0	-	7.1	0.0	0.4	0.0	-	0.3	0.0	0.0	0.0	-	0.0	0.0	1.0	0.0	0.0	0.9	0.8
Cars & Light Goods	6	17	3	0	26	5	244	18	0	267	19	12	41	0	72	38	268	2	1	309	674
% Cars & Light Goods	100.0	89.5	100.0	-	92.9	100.0	92.1	100.0	-	92.7	100.0	100.0	100.0	-	100.0	97.4	91.8	100.0	100.0	92.5	93.4
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Buses	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Single-Unit Trucks	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	1	7	0	0	8	19
% Single-Unit Trucks	0.0	0.0	0.0	-	0.0	0.0	4.2	0.0	-	3.8	0.0	0.0	0.0	-	0.0	2.6	2.4	0.0	0.0	2.4	2.6
Articulated Trucks	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	14	0	0	14	23
% Articulated Trucks	0.0	0.0	0.0	-	0.0	0.0	3.4	0.0	-	3.1	0.0	0.0	0.0	-	0.0	0.0	4.8	0.0	0.0	4.2	3.2

Clark County-Springfield Transportation Coordinating Committee
3130 E. Main Street

Springfield, Ohio, United States 45503
(937) 521-2131 sschmid@clarkcountyohio.gov

Count Name: High St. and US36
Site Code:
Start Date: 10/14/2020
Page No: 6



Turning Movement Peak Hour Data Plot (11:00 AM)

Clark County-Springfield Transportation Coordinating Committee
3130 E. Main Street

Springfield, Ohio, United States 45503
(937) 521-2131 sschmid@clarkcountyohio.gov

Count Name: High St. and US36
Site Code:
Start Date: 10/14/2020
Page No: 7

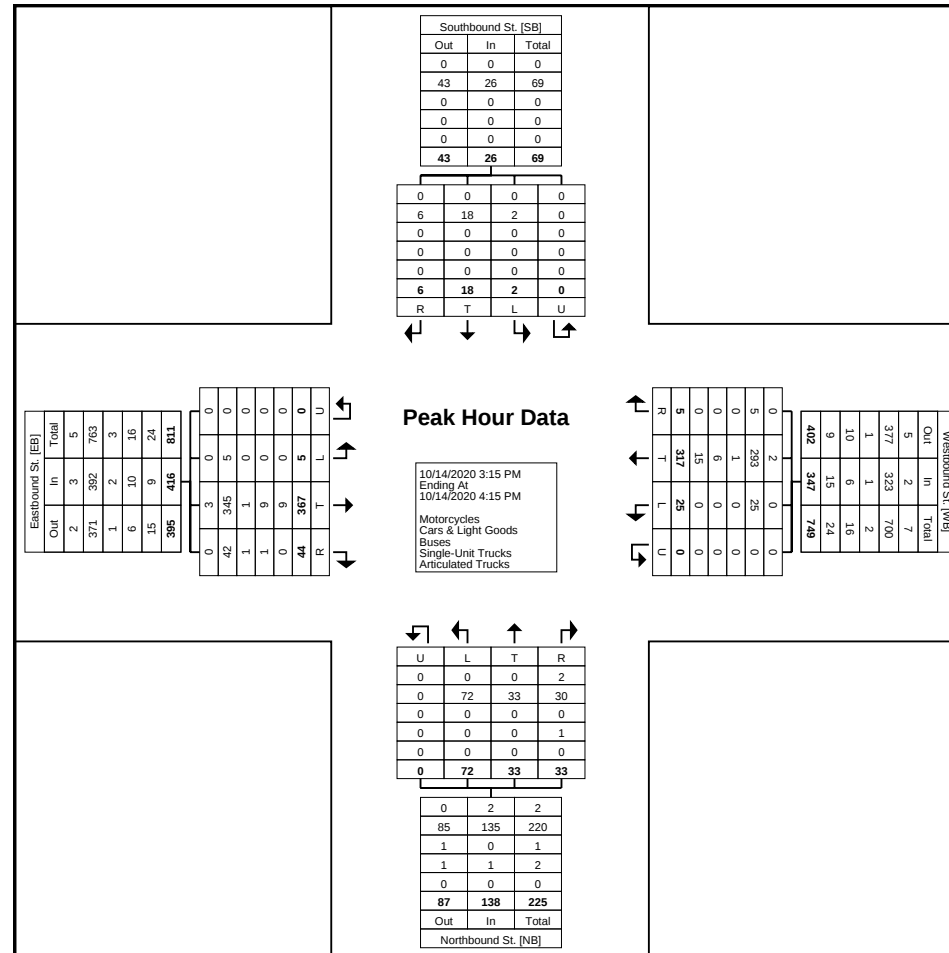
Turning Movement Peak Hour Data (3:15 PM)

Start Time	Southbound St. Southbound					Westbound St. Westbound					Northbound St. Northbound					Eastbound St. Eastbound					Int. Total
	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	Right	Thru	Left	U-Turn	App. Total	
3:15 PM	0	8	0	0	8	2	74	6	0	82	14	6	23	0	43	14	64	0	0	78	211
3:30 PM	2	2	1	0	5	1	74	7	0	82	11	13	21	0	45	8	105	1	0	114	246
3:45 PM	2	4	0	0	6	1	83	7	0	91	2	6	12	0	20	14	107	2	0	123	240
4:00 PM	2	4	1	0	7	1	86	5	0	92	6	8	16	0	30	8	91	2	0	101	230
Total	6	18	2	0	26	5	317	25	0	347	33	33	72	0	138	44	367	5	0	416	927
Approach %	23.1	69.2	7.7	0.0	-	1.4	91.4	7.2	0.0	-	23.9	23.9	52.2	0.0	-	10.6	88.2	1.2	0.0	-	-
Total %	0.6	1.9	0.2	0.0	2.8	0.5	34.2	2.7	0.0	37.4	3.6	3.6	7.8	0.0	14.9	4.7	39.6	0.5	0.0	44.9	-
PHF	0.750	0.563	0.500	0.000	0.813	0.625	0.922	0.893	0.000	0.943	0.589	0.635	0.783	0.000	0.767	0.786	0.857	0.625	0.000	0.846	0.942
Motorcycles	0	0	0	0	0	0	2	0	0	2	2	0	0	0	2	0	3	0	0	3	7
% Motorcycles	0.0	0.0	0.0	-	0.0	0.0	0.6	0.0	-	0.6	6.1	0.0	0.0	-	1.4	0.0	0.8	0.0	-	0.7	0.8
Cars & Light Goods	6	18	2	0	26	5	293	25	0	323	30	33	72	0	135	42	345	5	0	392	876
% Cars & Light Goods	100.0	100.0	100.0	-	100.0	100.0	92.4	100.0	-	93.1	90.9	100.0	100.0	-	97.8	95.5	94.0	100.0	-	94.2	94.5
Buses	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	2	3
% Buses	0.0	0.0	0.0	-	0.0	0.0	0.3	0.0	-	0.3	0.0	0.0	0.0	-	0.0	2.3	0.3	0.0	-	0.5	0.3
Single-Unit Trucks	0	0	0	0	0	0	6	0	0	6	1	0	0	0	1	1	9	0	0	10	17
% Single-Unit Trucks	0.0	0.0	0.0	-	0.0	0.0	1.9	0.0	-	1.7	3.0	0.0	0.0	-	0.7	2.3	2.5	0.0	-	2.4	1.8
Articulated Trucks	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	9	0	0	9	24
% Articulated Trucks	0.0	0.0	0.0	-	0.0	0.0	4.7	0.0	-	4.3	0.0	0.0	0.0	-	0.0	0.0	2.5	0.0	-	2.2	2.6

Clark County-Springfield Transportation Coordinating Committee
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Count Name: High St. and US36
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Start Date: 10/14/2020
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Clark County-Springfield Transportation Coordinating Committee
3130 E. Main Street
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Count Name: High St. and US36
Site Code:
Start Date: 10/14/2020
Page No: 9

Turning Movement Counts Summary Table

Location: Miami Street (US-36) @ Oakland Street (SR-29)

Date of Counts: 10/12/2021



The Kleingers Group

6219 Centre Park Drive, West Chester, OH 45069

513-779-7851

Performed By: TKG & Miovision

AM	EB Miami Street				WB Miami Street				NB				SB Oakland Street			
	LEFT	THRU	RIGHT	PED	LEFT	THRU	RIGHT	PED	LEFT	THRU	RIGHT	PED	LEFT	THRU	RIGHT	PED
6:00 to 6:15 am	3	25				24	8	0				0	14		6	0
6:15 to 6:30 am	3	18				20	5	0				0	11		11	0
6:30 to 6:45 am	6	35				34	8	0				0	9		6	0
6:45 to 7:00 am	6	41				30	10	0				0	21		7	0
7:00 to 7:15 am	5	44				32	10	0				0	17		9	0
7:15 to 7:30 am	2	45				37	9	0				0	20		1	0
7:30 to 7:45 am	8	44				46	9	0				0	22		4	0
7:45 to 8:00 am	6	57				26	11	0				0	24		10	0
8:00 to 8:15 am	2	37				29	12	0				0	16		8	0
8:15 to 8:30 pm	2	32				36	18	0				0	20		7	0
8:30 to 8:45 pm	8	42				32	10	0				0	17		4	0
8:45 to 9:00 pm	8	45				41	16	1				0	19		3	0
9:00 to 9:15 pm	9	51				33	20	0				0	27		4	0
9:15 to 9:30 am	2	35				25	13	0				0	14		5	0
9:30 to 9:45 am	7	41				39	20	0				0	22		3	0
9:45 to 10:00 am	3	43				38	25	0				0	11		3	0
6-7 AM Peak Hr	18	119	0	0	0	108	31	0	0	0	0	0	55	0	30	0
Peak Hr Factor	0.75	0.73				0.79	0.78						0.65		0.68	
7:30-8:30 AM PK	18	170	0	0	0	137	50	0	0	0	0	0	82	0	29	0
Peak Hr Factor	0.56	0.75				0.74	0.69						0.85		0.73	

PM	EB Miami Street				WB Miami Street				NB				SB Oakland Street			
	LEFT	THRU	RIGHT	PED	LEFT	THRU	RIGHT	PED	LEFT	THRU	RIGHT	PED	LEFT	THRU	RIGHT	PED
2:00 to 2:15 pm	6	40				51	27	0				0	18		7	0
2:15 to 2:30 pm	7	40				48	23	2				0	13		10	0
2:30 to 2:45 pm	4	41				47	29	0				0	32		8	0
2:45 to 3:00 pm	8	55				61	41	0				0	23		9	0
3:00 to 3:15 pm	13	61				70	43	0				0	27		15	0
3:15 to 3:30 pm	5	39				61	33	0				0	22		14	0
3:30 to 3:45 pm	14	80				65	41	0				0	23		6	0
3:45 to 4:00 pm	15	62				62	34	0				0	35		7	0
4:00 to 4:15 pm	11	81				64	33	0				0	24		6	0
4:15 to 4:30 pm	8	49				74	39	0				1	23		9	0
4:30 to 4:45 pm	10	56				67	39	0				0	15		8	0
4:45 to 5:00 pm	6	58				62	36	1				0	27		10	0
5:00 to 5:15 pm	8	62				67	30	0				0	25		8	0
5:15 to 5:30 pm	5	54				67	26	0				0	31		2	0
5:30 to 5:45 pm	9	59				66	38	0				0	15		6	0
5:45 to 6:00 pm	10	51				44	25	2				0	11		6	0
6:00 to 6:15 pm	7	35				56	35	0				2	15		7	0
6:15 to 6:30 pm	0	44				53	27	0				0	20		5	0
6:30 to 6:45 pm	5	28				35	33	0				0	12		4	0
6:45 to 7:00 pm	5	36				41	26	0				0	13		5	0
PM Peak Hr Vol.	48	272	0	0	0	265	147	0	0	0	0	1	105	0	28	0
Peak Hr Factor	0.80	0.84				0.90	0.90						0.75		0.78	

Peak Hour Times: AM 7:30 to 8:30 PM 3:30 to 4:30

PHF Calculation

AM Peak $361 / (4 \times 115) = 0.7848$ ODOT minimum of 0.80 used

PM Peak $866 / (4 \times 229) = 0.9454$

Scioto & E Lawn - TMC

Tue Sep 26, 2023

Full Length (5 AM-8 PM)

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

All Movements

ID: 1113463, Location: 40.107388, -83.741027



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	E Lawn Ave Southbound				Scioto St Westbound				Scioto St Eastbound				
Time	R	L	U	App	R	T	U	App	T	L	U	App	Int
2023-09-26 5:00AM	2	3	0	5	1	19	0	20	33	0	0	33	58
5:15AM	2	5	0	7	0	29	0	29	34	0	0	34	70
5:30AM	9	2	0	11	0	39	0	39	27	0	0	27	77
5:45AM	2	2	0	4	0	38	0	38	40	1	0	41	83
Hourly Total	15	12	0	27	1	125	0	126	134	1	0	135	288
6:00AM	5	4	0	9	5	32	0	37	38	1	0	39	85
6:15AM	4	3	0	7	4	45	0	49	50	1	0	51	107
6:30AM	3	2	0	5	3	77	0	80	67	1	0	68	153
6:45AM	2	7	0	9	12	68	0	80	79	3	0	82	171
Hourly Total	14	16	0	30	24	222	0	246	234	6	0	240	516
7:00AM	6	13	0	19	12	67	0	79	73	9	0	82	180
7:15AM	9	14	0	23	20	71	0	91	95	10	0	105	219
7:30AM	7	16	0	23	13	80	0	93	98	2	0	100	216
7:45AM	9	18	0	27	14	85	0	99	88	1	0	89	215
Hourly Total	31	61	0	92	59	303	0	362	354	22	0	376	830
8:00AM	12	13	0	25	17	72	0	89	97	6	0	103	217
8:15AM	14	27	0	41	15	70	0	85	104	4	0	108	234
8:30AM	6	11	0	17	17	68	0	85	98	2	0	100	202
8:45AM	4	15	0	19	11	71	0	82	101	4	0	105	206
Hourly Total	36	66	0	102	60	281	0	341	400	16	0	416	859
9:00AM	3	18	0	21	15	69	0	84	99	3	0	102	207
9:15AM	3	9	0	12	7	47	0	54	97	3	0	100	166
9:30AM	6	15	0	21	18	73	0	91	84	0	0	84	196
9:45AM	4	23	0	27	9	75	0	84	84	3	0	87	198
Hourly Total	16	65	0	81	49	264	0	313	364	9	0	373	767
10:00AM	5	18	0	23	13	79	0	92	100	2	0	102	217
10:15AM	4	17	0	21	7	94	0	101	81	1	0	82	204
10:30AM	3	18	0	21	16	99	0	115	99	4	0	103	239
10:45AM	7	21	0	28	11	86	0	97	107	1	0	108	233
Hourly Total	19	74	0	93	47	358	0	405	387	8	0	395	893
11:00AM	7	23	0	30	22	96	0	118	123	0	0	123	271
11:15AM	4	41	0	45	18	100	0	118	113	5	0	118	281
11:30AM	5	17	0	22	20	110	0	130	116	3	0	119	271
11:45AM	10	17	0	27	24	125	0	149	118	8	0	126	302
Hourly Total	26	98	0	124	84	431	0	515	470	16	0	486	1125
12:00PM	9	25	0	34	10	110	0	120	141	7	0	148	302
12:15PM	7	18	0	25	17	111	0	128	122	8	0	130	283
12:30PM	3	17	0	20	13	104	0	117	110	2	0	112	249
12:45PM	8	23	0	31	9	124	0	133	106	2	0	108	272
Hourly Total	27	83	0	110	49	449	0	498	479	19	0	498	1106
1:00PM	8	28	0	36	16	108	0	124	104	1	0	105	265
1:15PM	2	15	0	17	23	99	0	122	111	7	0	118	257
1:30PM	4	31	0	35	33	104	0	137	118	1	0	119	291
1:45PM	7	15	0	22	16	92	0	108	127	1	0	128	258
Hourly Total	21	89	0	110	88	403	0	491	460	10	0	470	1071
2:00PM	2	33	0	35	25	93	0	118	116	3	0	119	272
2:15PM	8	18	0	26	32	89	0	121	120	4	0	124	271
2:30PM	8	27	0	35	31	105	0	136	96	5	0	101	272
2:45PM	9	36	0	45	31	106	0	137	119	6	0	125	307
Hourly Total	27	114	0	141	119	393	0	512	451	18	0	469	1122
3:00PM	10	29	0	39	30	111	0	141	125	7	0	132	312
3:15PM	10	22	0	32	25	126	0	151	121	7	0	128	311
3:30PM	11	36	0	47	32	100	0	132	113	7	0	120	299
3:45PM	7	30	0	37	41	130	0	171	114	8	0	122	330

Leg Direction	E Lawn Ave Southbound				Scioto St Westbound				Scioto St Eastbound				
Time	R	L	U	App	R	T	U	App	T	L	U	App	Int
Hourly Total	38	117	0	155	128	467	0	595	473	29	0	502	1252
4:00PM	9	32	0	41	41	131	0	172	156	11	0	167	380
4:15PM	5	32	0	37	59	138	0	197	136	10	0	146	380
4:30PM	5	30	0	35	40	131	0	171	125	11	0	136	342
4:45PM	9	24	0	33	48	115	0	163	114	16	0	130	326
Hourly Total	28	118	0	146	188	515	0	703	531	48	0	579	1428
5:00PM	10	22	0	32	43	145	0	188	128	14	0	142	362
5:15PM	5	28	0	33	38	119	0	157	131	10	0	141	331
5:30PM	11	32	0	43	39	116	0	155	121	22	0	143	341
5:45PM	9	13	0	22	37	111	0	148	102	28	0	130	300
Hourly Total	35	95	0	130	157	491	0	648	482	74	0	556	1334
6:00PM	7	29	0	36	37	113	0	150	90	12	0	102	288
6:15PM	12	27	0	39	37	88	0	125	93	13	0	106	270
6:30PM	10	24	0	34	29	107	0	136	86	9	0	95	265
6:45PM	9	31	0	40	31	106	0	137	79	4	0	83	260
Hourly Total	38	111	0	149	134	414	0	548	348	38	0	386	1083
7:00PM	10	35	0	45	23	89	0	112	93	11	0	104	261
7:15PM	18	38	0	56	25	89	0	114	75	3	0	78	248
7:30PM	11	32	0	43	23	75	0	98	60	7	0	67	208
7:45PM	13	26	0	39	20	68	0	88	57	10	0	67	194
Hourly Total	52	131	0	183	91	321	0	412	285	31	0	316	911
Total	423	1250	0	1673	1278	5437	0	6715	5852	345	0	6197	14585
% Approach	25.3%	74.7%	0%	-	19.0%	81.0%	0%	-	94.4%	5.6%	0%	-	-
% Total	2.9%	8.6%	0%	11.5%	8.8%	37.3%	0%	46.0%	40.1%	2.4%	0%	42.5%	-
Lights	403	1218	0	1621	1260	5204	0	6464	5701	337	0	6038	14123
% Lights	95.3%	97.4%	0%	96.9%	98.6%	95.7%	0%	96.3%	97.4%	97.7%	0%	97.4%	96.8%
Articulated Trucks	4	0	0	4	4	113	0	117	33	0	0	33	154
% Articulated Trucks	0.9%	0%	0%	0.2%	0.3%	2.1%	0%	1.7%	0.6%	0%	0%	0.5%	1.1%
Buses and Single-Unit Trucks	16	32	0	48	14	120	0	134	118	8	0	126	308
% Buses and Single-Unit Trucks	3.8%	2.6%	0%	2.9%	1.1%	2.2%	0%	2.0%	2.0%	2.3%	0%	2.0%	2.1%

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

Scioto & E Lawn - TMC

Tue Sep 26, 2023

Full Length (5 AM-8 PM)

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

All Movements

ID: 1113463, Location: 40.107388, -83.741027



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

[N] E Lawn Ave

Total: 3296

In: 1673 Out: 1623

423
1250

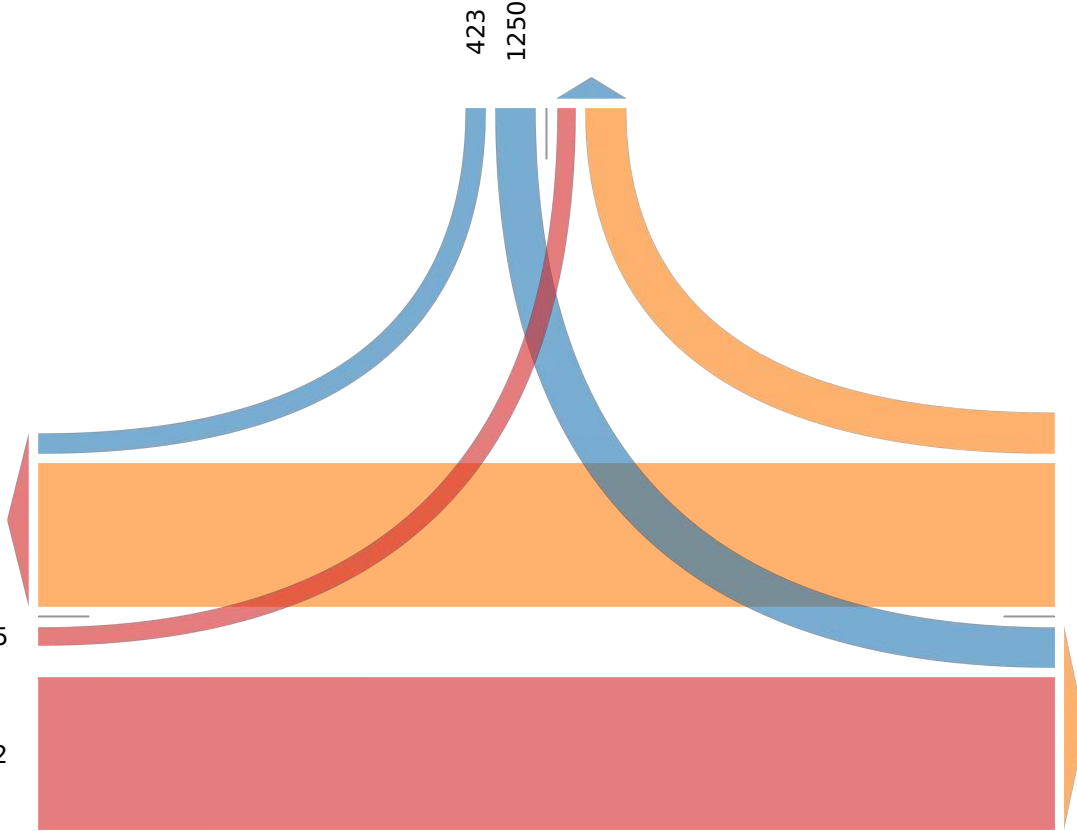
[W] Scioto St

Total: 12057
In: 6197 Out: 5860

345
5852

1278
5437

Out: 7102 In: 6715
Total: 13817
[E] Scioto St



Scioto & E Lawn - TMC

Tue Sep 26, 2023

AM Peak (10 AM - 11 AM)

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

All Movements

ID: 1113463, Location: 40.107388, -83.741027



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	E Lawn Ave Southbound				Scioto St Westbound				Scioto St Eastbound				
Time	R	L	U	App	R	T	U	App	T	L	U	App	Int
2023-09-26 10:00AM	5	18	0	23	13	79	0	92	100	2	0	102	217
10:15AM	4	17	0	21	7	94	0	101	81	1	0	82	204
10:30AM	3	18	0	21	16	99	0	115	99	4	0	103	239
10:45AM	7	21	0	28	11	86	0	97	107	1	0	108	233
Total	19	74	0	93	47	358	0	405	387	8	0	395	893
% Approach	20.4%	79.6%	0%	-	11.6%	88.4%	0%	-	98.0%	2.0%	0%	-	-
% Total	2.1%	8.3%	0%	10.4%	5.3%	40.1%	0%	45.4%	43.3%	0.9%	0%	44.2%	-
PHF	0.679	0.881	-	0.830	0.734	0.904	-	0.880	0.904	0.500	-	0.914	0.934
Lights	17	73	0	90	47	335	0	382	371	8	0	379	851
% Lights	89.5%	98.6%	0%	96.8%	100%	93.6%	0%	94.3%	95.9%	100%	0%	95.9%	95.3%
Articulated Trucks	0	0	0	0	0	8	0	8	0	0	0	0	8
% Articulated Trucks	0%	0%	0%	0%	0%	2.2%	0%	2.0%	0%	0%	0%	0%	0.9%
Buses and Single-Unit Trucks	2	1	0	3	0	15	0	15	16	0	0	16	34
% Buses and Single-Unit Trucks	10.5%	1.4%	0%	3.2%	0%	4.2%	0%	3.7%	4.1%	0%	0%	4.1%	3.8%

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

Scioto & E Lawn - TMC

Tue Sep 26, 2023

AM Peak (10 AM - 11 AM)

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

All Movements

ID: 1113463, Location: 40.107388, -83.741027



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

[N] E Lawn Ave

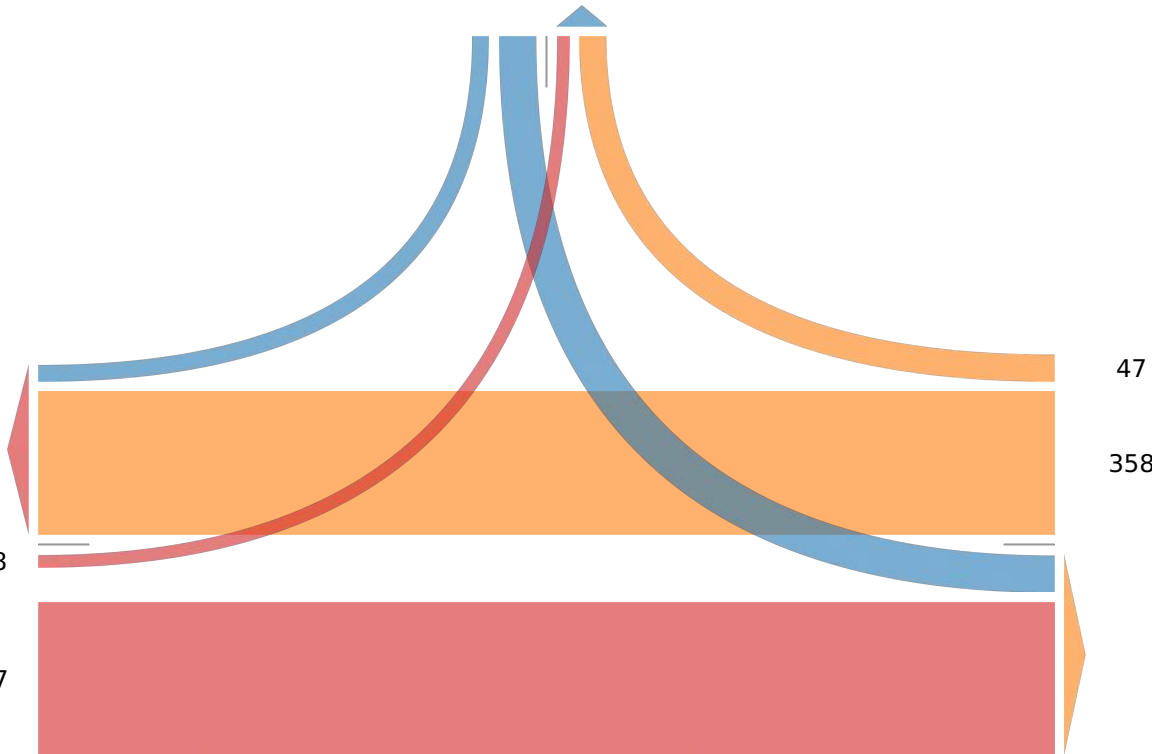
Total: 148

In: 93 Out: 55

19
74

[W] Scioto St
Total: 772
In: 395 Out: 377

8
387



47

358

Out: 461 In: 405
Total: 866
[E] Scioto St

Scioto & E Lawn - TMC

Tue Sep 26, 2023

Midday Peak (11:30 AM - 12:30 PM)

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

All Movements

ID: 1113463, Location: 40.107388, -83.741027



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	E Lawn Ave Southbound				Scioto St Westbound				Scioto St Eastbound				
Time	R	L	U	App	R	T	U	App	T	L	U	App	Int
2023-09-26 11:30AM	5	17	0	22	20	110	0	130	116	3	0	119	271
11:45AM	10	17	0	27	24	125	0	149	118	8	0	126	302
12:00PM	9	25	0	34	10	110	0	120	141	7	0	148	302
12:15PM	7	18	0	25	17	111	0	128	122	8	0	130	283
Total	31	77	0	108	71	456	0	527	497	26	0	523	1158
% Approach	28.7%	71.3%	0%	-	13.5%	86.5%	0%	-	95.0%	5.0%	0%	-	-
% Total	2.7%	6.6%	0%	9.3%	6.1%	39.4%	0%	45.5%	42.9%	2.2%	0%	45.2%	-
PHF	0.775	0.770	-	0.794	0.740	0.912	-	0.884	0.881	0.813	-	0.883	0.959
Lights	29	73	0	102	70	437	0	507	484	26	0	510	1119
% Lights	93.5%	94.8%	0%	94.4%	98.6%	95.8%	0%	96.2%	97.4%	100%	0%	97.5%	96.6%
Articulated Trucks	0	0	0	0	0	13	0	13	0	0	0	0	13
% Articulated Trucks	0%	0%	0%	0%	0%	2.9%	0%	2.5%	0%	0%	0%	0%	1.1%
Buses and Single-Unit Trucks	2	4	0	6	1	6	0	7	13	0	0	13	26
% Buses and Single-Unit Trucks	6.5%	5.2%	0%	5.6%	1.4%	1.3%	0%	1.3%	2.6%	0%	0%	2.5%	2.2%

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

Scioto & E Lawn - TMC

Tue Sep 26, 2023

Midday Peak (11:30 AM - 12:30 PM)

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

All Movements

ID: 1113463, Location: 40.107388, -83.741027



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

[N] E Lawn Ave

Total: 205

In: 108 Out: 97

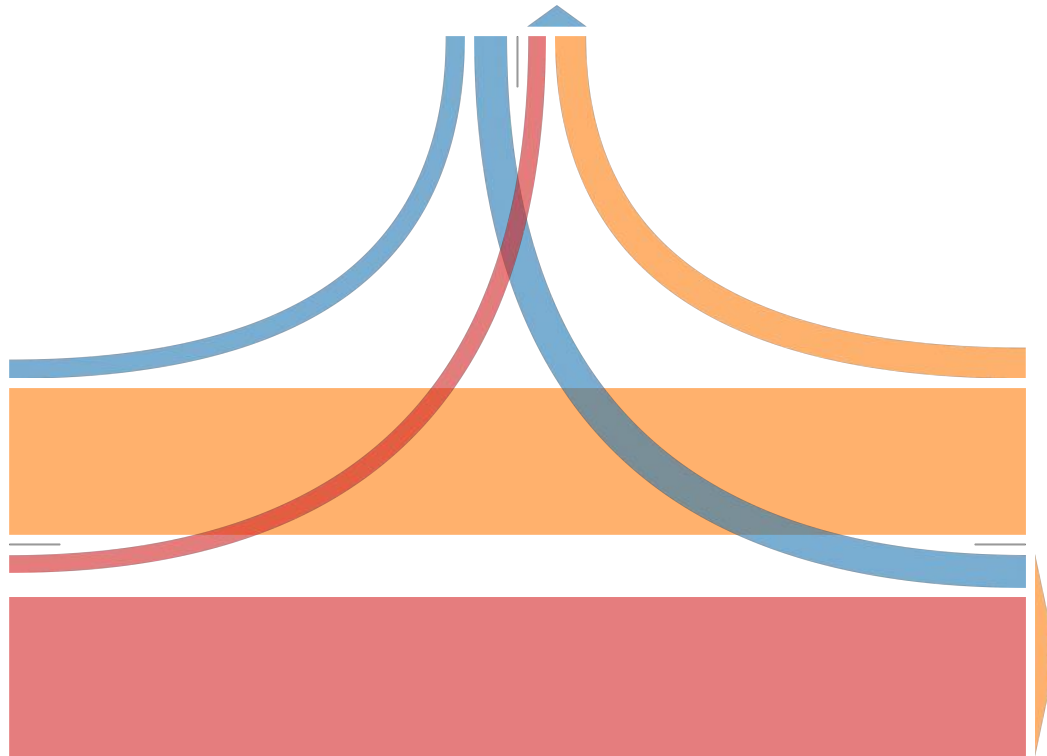
31 77

[W] Scioto St
Total: 1010
In: 523 Out: 487

26 497

71 456

Out: 574 In: 527
Total: 1101
[E] Scioto St



Scioto & E Lawn - TMC

Tue Sep 26, 2023

PM Peak (3:45 PM - 4:45 PM) - Overall Peak Hour

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

All Movements

ID: 1113463, Location: 40.107388, -83.741027



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	E Lawn Ave Southbound				Scioto St Westbound				Scioto St Eastbound				
Time	R	L	U	App	R	T	U	App	T	L	U	App	Int
2023-09-26 3:45PM	7	30	0	37	41	130	0	171	114	8	0	122	330
4:00PM	9	32	0	41	41	131	0	172	156	11	0	167	380
4:15PM	5	32	0	37	59	138	0	197	136	10	0	146	380
4:30PM	5	30	0	35	40	131	0	171	125	11	0	136	342
Total	26	124	0	150	181	530	0	711	531	40	0	571	1432
% Approach	17.3%	82.7%	0%	-	25.5%	74.5%	0%	-	93.0%	7.0%	0%	-	-
% Total	1.8%	8.7%	0%	10.5%	12.6%	37.0%	0%	49.7%	37.1%	2.8%	0%	39.9%	-
PHF	0.722	0.969	-	0.915	0.767	0.960	-	0.902	0.851	0.909	-	0.855	0.942
Lights	24	122	0	146	177	513	0	690	520	36	0	556	1392
% Lights	92.3%	98.4%	0%	97.3%	97.8%	96.8%	0%	97.0%	97.9%	90.0%	0%	97.4%	97.2%
Articulated Trucks	2	0	0	2	1	6	0	7	1	0	0	1	10
% Articulated Trucks	7.7%	0%	0%	1.3%	0.6%	1.1%	0%	1.0%	0.2%	0%	0%	0.2%	0.7%
Buses and Single-Unit Trucks	0	2	0	2	3	11	0	14	10	4	0	14	30
% Buses and Single-Unit Trucks	0%	1.6%	0%	1.3%	1.7%	2.1%	0%	2.0%	1.9%	10.0%	0%	2.5%	2.1%

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

Scioto & E Lawn - TMC

Tue Sep 26, 2023

PM Peak (3:45 PM - 4:45 PM) - Overall Peak Hour

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

All Movements

ID: 1113463, Location: 40.107388, -83.741027



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

[N] E Lawn Ave

Total: 371

In: 150 Out: 221

26
124

[W] Scioto St
Total: 1127
In: 571 Out: 556

40
531

181
530

Out: 655 In: 711
Total: 1366
[E] Scioto St

Scioto St & Finch St - TMC

Fri Dec 1, 2023

Full Length (5 AM-8 PM)

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

All Movements

ID: 1138389, Location: 40.107027, -83.734987



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	Scioto St Westbound				Finch St Northbound				Scioto St Eastbound				
Time	T	L	U	App	R	L	U	App	R	T	U	App	Int
2023-12-01 5:00AM	22	2	0	24	6	1	0	7	2	35	0	37	68
5:15AM	24	1	0	25	2	0	0	2	4	41	0	45	72
5:30AM	39	4	0	43	7	2	0	9	5	33	0	38	90
5:45AM	38	2	0	40	7	2	0	9	3	55	0	58	107
Hourly Total	123	9	0	132	22	5	0	27	14	164	0	178	337
6:00AM	32	5	0	37	9	2	0	11	2	60	0	62	110
6:15AM	50	3	0	53	9	1	0	10	6	42	0	48	111
6:30AM	72	6	0	78	11	4	0	15	10	73	0	83	176
6:45AM	78	8	0	86	12	3	0	15	9	88	0	97	198
Hourly Total	232	22	0	254	41	10	0	51	27	263	0	290	595
7:00AM	85	5	0	90	6	2	0	8	9	107	0	116	214
7:15AM	80	9	0	89	14	2	0	16	13	109	0	122	227
7:30AM	81	7	0	88	13	10	0	23	10	86	0	96	207
7:45AM	89	12	0	101	26	8	0	34	10	126	0	136	271
Hourly Total	335	33	0	368	59	22	0	81	42	428	0	470	919
8:00AM	92	10	0	102	11	1	0	12	5	96	0	101	215
8:15AM	115	8	0	123	19	6	0	25	9	125	0	134	282
8:30AM	121	7	0	128	19	5	0	24	8	145	0	153	305
8:45AM	133	13	0	146	25	5	0	30	12	144	0	156	332
Hourly Total	461	38	0	499	74	17	0	91	34	510	0	544	1134
9:00AM	109	17	0	126	28	7	0	35	3	115	0	118	279
9:15AM	133	12	0	145	18	5	0	23	4	140	0	144	312
9:30AM	129	11	0	140	10	5	0	15	5	168	0	173	328
9:45AM	134	16	0	150	29	8	0	37	7	154	0	161	348
Hourly Total	505	56	0	561	85	25	0	110	19	577	0	596	1267
10:00AM	143	16	0	159	24	6	0	30	1	150	0	151	340
10:15AM	165	11	0	176	25	6	0	31	7	150	0	157	364
10:30AM	179	12	0	191	16	7	0	23	7	144	0	151	365
10:45AM	173	15	0	188	23	3	0	26	4	181	0	185	399
Hourly Total	660	54	0	714	88	22	0	110	19	625	0	644	1468
11:00AM	181	7	0	188	27	5	0	32	5	158	0	163	383
11:15AM	175	13	0	188	20	3	0	23	8	175	0	183	394
11:30AM	189	16	0	205	23	9	0	32	5	173	0	178	415
11:45AM	203	16	0	219	28	6	0	34	0	174	0	174	427
Hourly Total	748	52	0	800	98	23	0	121	18	680	0	698	1619
12:00PM	209	13	0	222	25	10	0	35	9	181	0	190	447
12:15PM	172	16	0	188	23	6	0	29	6	182	0	188	405
12:30PM	187	15	0	202	26	6	0	32	5	184	0	189	423
12:45PM	188	8	0	196	19	11	0	30	4	202	0	206	432
Hourly Total	756	52	0	808	93	33	0	126	24	749	0	773	1707
1:00PM	197	19	0	216	15	7	0	22	4	188	0	192	430
1:15PM	169	7	0	176	21	7	0	28	4	157	0	161	365
1:30PM	165	14	0	179	24	5	0	29	3	175	0	178	386
1:45PM	170	9	0	179	19	9	0	28	4	168	0	172	379
Hourly Total	701	49	0	750	79	28	0	107	15	688	0	703	1560
2:00PM	202	11	0	213	22	2	0	24	3	166	0	169	406
2:15PM	181	16	0	197	25	3	0	28	2	163	0	165	390
2:30PM	209	8	0	217	23	5	0	28	5	158	0	163	408
2:45PM	175	13	0	188	24	7	0	31	8	195	0	203	422
Hourly Total	767	48	0	815	94	17	0	111	18	682	0	700	1626
3:00PM	198	13	0	211	26	6	0	32	4	239	0	243	486
3:15PM	217	15	0	232	22	4	0	26	9	206	1	216	474
3:30PM	206	16	0	222	30	2	0	32	3	183	0	186	440
3:45PM	225	12	0	237	33	5	0	38	5	227	0	232	507

Leg Direction	Scioto St Westbound				Finch St Northbound				Scioto St Eastbound				
Time	T	L	U	App	R	L	U	App	R	T	U	App	Int
Hourly Total	846	56	0	902	111	17	0	128	21	855	1	877	1907
4:00PM	215	11	0	226	27	6	0	33	10	205	0	215	474
4:15PM	224	16	0	240	23	4	0	27	4	212	0	216	483
4:30PM	227	17	0	244	22	9	0	31	10	198	0	208	483
4:45PM	232	14	0	246	21	2	0	23	5	212	0	217	486
Hourly Total	898	58	0	956	93	21	0	114	29	827	0	856	1926
5:00PM	224	13	0	237	24	4	0	28	4	211	0	215	480
5:15PM	211	13	0	224	25	9	0	34	7	181	0	188	446
5:30PM	204	12	0	216	18	6	0	24	5	164	0	169	409
5:45PM	214	13	0	227	16	5	0	21	5	164	0	169	417
Hourly Total	853	51	0	904	83	24	0	107	21	720	0	741	1752
6:00PM	187	10	0	197	18	6	0	24	3	163	0	166	387
6:15PM	185	6	0	191	7	3	0	10	4	136	0	140	341
6:30PM	155	8	0	163	9	4	0	13	2	123	0	125	301
6:45PM	148	2	0	150	11	4	0	15	1	112	0	113	278
Hourly Total	675	26	0	701	45	17	0	62	10	534	0	544	1307
7:00PM	132	4	0	136	8	4	0	12	6	95	0	101	249
7:15PM	106	4	0	110	9	3	0	12	4	91	0	95	217
7:30PM	86	4	0	90	4	0	0	4	2	95	0	97	191
7:45PM	81	3	0	84	5	0	0	5	4	75	0	79	168
Hourly Total	405	15	0	420	26	7	0	33	16	356	0	372	825
Total	8965	619	0	9584	1091	288	0	1379	327	8658	1	8986	19949
% Approach	93.5%	6.5%	0%	-	79.1%	20.9%	0%	-	3.6%	96.3%	0%	-	-
% Total	44.9%	3.1%	0%	48.0%	5.5%	1.4%	0%	6.9%	1.6%	43.4%	0%	45.0%	-
Lights	8729	613	0	9342	1075	287	0	1362	324	8425	1	8750	19454
% Lights	97.4%	99.0%	0%	97.5%	98.5%	99.7%	0%	98.8%	99.1%	97.3%	100%	97.4%	97.5%
Articulated Trucks	84	0	0	84	2	1	0	3	1	99	0	100	187
% Articulated Trucks	0.9%	0%	0%	0.9%	0.2%	0.3%	0%	0.2%	0.3%	1.1%	0%	1.1%	0.9%
Buses and Single-Unit Trucks	152	6	0	158	14	0	0	14	2	134	0	136	308
% Buses and Single-Unit Trucks	1.7%	1.0%	0%	1.6%	1.3%	0%	0%	1.0%	0.6%	1.5%	0%	1.5%	1.5%

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

Scioto St & Finch St - TMC

Fri Dec 1, 2023

Full Length (5 AM-8 PM)

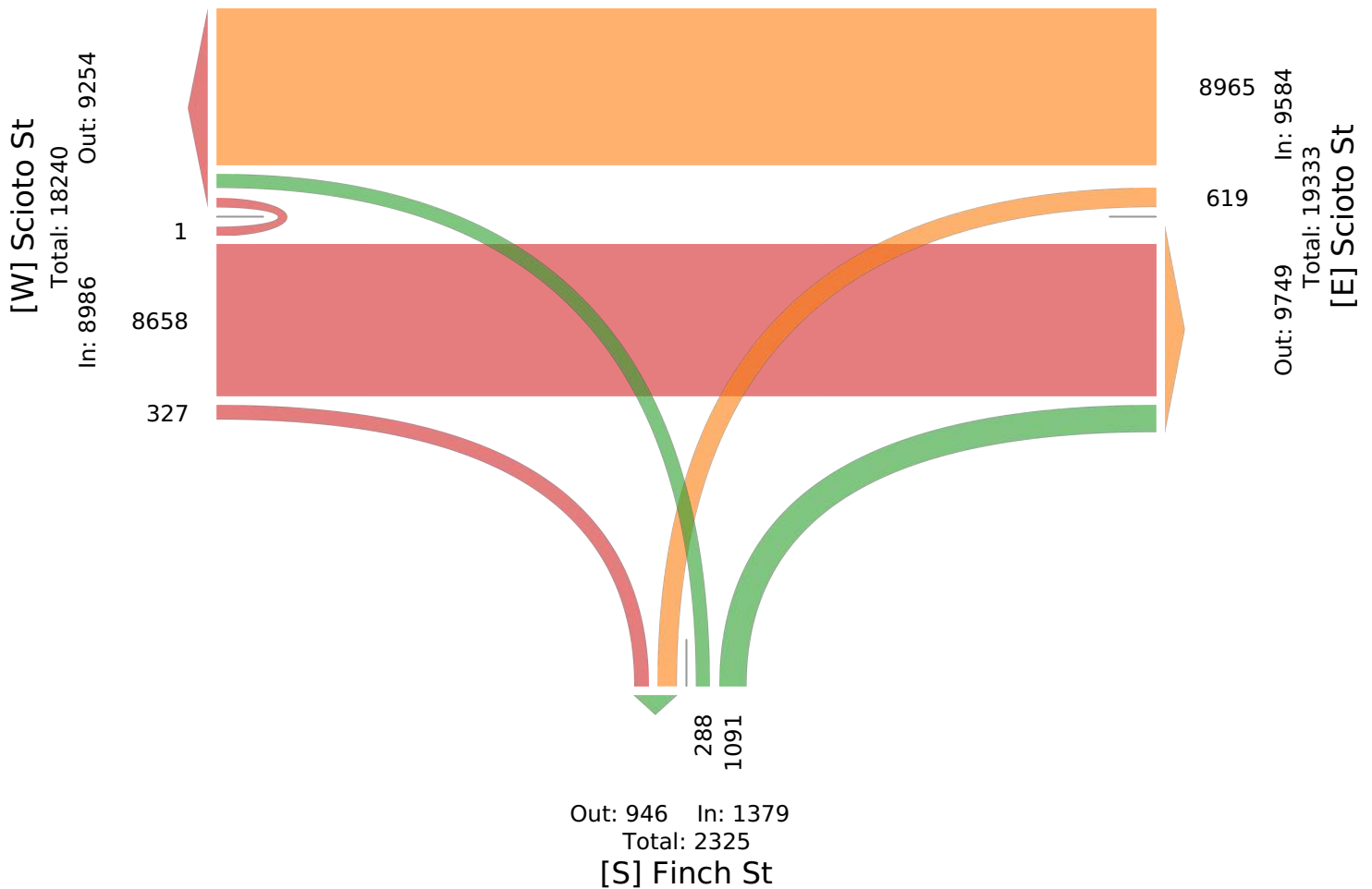
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 1138389, Location: 40.107027, -83.734987



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US



Scioto St & Finch St - TMC

Fri Dec 1, 2023

AM Peak (10 AM - 11 AM)

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

All Movements

ID: 1138389, Location: 40.107027, -83.734987



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	Scioto St Westbound				Finch St Northbound				Scioto St Eastbound				
Time	T	L	U	App	R	L	U	App	R	T	U	App	Int
2023-12-01 10:00AM	143	16	0	159	24	6	0	30	1	150	0	151	340
10:15AM	165	11	0	176	25	6	0	31	7	150	0	157	364
10:30AM	179	12	0	191	16	7	0	23	7	144	0	151	365
10:45AM	173	15	0	188	23	3	0	26	4	181	0	185	399
Total	660	54	0	714	88	22	0	110	19	625	0	644	1468
% Approach	92.4%	7.6%	0%	-	80.0%	20.0%	0%	-	3.0%	97.0%	0%	-	-
% Total	45.0%	3.7%	0%	48.6%	6.0%	1.5%	0%	7.5%	1.3%	42.6%	0%	43.9%	-
PHF	0.922	0.844	-	0.935	0.880	0.786	-	0.887	0.679	0.863	-	0.870	0.920
Lights	637	51	0	688	84	22	0	106	18	603	0	621	1415
% Lights	96.5%	94.4%	0%	96.4%	95.5%	100%	0%	96.4%	94.7%	96.5%	0%	96.4%	96.4%
Articulated Trucks	6	0	0	6	0	0	0	0	1	7	0	8	14
% Articulated Trucks	0.9%	0%	0%	0.8%	0%	0%	0%	0%	5.3%	1.1%	0%	1.2%	1.0%
Buses and Single-Unit Trucks	17	3	0	20	4	0	0	4	0	15	0	15	39
% Buses and Single-Unit Trucks	2.6%	5.6%	0%	2.8%	4.5%	0%	0%	3.6%	0%	2.4%	0%	2.3%	2.7%

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

Scioto St & Finch St - TMC

Fri Dec 1, 2023

AM Peak (10 AM - 11 AM)

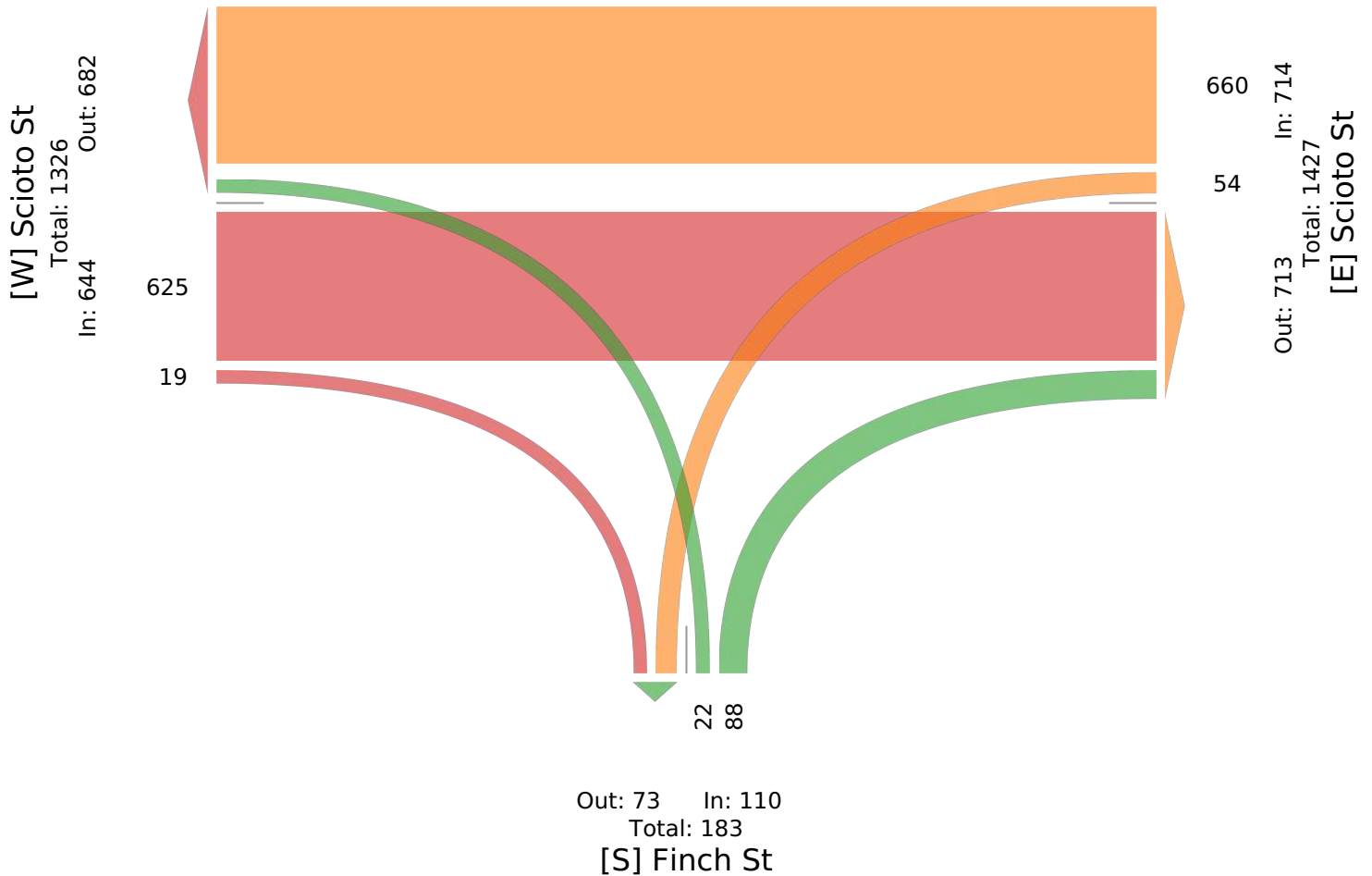
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 1138389, Location: 40.107027, -83.734987



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US



Scioto St & Finch St - TMC

Fri Dec 1, 2023

Midday Peak (12 PM - 1 PM)

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

All Movements

ID: 1138389, Location: 40.107027, -83.734987



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	Scioto St Westbound				Finch St Northbound				Scioto St Eastbound				
Time	T	L	U	App	R	L	U	App	R	T	U	App	Int
2023-12-01 12:00PM	209	13	0	222	25	10	0	35	9	181	0	190	447
12:15PM	172	16	0	188	23	6	0	29	6	182	0	188	405
12:30PM	187	15	0	202	26	6	0	32	5	184	0	189	423
12:45PM	188	8	0	196	19	11	0	30	4	202	0	206	432
Total	756	52	0	808	93	33	0	126	24	749	0	773	1707
% Approach	93.6%	6.4%	0%	-	73.8%	26.2%	0%	-	3.1%	96.9%	0%	-	-
% Total	44.3%	3.0%	0%	47.3%	5.4%	1.9%	0%	7.4%	1.4%	43.9%	0%	45.3%	-
PHF	0.904	0.813	-	0.910	0.894	0.750	-	0.900	0.667	0.927	-	0.938	0.955
Lights	731	52	0	783	92	33	0	125	24	734	0	758	1666
% Lights	96.7%	100%	0%	96.9%	98.9%	100%	0%	99.2%	100%	98.0%	0%	98.1%	97.6%
Articulated Trucks	12	0	0	12	1	0	0	1	0	9	0	9	22
% Articulated Trucks	1.6%	0%	0%	1.5%	1.1%	0%	0%	0.8%	0%	1.2%	0%	1.2%	1.3%
Buses and Single-Unit Trucks	13	0	0	13	0	0	0	0	0	6	0	6	19
% Buses and Single-Unit Trucks	1.7%	0%	0%	1.6%	0%	0%	0%	0%	0%	0.8%	0%	0.8%	1.1%

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

Scioto St & Finch St - TMC

Fri Dec 1, 2023

Midday Peak (12 PM - 1 PM)

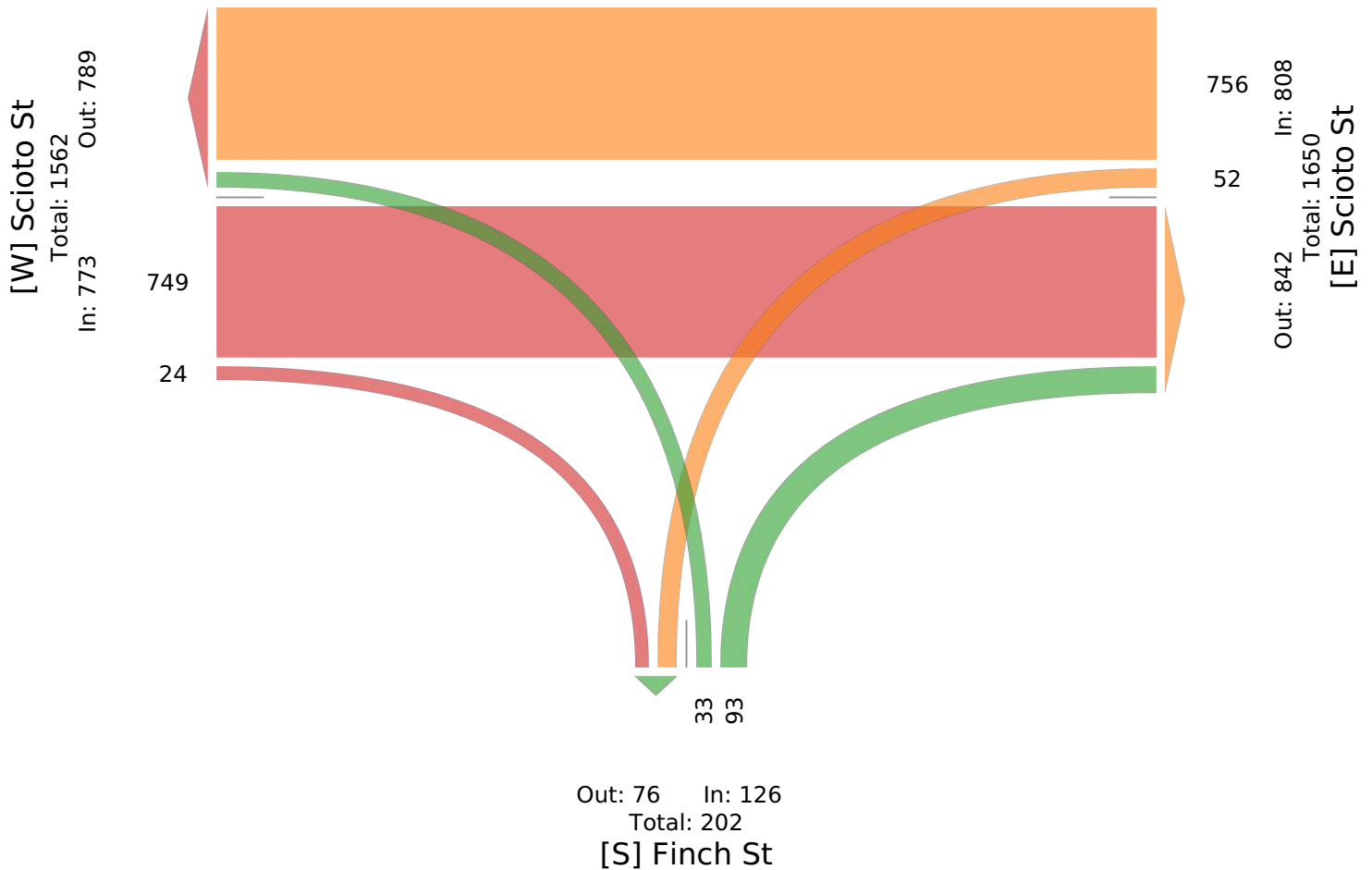
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 1138389, Location: 40.107027, -83.734987



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US



Scioto St & Finch St - TMC

Fri Dec 1, 2023

PM Peak (3:45 PM - 4:45 PM) - Overall Peak Hour

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

All Movements

ID: 1138389, Location: 40.107027, -83.734987



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	Scioto St Westbound				Finch St Northbound				Scioto St Eastbound				
Time	T	L	U	App	R	L	U	App	R	T	U	App	Int
2023-12-01 3:45PM	225	12	0	237	33	5	0	38	5	227	0	232	507
4:00PM	215	11	0	226	27	6	0	33	10	205	0	215	474
4:15PM	224	16	0	240	23	4	0	27	4	212	0	216	483
4:30PM	227	17	0	244	22	9	0	31	10	198	0	208	483
Total	891	56	0	947	105	24	0	129	29	842	0	871	1947
% Approach	94.1%	5.9%	0%	-	81.4%	18.6%	0%	-	3.3%	96.7%	0%	-	-
% Total	45.8%	2.9%	0%	48.6%	5.4%	1.2%	0%	6.6%	1.5%	43.2%	0%	44.7%	-
PHF	0.981	0.824	-	0.970	0.795	0.667	-	0.849	0.725	0.927	-	0.939	0.960
Lights	873	56	0	929	104	24	0	128	29	834	0	863	1920
% Lights	98.0%	100%	0%	98.1%	99.0%	100%	0%	99.2%	100%	99.0%	0%	99.1%	98.6%
Articulated Trucks	5	0	0	5	0	0	0	0	0	3	0	3	8
% Articulated Trucks	0.6%	0%	0%	0.5%	0%	0%	0%	0%	0%	0.4%	0%	0.3%	0.4%
Buses and Single-Unit Trucks	13	0	0	13	1	0	0	1	0	5	0	5	19
% Buses and Single-Unit Trucks	1.5%	0%	0%	1.4%	1.0%	0%	0%	0.8%	0%	0.6%	0%	0.6%	1.0%

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

Scioto St & Finch St - TMC

Fri Dec 1, 2023

PM Peak (3:45 PM - 4:45 PM) - Overall Peak Hour

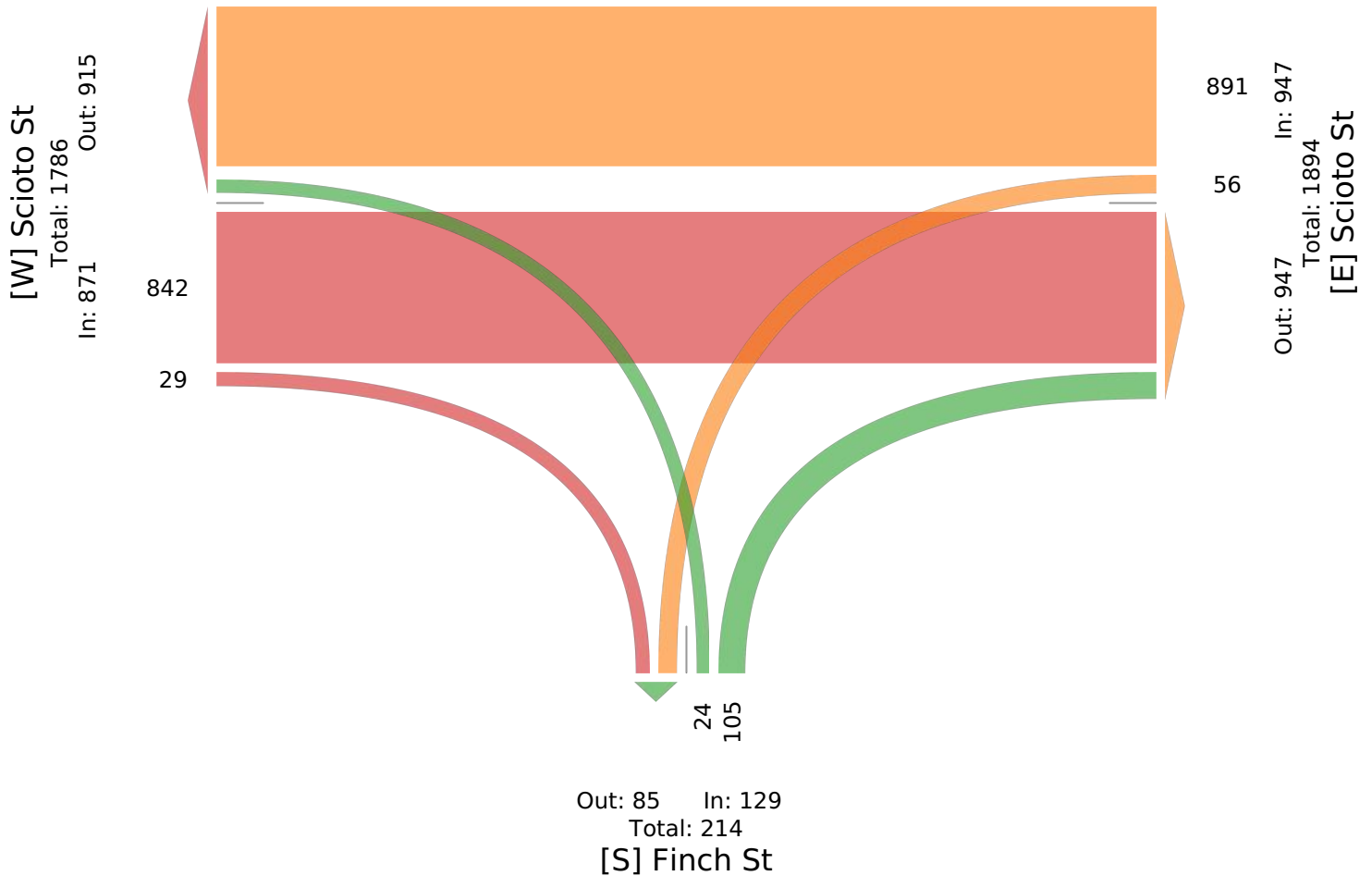
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 1138389, Location: 40.107027, -83.734987



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US



Scioto & Kenton - TMC

Tue Sep 26, 2023

Full Length (5 AM-8 PM)

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

All Movements

ID: 1113467, Location: 40.107886, -83.749362



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	Kenton St Southbound					Scioto St Westbound					Kenton St Northbound					Scioto St Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2023-09-26 5:00AM	1	1	0	0	2	0	21	0	0	21	1	0	0	0	1	0	28	0	0	28	52
5:15AM	1	0	1	0	2	0	28	0	0	28	0	0	1	0	1	0	29	0	0	29	60
5:30AM	0	0	0	0	0	0	52	1	0	53	0	0	0	0	0	0	25	0	0	25	78
5:45AM	4	0	0	0	4	1	40	1	0	42	0	0	0	0	0	2	37	0	0	39	85
Hourly Total	6	1	1	0	8	1	141	2	0	144	1	0	1	0	2	2	119	0	0	121	275
6:00AM	3	0	0	0	3	0	33	2	0	35	0	0	0	0	0	0	38	0	0	38	76
6:15AM	1	1	0	0	2	0	48	1	0	49	1	0	0	0	1	0	45	0	0	45	97
6:30AM	2	0	0	0	2	0	74	1	0	75	0	1	1	0	2	0	67	0	0	67	146
6:45AM	3	0	0	0	3	0	72	0	0	72	1	0	0	0	1	0	80	1	0	81	157
Hourly Total	9	1	0	0	10	0	227	4	0	231	2	1	1	0	4	0	230	1	0	231	476
7:00AM	3	4	0	0	7	2	72	1	0	75	2	3	0	0	5	0	81	1	0	82	169
7:15AM	5	0	1	0	6	2	86	4	0	92	0	3	1	0	4	1	96	0	0	97	199
7:30AM	2	1	1	0	4	2	80	1	0	83	1	0	0	0	1	0	91	0	0	91	179
7:45AM	4	1	1	0	6	2	87	3	0	92	1	1	0	0	2	2	83	0	0	85	185
Hourly Total	14	6	3	0	23	8	325	9	0	342	4	7	1	0	12	3	351	1	0	355	732
8:00AM	3	0	1	0	4	0	75	4	0	79	2	3	1	0	6	0	93	0	0	93	182
8:15AM	4	0	2	0	6	3	93	1	0	97	0	2	0	0	2	0	98	2	0	100	205
8:30AM	3	2	2	0	7	1	76	2	0	79	2	2	1	0	5	1	90	1	0	92	183
8:45AM	2	2	1	0	5	2	71	0	0	73	1	0	0	0	1	0	96	1	0	97	176
Hourly Total	12	4	6	0	22	6	315	7	0	328	5	7	2	0	14	1	377	4	0	382	746
9:00AM	0	0	3	0	3	1	71	3	0	75	0	1	1	0	2	0	92	2	0	94	174
9:15AM	2	3	2	0	7	0	75	4	0	79	0	2	2	0	4	0	96	1	0	97	187
9:30AM	0	1	1	0	2	1	87	3	0	91	1	0	0	0	1	0	83	3	0	86	180
9:45AM	5	1	2	0	8	0	70	4	0	74	0	0	1	0	1	1	84	2	0	87	170
Hourly Total	7	5	8	0	20	2	303	14	0	319	1	3	4	0	8	1	355	8	0	364	711
10:00AM	1	3	4	0	8	1	86	1	0	88	0	1	0	0	1	2	98	1	0	101	198
10:15AM	3	0	4	0	7	3	97	1	0	101	3	0	0	0	3	3	79	1	0	83	194
10:30AM	3	1	2	0	6	1	88	6	0	95	1	3	2	0	6	3	95	0	0	98	205
10:45AM	2	0	6	0	8	2	91	1	0	94	3	2	2	0	7	1	92	1	0	94	203
Hourly Total	9	4	16	0	29	7	362	9	0	378	7	6	4	0	17	9	364	3	0	376	800
11:00AM	0	2	3	0	5	1	86	7	0	94	3	1	1	0	5	1	108	1	0	110	214
11:15AM	2	3	4	0	9	0	99	3	0	102	6	4	2	0	12	1	108	3	0	112	235
11:30AM	1	1	2	0	4	1	100	5	0	106	1	2	1	0	4	2	113	1	0	116	230
11:45AM	3	1	1	0	5	2	126	6	0	134	2	2	0	0	4	2	111	2	0	115	258
Hourly Total	6	7	10	0	23	4	411	21	0	436	12	9	4	0	25	6	440	7	0	453	937
12:00PM	1	0	5	0	6	1	106	3	0	110	3	3	1	0	7	0	144	1	0	145	268
12:15PM	1	0	5	0	6	2	117	2	0	121	2	4	1	0	7	2	111	1	0	114	248
12:30PM	0	1	2	0	3	1	103	1	0	105	3	2	1	0	6	4	96	2	0	102	216
12:45PM	3	2	2	0	7	1	122	4	0	127	0	4	2	0	6	0	104	3	0	107	247
Hourly Total	5	3	14	0	22	5	448	10	0	463	8	13	5	0	26	6	455	7	0	468	979
1:00PM	2	3	2	0	7	2	107	6	0	115	0	3	3	0	6	1	100	2	0	103	231
1:15PM	2	2	2	0	6	2	112	2	0	116	2	1	1	0	4	2	102	0	0	104	230
1:30PM	1	0	2	0	3	2	95	0	0	97	1	2	0	0	3	4	117	1	0	122	225
1:45PM	0	3	4	0	7	5	92	1	0	98	2	4	0	0	6	2	110	3	0	115	226
Hourly Total	5	8	10	0	23	11	406	9	0	426	5	10	4	0	19	9	429	6	0	444	912
2:00PM	2	1	2	0	5	0	95	0	0	95	7	0	1	0	8	2	101	1	0	104	212
2:15PM	2	2	3	0	7	0	91	2	0	93	7	2	0	0	9	2	110	3	0	115	224
2:30PM	2	2	2	0	6	3	99	9	0	111	6	5	1	0	12	0	100	3	0	103	232
2:45PM	3	2	2	0	7	0	112	7	0	119	4	2	1	0	7	5	112	1	0	118	251
Hourly Total	9	7	9	0	25	3	397	18	0	418	24	9	3	0	36	9	423	8	0	440	919
3:00PM	0	5	3	0	8	3	109	3	0	115	4	8	0	0	12	1	120	3	0	124	259
3:15PM	3	3	3	0	9	2	129	7	0	138	2	3	1	0	6	1	124	1	1	127	280
3:30PM	2	3	3	0	8	5	93	2	0	100	1	4	7	0	12	5	114	6	0	125	245
3:45PM	1	6	3	0	10	2	119	5	0	126	3	10	2	0	15	2	111	3	0	116	267

Leg Direction	Kenton St Southbound					Scioto St Westbound					Kenton St Northbound					Scioto St Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
Hourly Total	6	17	12	0	35	12	450	17	0	479	10	25	10	0	45	9	469	13	1	492	1051
4:00PM	2	3	5	0	10	3	138	2	0	143	7	8	1	0	16	2	140	4	0	146	315
4:15PM	0	2	4	0	6	3	134	2	0	139	4	1	2	0	7	1	117	2	0	120	272
4:30PM	2	1	2	0	5	2	132	7	0	141	2	2	1	0	5	1	130	3	0	134	285
4:45PM	1	4	2	0	7	3	99	7	0	109	2	7	1	0	10	3	109	1	0	113	239
Hourly Total	5	10	13	0	28	11	503	18	0	532	15	18	5	0	38	7	496	10	0	513	1111
5:00PM	1	2	4	0	7	10	127	7	0	144	1	3	0	0	4	1	123	0	0	124	279
5:15PM	3	1	8	0	12	5	123	4	0	132	2	3	0	0	5	3	127	2	0	132	281
5:30PM	1	0	13	0	14	7	100	8	0	115	4	4	1	0	9	0	112	2	0	114	252
5:45PM	3	3	8	0	14	4	103	7	0	114	1	2	2	0	5	0	114	3	0	117	250
Hourly Total	8	6	33	0	47	26	453	26	0	505	8	12	3	0	23	4	476	7	0	487	1062
6:00PM	1	0	1	0	2	3	112	0	0	115	4	4	0	0	8	2	96	2	0	100	225
6:15PM	0	3	3	0	6	1	87	1	0	89	4	1	0	0	5	1	97	0	0	98	198
6:30PM	0	1	2	0	3	1	110	2	0	113	1	0	0	0	1	1	91	5	0	97	214
6:45PM	2	0	0	0	2	4	111	2	0	117	0	1	0	0	1	0	78	3	0	81	201
Hourly Total	3	4	6	0	13	9	420	5	0	434	9	6	0	0	15	4	362	10	0	376	838
7:00PM	0	2	5	0	7	0	91	3	0	94	0	0	0	0	0	0	86	3	0	89	190
7:15PM	0	1	6	0	7	3	99	2	0	104	3	3	1	0	7	0	66	4	0	70	188
7:30PM	3	5	6	0	14	0	82	2	0	84	1	1	1	0	3	1	60	5	0	66	167
7:45PM	3	6	3	0	12	2	70	5	0	77	5	1	3	0	9	1	41	6	0	48	146
Hourly Total	6	14	20	0	40	5	342	12	0	359	9	5	5	0	19	2	253	18	0	273	691
Total	110	97	161	0	368	110	5503	181	0	5794	120	131	52	0	303	72	5599	103	1	5775	12240
% Approach	29.9%	26.4%	43.8%	0%	-	1.9%	95.0%	3.1%	0%	-	39.6%	43.2%	17.2%	0%	-	1.2%	97.0%	1.8%	0%	-	-
% Total	0.9%	0.8%	1.3%	0%	3.0%	0.9%	45.0%	1.5%	0%	47.3%	1.0%	1.1%	0.4%	0%	2.5%	0.6%	45.7%	0.8%	0%	47.2%	-
Lights	109	95	161	0	365	109	5249	178	0	5536	119	129	50	0	298	67	5366	101	1	5535	11734
% Lights	99.1%	97.9%	100%	0%	99.2%	99.1%	95.4%	98.3%	0%	95.5%	99.2%	98.5%	96.2%	0%	98.3%	93.1%	95.8%	98.1%	100%	95.8%	95.9%
Articulated Trucks	0	0	0	0	0	0	116	0	0	116	0	0	0	0	0	0	108	0	0	108	224
% Articulated Trucks	0%	0%	0%	0%	0%	0%	2.1%	0%	0%	2.0%	0%	0%	0%	0%	0%	0%	1.9%	0%	0%	1.9%	1.8%
Buses and Single-Unit Trucks	1	2	0	0	3	1	138	3	0	142	1	2	2	0	5	5	125	2	0	132	282
% Buses and Single-Unit Trucks	0.9%	2.1%	0%	0%	0.8%	0.9%	2.5%	1.7%	0%	2.5%	0.8%	1.5%	3.8%	0%	1.7%	6.9%	2.2%	1.9%	0%	2.3%	2.3%

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

Scioto & Kenton - TMC

Tue Sep 26, 2023

Full Length (5 AM-8 PM)

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

All Movements

ID: 1113467, Location: 40.107886, -83.749362



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

[N] Kenton St

Total: 712

In: 368 Out: 344

110
97
161

[W] Scioto St
Total: 11441
In: 5775 Out: 5666

103
5599
72

110
5503
181

[E] Scioto St
Total: 11674
In: 5794 Out: 5880

Out: 350 In: 303
Total: 653
[S] Kenton St

52
131
120

Scioto & Kenton - TMC

Tue Sep 26, 2023

AM Peak (10 AM - 11 AM)

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

All Movements

ID: 1113467, Location: 40.107886, -83.749362



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	Kenton St Southbound					Scioto St Westbound					Kenton St Northbound					Scioto St Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2023-09-26 10:00AM	1	3	4	0	8	1	86	1	0	88	0	1	0	0	1	2	98	1	0	101	198
10:15AM	3	0	4	0	7	3	97	1	0	101	3	0	0	0	3	3	79	1	0	83	194
10:30AM	3	1	2	0	6	1	88	6	0	95	1	3	2	0	6	3	95	0	0	98	205
10:45AM	2	0	6	0	8	2	91	1	0	94	3	2	2	0	7	1	92	1	0	94	203
Total	9	4	16	0	29	7	362	9	0	378	7	6	4	0	17	9	364	3	0	376	800
% Approach	31.0%	13.8%	55.2%	0%	-	1.9%	95.8%	2.4%	0%	-	41.2%	35.3%	23.5%	0%	-	2.4%	96.8%	0.8%	0%	-	-
% Total	1.1%	0.5%	2.0%	0%	3.6%	0.9%	45.3%	1.1%	0%	47.3%	0.9%	0.8%	0.5%	0%	2.1%	1.1%	45.5%	0.4%	0%	47.0%	-
PHF	0.750	0.333	0.667	-	0.906	0.583	0.933	0.375	-	0.936	0.583	0.500	0.500	-	0.607	0.750	0.929	0.750	-	0.931	0.976
Lights	9	4	16	0	29	7	338	9	0	354	6	6	4	0	16	7	339	3	0	349	748
% Lights	100%	100%	100%	0%	100%	100%	93.4%	100%	0%	93.7%	85.7%	100%	100%	0%	94.1%	77.8%	93.1%	100%	0%	92.8%	93.5%
Articulated Trucks	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	10	0	0	10	19
% Articulated Trucks	0%	0%	0%	0%	0%	0%	2.5%	0%	0%	2.4%	0%	0%	0%	0%	0%	0%	2.7%	0%	0%	2.7%	2.4%
Buses and Single-Unit Trucks	0	0	0	0	0	0	15	0	0	15	1	0	0	0	1	2	15	0	0	17	33
% Buses and Single-Unit Trucks	0%	0%	0%	0%	0%	0%	4.1%	0%	0%	4.0%	14.3%	0%	0%	0%	5.9%	22.2%	4.1%	0%	0%	4.5%	4.1%

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

Scioto & Kenton - TMC

Tue Sep 26, 2023

AM Peak (10 AM - 11 AM)

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

All Movements

ID: 1113467, Location: 40.107886, -83.749362



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

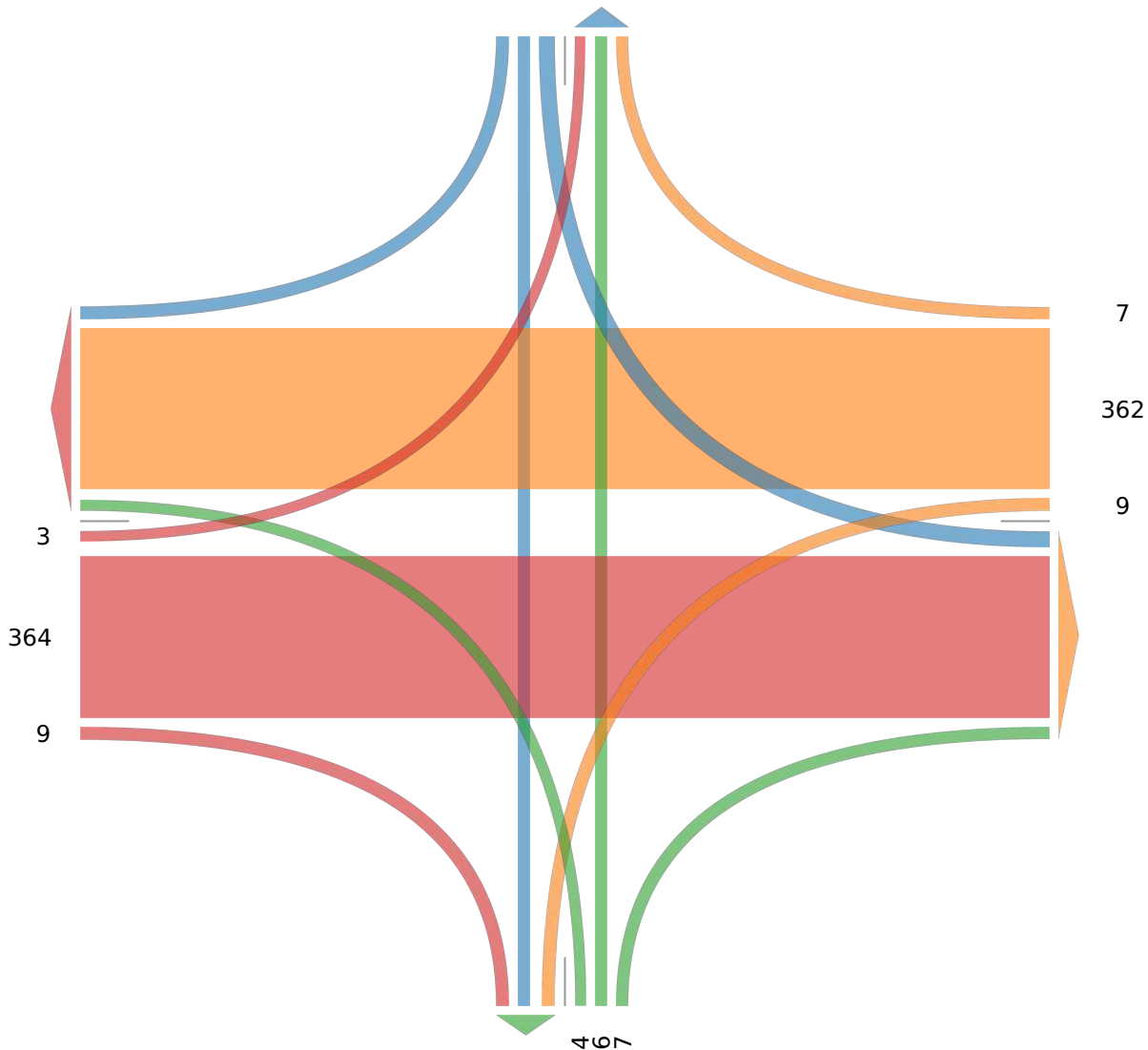
[N] Kenton St

Total: 45

In: 29 Out: 16

9 4 16

[W] Scioto St
Total: 751
In: 376 Out: 375



[E] Scioto St
Total: 765
In: 378 Out: 387

Out: 22 In: 17
Total: 39
[S] Kenton St

Scioto & Kenton - TMC

Tue Sep 26, 2023

Midday Peak (11:30 AM - 12:30 PM)

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

All Movements

ID: 1113467, Location: 40.107886, -83.749362



Provided by: Burgess & Niple, Inc

330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	Kenton St Southbound					Scioto St Westbound					Kenton St Northbound					Scioto St Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2023-09-26 11:30AM	1	1	2	0	4	1	100	5	0	106	1	2	1	0	4	2	113	1	0	116	230
11:45AM	3	1	1	0	5	2	126	6	0	134	2	2	0	0	4	2	111	2	0	115	258
12:00PM	1	0	5	0	6	1	106	3	0	110	3	3	1	0	7	0	144	1	0	145	268
12:15PM	1	0	5	0	6	2	117	2	0	121	2	4	1	0	7	2	111	1	0	114	248
Total	6	2	13	0	21	6	449	16	0	471	8	11	3	0	22	6	479	5	0	490	1004
% Approach	28.6%	9.5%	61.9%	0%	-	1.3%	95.3%	3.4%	0%	-	36.4%	50.0%	13.6%	0%	-	1.2%	97.8%	1.0%	0%	-	-
% Total	0.6%	0.2%	1.3%	0%	2.1%	0.6%	44.7%	1.6%	0%	46.9%	0.8%	1.1%	0.3%	0%	2.2%	0.6%	47.7%	0.5%	0%	48.8%	-
PHF	0.500	0.500	0.650	-	0.875	0.750	0.891	0.667	-	0.879	0.667	0.688	0.750	-	0.786	0.750	0.832	0.625	-	0.845	0.937
Lights	6	2	13	0	21	6	428	16	0	450	8	11	3	0	22	6	453	5	0	464	957
% Lights	100%	100%	100%	0%	100%	100%	95.3%	100%	0%	95.5%	100%	100%	100%	0%	100%	100%	94.6%	100%	0%	94.7%	95.3%
Articulated Trucks	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	16	0	0	16	28
% Articulated Trucks	0%	0%	0%	0%	0%	0%	2.7%	0%	0%	2.5%	0%	0%	0%	0%	0%	0%	3.3%	0%	0%	3.3%	2.8%
Buses and Single-Unit Trucks	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	10	0	0	10	19
% Buses and Single-Unit Trucks	0%	0%	0%	0%	0%	0%	2.0%	0%	0%	1.9%	0%	0%	0%	0%	0%	0%	2.1%	0%	0%	2.0%	1.9%

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

Scioto & Kenton - TMC

Tue Sep 26, 2023

Midday Peak (11:30 AM - 12:30 PM)

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

All Movements

ID: 1113467, Location: 40.107886, -83.749362



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

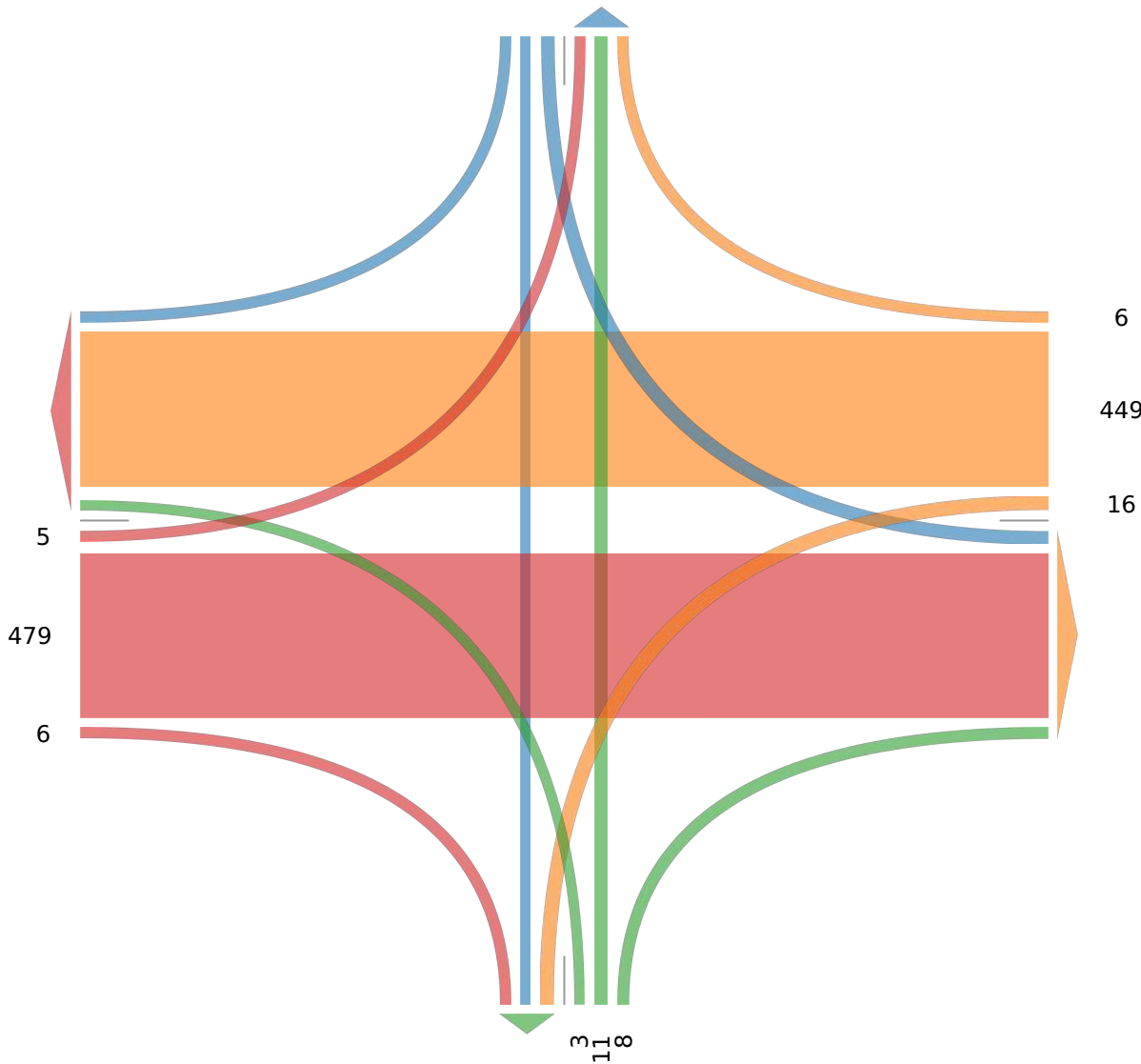
[N] Kenton St

Total: 43

In: 21 Out: 22

6 2 13

[W] Scioto St
Total: 948
In: 490 Out: 458



6
449
16
In: 471
Total: 971
Out: 500
[E] Scioto St

Out: 24 In: 22
Total: 46
[S] Kenton St

Scioto & Kenton - TMC

Tue Sep 26, 2023

PM Peak (3:45 PM - 4:45 PM) - Overall Peak Hour

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

All Movements

ID: 1113467, Location: 40.107886, -83.749362



Provided by: Burgess & Niple, Inc

330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	Kenton St Southbound					Scioto St Westbound					Kenton St Northbound					Scioto St Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2023-09-26 3:45PM	1	6	3	0	10	2	119	5	0	126	3	10	2	0	15	2	111	3	0	116	267
4:00PM	2	3	5	0	10	3	138	2	0	143	7	8	1	0	16	2	140	4	0	146	315
4:15PM	0	2	4	0	6	3	134	2	0	139	4	1	2	0	7	1	117	2	0	120	272
4:30PM	2	1	2	0	5	2	132	7	0	141	2	2	1	0	5	1	130	3	0	134	285
Total	5	12	14	0	31	10	523	16	0	549	16	21	6	0	43	6	498	12	0	516	1139
% Approach	16.1%	38.7%	45.2%	0%	-	1.8%	95.3%	2.9%	0%	-	37.2%	48.8%	14.0%	0%	-	1.2%	96.5%	2.3%	0%	-	-
% Total	0.4%	1.1%	1.2%	0%	2.7%	0.9%	45.9%	1.4%	0%	48.2%	1.4%	1.8%	0.5%	0%	3.8%	0.5%	43.7%	1.1%	0%	45.3%	-
PHF	0.625	0.500	0.700	-	0.775	0.833	0.947	0.571	-	0.960	0.571	0.525	0.750	-	0.672	0.750	0.889	0.750	-	0.884	0.904
Lights	5	12	14	0	31	10	506	16	0	532	16	21	6	0	43	6	482	12	0	500	1106
% Lights	100%	100%	100%	0%	100%	100%	96.7%	100%	0%	96.9%	100%	100%	100%	0%	100%	100%	96.8%	100%	0%	96.9%	97.1%
Articulated Trucks	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	4	0	0	4	10
% Articulated Trucks	0%	0%	0%	0%	0%	0%	1.1%	0%	0%	1.1%	0%	0%	0%	0%	0%	0%	0.8%	0%	0%	0.8%	0.9%
Buses and Single-Unit Trucks	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	12	0	0	12	23
% Buses and Single-Unit Trucks	0%	0%	0%	0%	0%	0%	2.1%	0%	0%	2.0%	0%	0%	0%	0%	0%	0%	2.4%	0%	0%	2.3%	2.0%

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

Scioto & Kenton - TMC

Tue Sep 26, 2023

PM Peak (3:45 PM - 4:45 PM) - Overall Peak Hour

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

All Movements

ID: 1113467, Location: 40.107886, -83.749362



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

[N] Kenton St

Total: 74

In: 31 Out: 43

5
12
14



Out: 34 In: 43

Total: 77

[S] Kenton St

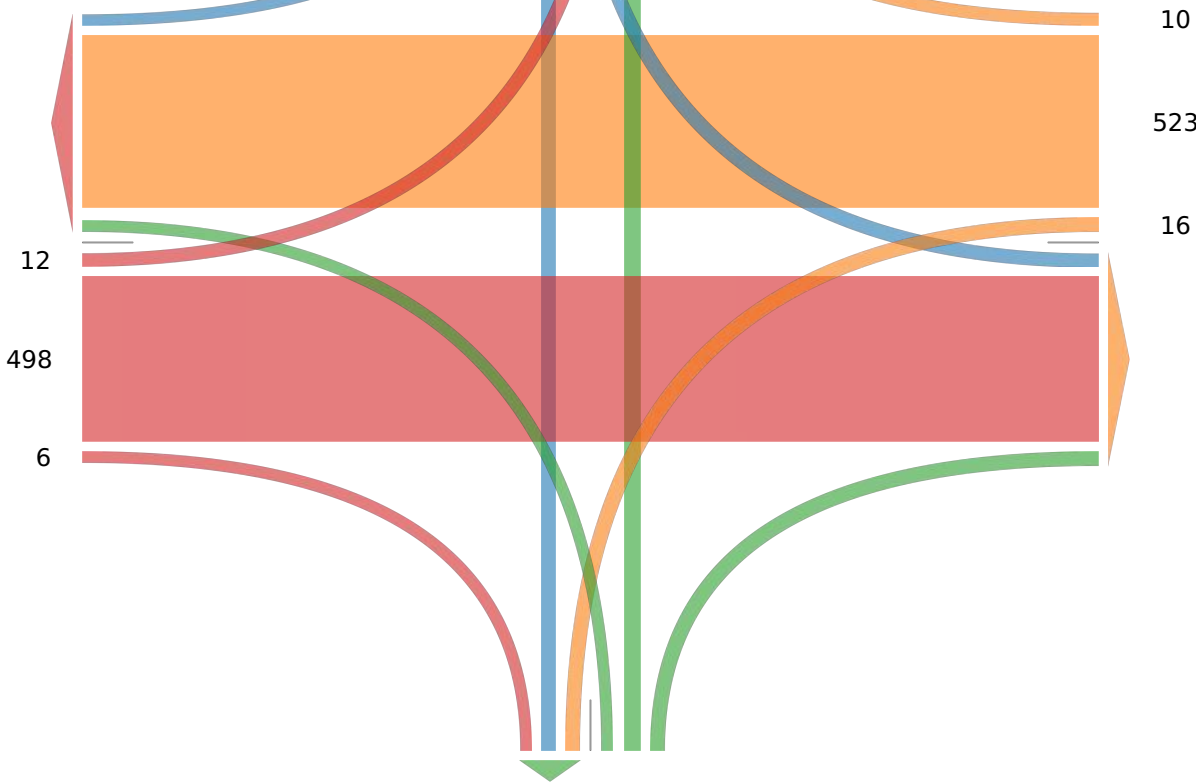
[W] Scioto St

Total: 1050

In: 516

Out: 534

12
498
6



Out: 528 In: 549

Total: 1077

[E] Scioto St

Scioto & SR 29 - TMC

Tue Sep 26, 2023

Full Length (5 AM-8 PM)

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

All Movements

ID: 1113470, Location: 40.106679, -83.729462



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	Hospital Driveway Southbound					US 36 Westbound					Scioto St (SR 29) Northwestbound					Scioto St (US 36) Eastbound					
Time	R	BL	L	U	App	R	T	HL	U	App	HR	BR	BL	U	App	BR	T	L	U	App	Int
2023-09-26 5:00AM	0	0	0	0	0	0	13	0	0	13	0	0	5	0	5	24	25	0	0	49	67
5:15AM	0	0	0	0	0	0	25	0	0	25	0	0	7	0	7	25	24	0	0	49	81
5:30AM	0	0	1	0	1	1	39	0	0	40	0	0	9	0	9	21	18	0	0	39	89
5:45AM	1	0	0	0	1	2	37	0	0	39	0	0	6	0	6	28	36	1	0	65	111
Hourly Total	1	0	1	0	2	3	114	0	0	117	0	0	27	0	27	98	103	1	0	202	348
6:00AM	0	0	0	0	0	0	35	0	0	35	0	0	4	0	4	26	27	0	0	53	92
6:15AM	1	0	0	0	1	1	34	0	0	35	0	0	19	0	19	33	41	1	0	75	130
6:30AM	0	0	0	0	0	1	53	0	0	54	0	0	34	0	34	33	45	1	0	79	167
6:45AM	0	0	0	0	0	3	63	0	0	66	0	0	38	0	38	48	68	6	0	122	226
Hourly Total	1	0	0	0	1	5	185	0	0	190	0	0	95	0	95	140	181	8	0	329	615
7:00AM	1	0	1	0	2	1	51	0	0	52	0	0	39	0	39	44	56	0	0	100	193
7:15AM	1	0	0	0	1	2	62	0	0	64	0	0	49	0	49	64	64	0	0	128	242
7:30AM	1	0	0	0	1	1	64	0	0	65	0	0	45	0	45	65	53	2	0	120	231
7:45AM	0	0	1	0	1	5	76	0	0	81	0	0	51	0	51	47	77	0	0	124	257
Hourly Total	3	0	2	0	5	9	253	0	0	262	0	0	184	0	184	220	250	2	0	472	923
8:00AM	0	0	0	0	0	3	74	0	0	77	0	0	47	0	47	40	88	1	0	129	253
8:15AM	0	0	0	0	0	1	70	0	0	71	0	0	45	0	45	66	101	0	0	167	283
8:30AM	0	0	2	0	2	1	66	0	0	67	0	0	49	0	49	50	101	1	0	152	270
8:45AM	0	0	0	0	0	2	65	0	0	67	0	0	49	0	49	51	89	2	0	142	258
Hourly Total	0	0	2	0	2	7	275	0	0	282	0	0	190	0	190	207	379	4	0	590	1064
9:00AM	0	0	2	0	2	1	68	0	0	69	0	0	40	0	40	65	84	1	0	150	261
9:15AM	0	0	0	0	0	2	67	0	0	69	0	0	49	0	49	52	90	2	0	144	262
9:30AM	0	0	0	0	0	2	87	0	0	89	0	0	58	0	58	49	83	0	0	132	279
9:45AM	3	0	1	0	4	3	86	0	0	89	0	0	36	0	36	57	89	0	0	146	275
Hourly Total	3	0	3	0	6	8	308	0	0	316	0	0	183	0	183	223	346	3	0	572	1077
10:00AM	1	0	1	0	2	3	81	0	0	84	0	0	60	0	60	49	87	1	0	137	283
10:15AM	0	0	1	0	1	3	93	0	0	96	0	0	68	0	68	55	82	1	0	138	303
10:30AM	2	0	3	0	5	8	97	0	0	105	0	0	53	0	53	65	93	1	0	159	322
10:45AM	0	0	2	0	2	3	94	0	0	97	0	0	59	0	59	39	110	0	0	149	307
Hourly Total	3	0	7	0	10	17	365	0	0	382	0	0	240	0	240	208	372	3	0	583	1215
11:00AM	0	0	1	0	1	3	106	0	0	109	0	0	64	0	64	62	111	1	0	174	348
11:15AM	2	0	3	0	5	2	97	0	0	99	0	0	59	0	59	71	95	2	0	168	331
11:30AM	0	0	3	0	3	0	109	0	0	109	0	0	68	0	68	75	110	0	0	185	365
11:45AM	0	0	0	0	0	3	103	0	0	106	0	0	69	0	69	73	87	0	0	160	335
Hourly Total	2	0	7	0	9	8	415	0	0	423	0	0	260	0	260	281	403	3	0	687	1379
12:00PM	1	0	4	0	5	0	105	0	0	105	0	0	76	0	76	68	111	1	0	180	366
12:15PM	0	0	3	0	3	0	96	0	0	96	0	0	66	0	66	74	91	1	0	166	331
12:30PM	1	0	0	0	1	0	106	0	0	106	0	0	70	0	70	64	98	0	0	162	339
12:45PM	1	0	0	0	1	2	106	0	0	108	0	0	83	0	83	84	123	0	0	207	399
Hourly Total	3	0	7	0	10	2	413	0	0	415	0	0	295	0	295	290	423	2	0	715	1435
1:00PM	0	0	2	0	2	3	103	0	0	106	0	0	55	0	55	56	116	0	0	172	335
1:15PM	2	0	2	0	4	2	93	0	0	95	0	0	58	0	58	60	83	0	0	143	300
1:30PM	2	0	1	0	3	1	90	0	0	91	0	0	72	0	72	75	107	1	0	183	349
1:45PM	0	0	1	0	1	1	88	0	0	89	0	0	57	0	57	75	106	0	0	181	328
Hourly Total	4	0	6	0	10	7	374	0	0	381	0	0	242	0	242	266	412	1	0	679	1312
2:00PM	0	0	0	0	0	1	109	0	0	110	0	0	70	0	70	82	109	2	0	193	373
2:15PM	0	0	0	0	0	1	102	0	0	103	0	0	73	0	73	75	100	1	0	176	352
2:30PM	0	0	1	0	1	1	107	0	0	108	0	0	94	0	94	72	111	3	0	186	389
2:45PM	0	0	0	0	0	1	113	0	0	114	0	0	75	0	75	98	142	1	0	241	430
Hourly Total	0	0	1	0	1	4	431	0	0	435	0	0	312	0	312	327	462	7	0	796	1544
3:00PM	1	0	0	0	1	1	110	0	0	111	0	0	74	0	74	92	100	0	0	192	378
3:15PM	3	0	0	0	3	1	107	0	0	108	0	0	68	0	68	71	121	0	0	192	371
3:30PM	2	0	0	0	2	2	113	0	0	115	0	0	72	0	72	69	122	2	0	193	382
3:45PM	0	0	1	0	1	1	132	0	0	133	0	0	90	0	90	100	144	0	0	244	468

Leg Direction	Hospital Driveway Southbound					US 36 Westbound					Scioto St (SR 29) Northwestbound					Scioto St (US 36) Eastbound					
Time	R	BL	L	U	App	R	T	HL	U	App	HR	BR	BL	U	App	BR	T	L	U	App	Int
Hourly Total	6	0	1	0	7	5	462	0	0	467	0	0	304	0	304	332	487	2	0	821	1599
4:00PM	0	0	3	0	3	0	126	0	0	126	0	0	97	0	97	110	130	1	0	241	467
4:15PM	0	0	1	0	1	1	138	0	0	139	0	0	92	0	92	91	152	0	0	243	475
4:30PM	1	0	2	0	3	0	140	0	0	140	0	0	102	0	102	79	118	1	0	198	443
4:45PM	0	0	0	0	0	0	118	0	0	118	0	0	78	0	78	80	112	0	0	192	388
Hourly Total	1	0	6	0	7	1	522	0	0	523	0	0	369	0	369	360	512	2	0	874	1773
5:00PM	3	0	1	0	4	0	135	0	0	135	0	0	100	0	100	89	91	0	0	180	419
5:15PM	0	0	0	0	0	1	120	0	0	121	0	0	96	0	96	79	113	2	0	194	411
5:30PM	1	0	1	0	2	1	119	0	0	120	0	0	76	0	76	77	106	3	0	186	384
5:45PM	1	0	0	0	1	2	98	0	0	100	0	0	74	0	74	66	99	2	0	167	342
Hourly Total	5	0	2	0	7	4	472	0	0	476	0	0	346	0	346	311	409	7	0	727	1556
6:00PM	0	0	0	0	0	1	115	0	0	116	0	0	71	0	71	64	65	0	0	129	316
6:15PM	2	0	3	0	5	1	77	0	0	78	0	0	74	0	74	58	70	1	0	129	286
6:30PM	1	0	0	0	1	2	108	0	0	110	0	0	67	0	67	62	71	0	0	133	311
6:45PM	0	0	0	0	0	1	86	0	0	87	0	0	73	0	73	53	77	1	0	131	291
Hourly Total	3	0	3	0	6	5	386	0	0	391	0	0	285	0	285	237	283	2	0	522	1204
7:00PM	2	0	2	0	4	0	80	0	0	80	0	0	52	0	52	65	65	0	0	130	266
7:15PM	0	0	0	0	0	1	70	0	0	71	0	0	63	0	63	57	56	0	0	113	247
7:30PM	1	0	0	0	1	1	68	0	0	69	0	0	44	0	44	42	55	0	0	97	211
7:45PM	0	0	0	0	0	0	55	0	0	55	0	0	39	0	39	48	48	0	0	96	190
Hourly Total	3	0	2	0	5	2	273	0	0	275	0	0	198	0	198	212	224	0	0	436	914
Total	38	0	50	0	88	87	5248	0	0	5335	0	0	3530	0	3530	3712	5246	47	0	9005	17958
% Approach	43.2%	0%	56.8%	0%	-	1.6%	98.4%	0%	0%	-	0%	0%	100%	0%	-	41.2%	58.3%	0.5%	0%	-	-
% Total	0.2%	0%	0.3%	0%	0.5%	0.5%	29.2%	0%	0%	29.7%	0%	0%	19.7%	0%	19.7%	20.7%	29.2%	0.3%	0%	50.1%	-
Lights	37	0	49	0	86	84	5107	0	0	5191	0	0	3406	0	3406	3606	5106	46	0	8758	17441
% Lights	97.4%	0%	98.0%	0%	97.7%	96.6%	97.3%	0%	0%	97.3%	0%	0%	96.5%	0%	96.5%	97.1%	97.3%	97.9%	0%	97.3%	97.1%
Articulated Trucks	0	0	0	0	0	0	57	0	0	57	0	0	51	0	51	46	53	0	0	99	207
% Articulated Trucks	0%	0%	0%	0%	0%	0%	1.1%	0%	0%	1.1%	0%	0%	1.4%	0%	1.4%	1.2%	1.0%	0%	0%	1.1%	1.2%
Buses and Single-Unit Trucks	1	0	1	0	2	3	84	0	0	87	0	0	73	0	73	60	87	1	0	148	310
% Buses and Single-Unit Trucks	2.6%	0%	2.0%	0%	2.3%	3.4%	1.6%	0%	0%	1.6%	0%	0%	2.1%	0%	2.1%	1.6%	1.7%	2.1%	0%	1.6%	1.7%

* BL: Bear left, BR: Bear right, HL: Hard left, HR: Hard right, L: Left, R: Right, T: Thru, U: U-Turn

Scioto & SR 29 - TMC

Tue Sep 26, 2023

Full Length (5 AM-8 PM)

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

All Movements

ID: 1113470, Location: 40.106679, -83.729462



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

[N] Hospital Driveway

Total: 222
In: 88 Out: 134

880

[W] Scioto St (US 36)

Total: 17821
In: 9005 Out: 8816

47
5246
3712

87
5248

Out: 5296 In: 5335
Total: 10631
[E] US 36

3530
Out: 3712 In: 3530
Total: 7242
[SE] Scioto St (SR 29)

Scioto & SR 29 - TMC

Tue Sep 26, 2023

AM Peak (10 AM - 11 AM)

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

All Movements

ID: 1113470, Location: 40.106679, -83.729462



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	Hospital Driveway Southbound					US 36 Westbound					Scioto St (SR 29) Northwestbound					Scioto St (US 36) Eastbound					
Time	R	BL	L	U	App	R	T	HL	U	App	HR	BR	BL	U	App	BR	T	L	U	App	Int
2023-09-26 10:00AM	1	0	1	0	2	3	81	0	0	84	0	0	60	0	60	49	87	1	0	137	283
10:15AM	0	0	1	0	1	3	93	0	0	96	0	0	68	0	68	55	82	1	0	138	303
10:30AM	2	0	3	0	5	8	97	0	0	105	0	0	53	0	53	65	93	1	0	159	322
10:45AM	0	0	2	0	2	3	94	0	0	97	0	0	59	0	59	39	110	0	0	149	307
Total	3	0	7	0	10	17	365	0	0	382	0	0	240	0	240	208	372	3	0	583	1215
% Approach	30.0%	0%	70.0%	0%	-	4.5%	95.5%	0%	0%	-	0%	0%	100%	0%	-	35.7%	63.8%	0.5%	0%	-	-
% Total	0.2%	0%	0.6%	0%	0.8%	1.4%	30.0%	0%	0%	31.4%	0%	0%	19.8%	0%	19.8%	17.1%	30.6%	0.2%	0%	48.0%	-
PHF	0.375	-	0.583	-	0.500	0.531	0.941	-	-	0.910	-	-	0.882	-	0.882	0.800	0.845	0.750	-	0.917	0.943
Lights	3	0	6	0	9	15	349	0	0	364	0	0	225	0	225	198	361	3	0	562	1160
% Lights	100%	0%	85.7%	0%	90.0%	88.2%	95.6%	0%	0%	95.3%	0%	0%	93.8%	0%	93.8%	95.2%	97.0%	100%	0%	96.4%	95.5%
Articulated Trucks	0	0	0	0	0	0	3	0	0	3	0	0	5	0	5	3	6	0	0	9	17
% Articulated Trucks	0%	0%	0%	0%	0%	0%	0.8%	0%	0%	0.8%	0%	0%	2.1%	0%	2.1%	1.4%	1.6%	0%	0%	1.5%	1.4%
Buses and Single-Unit Trucks	0	0	1	0	1	2	13	0	0	15	0	0	10	0	10	7	5	0	0	12	38
% Buses and Single-Unit Trucks	0%	0%	14.3%	0%	10.0%	11.8%	3.6%	0%	0%	3.9%	0%	0%	4.2%	0%	4.2%	3.4%	1.3%	0%	0%	2.1%	3.1%

* BL: Bear left, BR: Bear right, HL: Hard left, HR: Hard right, L: Left, R: Right, T: Thru, U: U-Turn

Scioto & SR 29 - TMC

Tue Sep 26, 2023

AM Peak (10 AM - 11 AM)

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

All Movements

ID: 1113470, Location: 40.106679, -83.729462



Provided by: Burgess & Niple, Inc

330 Rush Alley, Suite 700, Columbus, OH, 43215, US

[N] Hospital Driveway

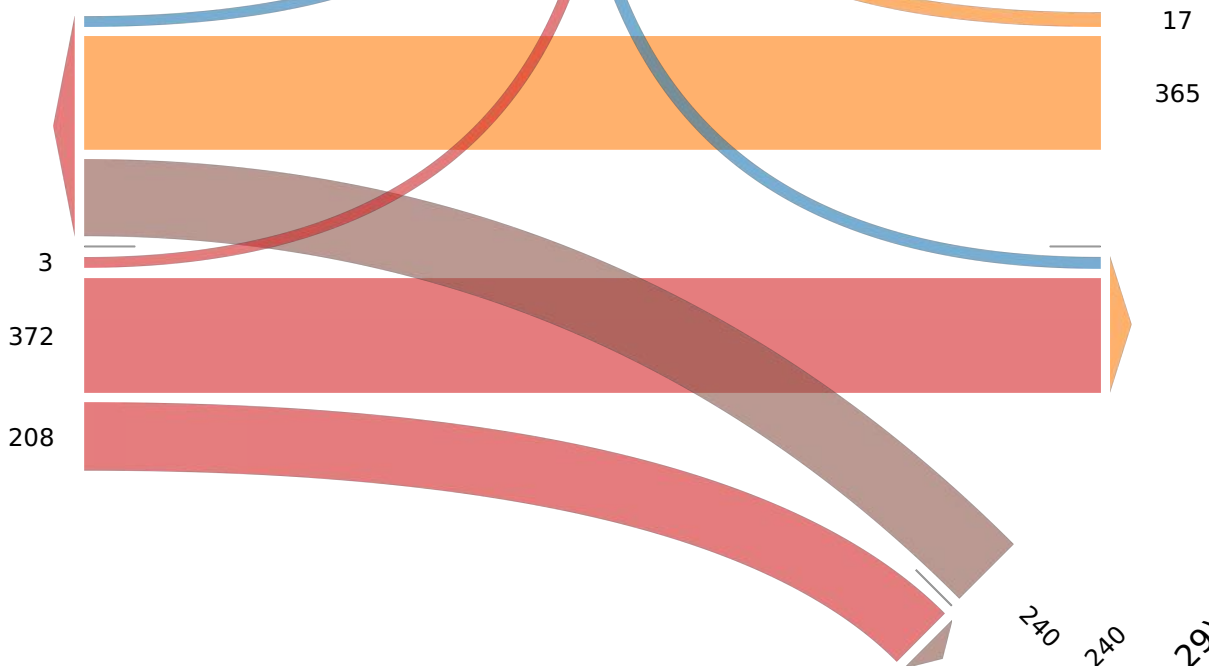
Total: 30

In: 10 Out: 20

37

[W] Scioto St (US 36)

Total: 1191
In: 583 Out: 608



Out: 379 In: 382

Total: 761

[E] US 36

Out: 208 In: 240
Total: 448
[SE] Scioto St (SR 29)

Scioto & SR 29 - TMC

Tue Sep 26, 2023

Midday Peak (12 PM - 1 PM)

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

All Movements

ID: 1113470, Location: 40.106679, -83.729462



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	Hospital Driveway Southbound					US 36 Westbound					Scioto St (SR 29) Northwestbound					Scioto St (US 36) Eastbound					
Time	R	BL	L	U	App	R	T	HL	U	App	HR	BR	BL	U	App	BR	T	L	U	App	Int
2023-09-26 12:00PM	1	0	4	0	5	0	105	0	0	105	0	0	76	0	76	68	111	1	0	180	366
12:15PM	0	0	3	0	3	0	96	0	0	96	0	0	66	0	66	74	91	1	0	166	331
12:30PM	1	0	0	0	1	0	106	0	0	106	0	0	70	0	70	64	98	0	0	162	339
12:45PM	1	0	0	0	1	2	106	0	0	108	0	0	83	0	83	84	123	0	0	207	399
Total	3	0	7	0	10	2	413	0	0	415	0	0	295	0	295	290	423	2	0	715	1435
% Approach	30.0%	0%	70.0%	0%	-	0.5%	99.5%	0%	0%	-	0%	0%	100%	0%	-	40.6%	59.2%	0.3%	0%	-	-
% Total	0.2%	0%	0.5%	0%	0.7%	0.1%	28.8%	0%	0%	28.9%	0%	0%	20.6%	0%	20.6%	20.2%	29.5%	0.1%	0%	49.8%	-
PHF	0.750	-	0.438	-	0.500	0.250	0.974	-	-	0.961	-	-	0.889	-	0.889	0.863	0.860	0.500	-	0.864	0.899
Lights	3	0	7	0	10	2	400	0	0	402	0	0	284	0	284	273	410	2	0	685	1381
% Lights	100%	0%	100%	0%	100%	100%	96.9%	0%	0%	96.9%	0%	0%	96.3%	0%	96.3%	94.1%	96.9%	100%	0%	95.8%	96.2%
Articulated Trucks	0	0	0	0	0	0	5	0	0	5	0	0	5	0	5	7	6	0	0	13	23
% Articulated Trucks	0%	0%	0%	0%	0%	0%	1.2%	0%	0%	1.2%	0%	0%	1.7%	0%	1.7%	2.4%	1.4%	0%	0%	1.8%	1.6%
Buses and Single-Unit Trucks	0	0	0	0	0	0	8	0	0	8	0	0	6	0	6	10	7	0	0	17	31
% Buses and Single-Unit Trucks	0%	0%	0%	0%	0%	0%	1.9%	0%	0%	1.9%	0%	0%	2.0%	0%	2.0%	3.4%	1.7%	0%	0%	2.4%	2.2%

* BL: Bear left, BR: Bear right, HL: Hard left, HR: Hard right, L: Left, R: Right, T: Thru, U: U-Turn

Scioto & SR 29 - TMC

Tue Sep 26, 2023

Midday Peak (12 PM - 1 PM)

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

All Movements

ID: 1113470, Location: 40.106679, -83.729462



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

[N] Hospital Driveway

Total: 14

In: 10 Out: 4

37

[W] Scioto St (US 36)
Total: 1426
In: 715 Out: 711

2
423
290

2
413

Out: 430 In: 415
Total: 845
[E] US 36

Out: 290 In: 295
Total: 585
[SE] Scioto St (SR 29)

Scioto & SR 29 - TMC

Tue Sep 26, 2023

PM Peak (3:45 PM - 4:45 PM) - Overall Peak Hour

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

All Movements

ID: 1113470, Location: 40.106679, -83.729462



Provided by: Burgess & Niple, Inc
330 Rush Alley, Suite 700, Columbus, OH, 43215, US

Leg Direction	Hospital Driveway Southbound					US 36 Westbound					Scioto St (SR 29) Northwestbound					Scioto St (US 36) Eastbound					
Time	R	BL	L	U	App	R	T	HL	U	App	HR	BR	BL	U	App	BR	T	L	U	App	Int
2023-09-26 3:45PM	0	0	1	0	1	1	132	0	0	133	0	0	90	0	90	100	144	0	0	244	468
4:00PM	0	0	3	0	3	0	126	0	0	126	0	0	97	0	97	110	130	1	0	241	467
4:15PM	0	0	1	0	1	1	138	0	0	139	0	0	92	0	92	91	152	0	0	243	475
4:30PM	1	0	2	0	3	0	140	0	0	140	0	0	102	0	102	79	118	1	0	198	443
Total	1	0	7	0	8	2	536	0	0	538	0	0	381	0	381	380	544	2	0	926	1853
% Approach	12.5%	0%	87.5%	0%	-	0.4%	99.6%	0%	0%	-	0%	0%	100%	0%	-	41.0%	58.7%	0.2%	0%	-	-
% Total	0.1%	0%	0.4%	0%	0.4%	0.1%	28.9%	0%	0%	29.0%	0%	0%	20.6%	0%	20.6%	20.5%	29.4%	0.1%	0%	50.0%	-
PHF	0.250	-	0.583	-	0.667	0.500	0.957	-	-	0.961	-	-	0.934	-	0.934	0.864	0.895	0.500	-	0.949	0.975
Lights	1	0	7	0	8	2	526	0	0	528	0	0	371	0	371	375	532	2	0	909	1816
% Lights	100%	0%	100%	0%	100%	100%	98.1%	0%	0%	98.1%	0%	0%	97.4%	0%	97.4%	98.7%	97.8%	100%	0%	98.2%	98.0%
Articulated Trucks	0	0	0	0	0	0	4	0	0	4	0	0	4	0	4	1	5	0	0	6	14
% Articulated Trucks	0%	0%	0%	0%	0%	0%	0.7%	0%	0%	0.7%	0%	0%	1.0%	0%	1.0%	0.3%	0.9%	0%	0%	0.6%	0.8%
Buses and Single-Unit Trucks	0	0	0	0	0	0	6	0	0	6	0	0	6	0	6	4	7	0	0	11	23
% Buses and Single-Unit Trucks	0%	0%	0%	0%	0%	0%	1.1%	0%	0%	1.1%	0%	0%	1.6%	0%	1.6%	1.1%	1.3%	0%	0%	1.2%	1.2%

* BL: Bear left, BR: Bear right, HL: Hard left, HR: Hard right, L: Left, R: Right, T: Thru, U: U-Turn

Scioto & SR 29 - TMC

Tue Sep 26, 2023

PM Peak (3:45 PM - 4:45 PM) - Overall Peak Hour

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

All Movements

ID: 1113470, Location: 40.106679, -83.729462



Provided by: Burgess & Niple, Inc

330 Rush Alley, Suite 700, Columbus, OH, 43215, US

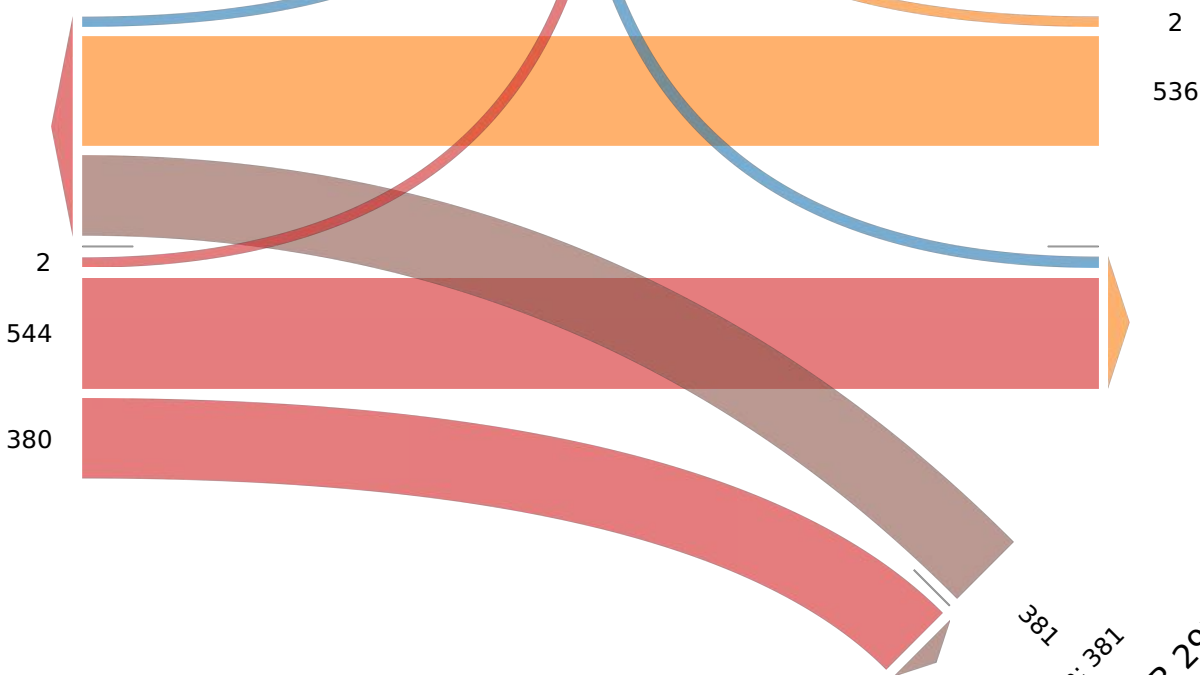
[N] Hospital Driveway

Total: 12
In: 8 Out: 4

17

[W] Scioto St (US 36)

Total: 1844
In: 926 Out: 918



Out: 551 In: 538

Total: 1089

[E] US 36

Out: 380 In: 381
Total: 761
[SE] Scioto St (SR 29)

US 36 & Lippencott Lane - TMC

Thu Jan 20, 2022

Full Length (6 AM-10 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 916691, Location: 40.105939, -83.717719



Provided by: Smart Services, Inc.
88 W. Church Street, Newark, OH, 43055, US

Leg Direction	US 36 Eastbound					US 36 Westbound					Business Drive Northbound					Lippencott Lane Southbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2022-01-20 6:00AM	2	13	0	0	15	0	14	0	0	14	0	0	0	0	0	0	0	1	0	1	30
6:15AM	5	28	0	0	33	0	20	0	0	20	0	0	0	0	0	0	0	2	0	2	55
6:30AM	4	22	0	0	26	0	32	0	0	32	0	0	0	0	0	0	0	4	0	4	62
6:45AM	10	33	0	0	43	0	32	1	0	33	0	0	0	0	0	1	0	4	0	5	81
Hourly Total	21	96	0	0	117	0	98	1	0	99	0	0	0	0	0	1	0	11	0	12	228
7:00AM	7	22	0	0	29	0	34	0	0	34	0	0	0	0	0	1	0	11	0	12	75
7:15AM	3	24	0	0	27	0	37	0	0	37	0	0	0	0	0	0	0	12	0	12	76
7:30AM	14	34	0	0	48	0	38	0	0	38	0	0	0	0	0	0	0	5	0	5	91
7:45AM	15	36	0	1	52	0	52	1	0	53	0	0	0	0	0	0	0	10	0	10	115
Hourly Total	39	116	0	1	156	0	161	1	0	162	0	0	0	0	0	1	0	38	0	39	357
8:00AM	8	36	0	0	44	1	45	1	0	47	0	0	1	0	1	0	0	5	0	5	97
8:15AM	12	26	0	0	38	0	37	1	0	38	0	0	0	0	0	0	0	9	0	9	85
8:30AM	21	29	0	0	50	0	40	5	0	45	0	0	0	0	0	2	0	14	0	16	111
8:45AM	24	38	0	0	62	1	52	1	0	54	0	0	0	0	0	1	0	17	0	18	134
Hourly Total	65	129	0	0	194	2	174	8	0	184	0	0	1	0	1	3	0	45	0	48	427
9:00AM	20	35	0	0	55	0	41	2	0	43	0	0	0	0	0	0	0	12	0	12	110
9:15AM	29	30	0	0	59	0	38	2	0	40	0	0	0	0	0	1	0	15	0	16	115
9:30AM	31	41	0	0	72	0	33	0	0	33	0	0	0	0	0	3	0	15	0	18	123
9:45AM	29	29	0	0	58	0	46	3	0	49	0	0	0	0	0	3	0	22	0	25	132
Hourly Total	109	135	0	0	244	0	158	7	0	165	0	0	0	0	0	7	0	64	0	71	480
3:00PM	45	51	0	0	96	0	72	1	0	73	0	0	0	0	0	3	0	58	0	61	230
3:15PM	48	71	0	0	119	0	71	5	0	76	0	0	0	0	0	1	0	45	0	46	241
3:30PM	41	80	0	0	121	0	87	1	0	88	0	0	0	0	0	1	0	44	0	45	254
3:45PM	59	57	0	0	116	0	76	3	0	79	0	0	1	0	1	4	0	44	0	48	244
Hourly Total	193	259	0	0	452	0	306	10	0	316	0	0	1	0	1	9	0	191	0	200	969
4:00PM	47	70	0	0	117	0	66	3	0	69	0	0	0	0	0	2	0	59	0	61	247
4:15PM	36	74	0	0	110	0	65	1	0	66	0	0	0	0	0	2	0	51	0	53	229
4:30PM	50	60	0	0	110	0	61	2	0	63	0	0	0	0	0	6	0	47	0	53	226
4:45PM	51	48	0	0	99	0	68	4	0	72	0	0	0	0	0	1	0	41	0	42	213
Hourly Total	184	252	0	0	436	0	260	10	0	270	0	0	0	0	0	11	0	198	0	209	915
5:00PM	46	74	0	0	120	0	61	5	0	66	1	0	0	0	1	3	0	56	0	59	246
5:15PM	36	64	0	0	100	0	53	5	0	58	0	0	0	0	0	2	0	50	0	52	210
5:30PM	41	44	0	0	85	0	52	6	0	58	0	0	0	0	0	1	0	56	0	57	200
5:45PM	39	45	0	0	84	0	46	1	0	47	0	0	0	0	0	7	0	42	0	49	180
Hourly Total	162	227	0	0	389	0	212	17	0	229	1	0	0	0	1	13	0	204	0	217	836
6:00PM	32	52	0	0	84	0	38	1	0	39	0	0	0	0	0	1	0	39	0	40	163
6:15PM	38	45	0	0	83	0	36	1	0	37	0	0	0	0	0	1	0	44	0	45	165
6:30PM	22	36	0	0	58	0	26	1	0	27	0	0	0	0	0	0	0	40	0	40	125
6:45PM	27	35	0	0	62	0	35	2	0	37	0	0	0	0	0	1	0	41	0	42	141
Hourly Total	119	168	0	0	287	0	135	5	0	140	0	0	0	0	0	3	0	164	0	167	594
Total	892	1382	0	1	2275	2	1504	59	0	1565	1	0	2	0	3	48	0	915	0	963	4806
% Approach	39.2%	60.7%	0%	0%	-	0.1%	96.1%	3.8%	0%	-	33.3%	0%	66.7%	0%	-	5.0%	0%	95.0%	0%	-	-
% Total	18.6%	28.8%	0%	0%	47.3%	0%	31.3%	1.2%	0%	32.6%	0%	0%	0%	0%	0.1%	1.0%	0%	19.0%	0%	20.0%	-
Lights and Motorcycles	874	1330	0	1	2205	2	1432	58	0	1492	1	0	2	0	3	47	0	903	0	950	4650
% Lights and Motorcycles	98.0%	96.2%	0%	100%	96.9%	100%	95.2%	98.3%	0%	95.3%	100%	0%	100%	0%	100%	97.9%	0%	98.7%	0%	98.7%	96.8%
Heavy	18	52	0	0	70	0	72	1	0	73	0	0	0	0	0	1	0	12	0	13	156
% Heavy	2.0%	3.8%	0%	0%	3.1%	0%	4.8%	1.7%	0%	4.7%	0%	0%	0%	0%	0%	2.1%	0%	1.3%	0%	1.3%	3.2%

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

US 36 & Lippencott Lane - TMC

Thu Jan 20, 2022

AM Peak (8:45 AM - 9:45 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 916691, Location: 40.105939, -83.717719



Provided by: Smart Services, Inc.

88 W. Church Street, Newark, OH, 43055, US

Leg Direction	US 36 Eastbound					US 36 Westbound					Business Drive Northbound					Lippencott Lane Southbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2022-01-20 8:45AM	24	38	0	0	62	1	52	1	0	54	0	0	0	0	0	1	0	17	0	18	134
9:00AM	20	35	0	0	55	0	41	2	0	43	0	0	0	0	0	0	0	12	0	12	110
9:15AM	29	30	0	0	59	0	38	2	0	40	0	0	0	0	0	1	0	15	0	16	115
9:30AM	31	41	0	0	72	0	33	0	0	33	0	0	0	0	0	3	0	15	0	18	123
Total	104	144	0	0	248	1	164	5	0	170	0	0	0	0	0	5	0	59	0	64	482
% Approach	41.9%	58.1%	0%	0%	-	0.6%	96.5%	2.9%	0%	-	0%	0%	0%	0%	-	7.8%	0%	92.2%	0%	-	-
% Total	21.6%	29.9%	0%	0%	51.5%	0.2%	34.0%	1.0%	0%	35.3%	0%	0%	0%	0%	0%	1.0%	0%	12.2%	0%	13.3%	-
PHF	0.839	0.878	-	-	0.861	0.250	0.788	0.625	-	0.787	-	-	-	-	-	0.417	-	0.868	-	0.889	0.899
Lights and Motorcycles	103	133	0	0	236	1	153	5	0	159	0	0	0	0	0	5	0	57	0	62	457
% Lights and Motorcycles	99.0%	92.4%	0%	0%	95.2%	100%	93.3%	100%	0%	93.5%	0%	0%	0%	0%	-	100%	0%	96.6%	0%	96.9%	94.8%
Heavy	1	11	0	0	12	0	11	0	0	11	0	0	0	0	0	0	0	2	0	2	25
% Heavy	1.0%	7.6%	0%	0%	4.8%	0%	6.7%	0%	0%	6.5%	0%	0%	0%	0%	-	0%	0%	3.4%	0%	3.1%	5.2%

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

Appendix C

Signal Inspection Summary Report

Clark-County Springfield TCC

Task Order No. TCC-4-I

LUC-City of Urbana Traffic Signal Study

B&N Traffic Signal Support Inspection Findings – Task I.3

Miami Street (US 36)/North Oakland Street (SR 29)

- Three traffic signal poles exist at this intersection. All the metal portions of the support are painted green.
- The main deficiency observed with these poles were near the base on the exterior face of the pole there are 3" diameter sections of 1/16" max deep pitting directly behind each anchor rod with surface corrosion. See photo below for example.
- No other significant deficiencies were observed. The poles without the green finish coat of paint have more surface corrosion evident throughout the structure.



Miami Street (US 36)/High St.

- Two traffic signal poles exist at this intersection. All the metal portions of the support are painted green.
- The main deficiency observed with these poles were near the base on the exterior face of the pole there are 3" diameter sections of 1/16" max deep pitting directly behind each anchor rod with surface corrosion.
- Additionally, the structure on the south side of US 36 had all four anchor rods tilted towards the north up to 6°. The anchor rods may have been installed this way and show no distress. See photo below for example.
- The poles without the green finish coat of paint have more surface corrosion evident throughout the structure.



Scioto Street (US 36)/Kenton Street

- Four traffic signal poles exist at this intersection. All the metal portions of the support are painted with a black finish coat.
- Some of the anchor rods below the base plate exhibit minor surface corrosion with no section loss.
- The SW (anchor rod 3) is tilted north 8° with a minor bend at the SE anchor rod for the signal support at the NE corner of the intersection facing NB Kenton St. traffic. The rods may have been installed this way and show no distress.
- The signal support at the NW corner of the intersection facing WB US 36 traffic has one missing fastener for the lower handhole cover. See photo below.



Scioto Street (US 36)/East Lawn Avenue

- Two traffic signal poles exist at this intersection. All the metal portions of the support are painted with a black finish coat.
- No significant deficiencies were observed at this intersection.



Scioto Street (US 36)/Jefferson Avenue (SR 54)

- Four traffic signal poles exist at this intersection. All the metal portions of the support are painted with a black finish coat.
- Minor spalls exist in the foundation of the signal support at the NW corner of the intersection. See photo below.
- No significant deficiencies were observed at this intersection.



Scioto Street (US 36)/Finch Street

- Two traffic signal poles exist at this intersection. All the metal portions of the support are painted with a black finish coat.
- Minor debris exists at one foundation with minor surface corrosion on the anchor rods below the base plates is typical. No section loss. See photo below.
- No significant deficiencies were observed at this intersection.



Scioto Street (US 36)/Scioto Street (SR 29)/East US Hwy. 36

- Three traffic signal poles exist at this intersection. All the metal portions of the support are painted with a black finish coat.
- Minor surface corrosion on the anchor rods below the base plates is typical. No section loss. See photo below.
- No significant deficiencies were observed at this intersection.



East US Hwy. 36/Lippencott Lane

- Four traffic signal poles exist at this intersection. All the metal portions of the support are painted with a black finish coat.
- The signal support at the NE corner of the intersection facing businesses on the south side of US 36 exhibits an area of erosion measuring 1 foot long with 1 foot of lateral penetration under the square foundation. When probing around, the drilled circular shaft could be reached; however, this was not undermined or affected. It appears some riprap was added previously but did not solve the problem. See photo below.
- No significant deficiencies were observed at this intersection.



South Jefferson Avenue (SR 54)/East Water Street

- Four traffic signal poles exist at this intersection. All the metal portions of the support are painted green.
- The poles inside at the base and the base plates themselves all had minor to moderate corrosion. The at the SW corner of the intersection had the worst corrosion inside the pole and on the base plate. See photo below.
- No other significant deficiencies were observed. The poles without the green finish coat of paint have more surface corrosion evident throughout the structure.



Recommendations

Immediate Repairs

1. None. No supports warrant immediate replacement.

Maintenance

1. Paint all signal supports with only green surface paint exposed on the exterior and inside the poles near the base to arrest any corrosion or further section loss at the following intersections:
 - a. Miami Street (US 36)/North Oakland Street (SR 29)
 - b. Miami Street (US 36)/High St.
 - c. South Jefferson Avenue (SR 54)/East Water Street.
2. Replace the missing fastener for the lower handhole cover at the signal support at the NW corner of the Scioto Street (US 36)/Kenton Street intersection facing WB US 36 traffic.
3. Repair and backfill the erosion at the signal support at the NE corner of East US Hwy. 36/Lippencott Lane intersection.
4. Consider painting unpainted portions of the anchor rods exposed to arrest and prevent corrosion.
5. Monitor the bent anchor bolts for distress at the following intersections:
 - a. Miami Street (US 36)/High St.
 - b. Scioto Street (US 36)/Kenton St.
6. Monitor section loss and pitting in the bases of the poles at the following intersections:
 - a. Miami Street (US 36)/North Oakland Street (SR 29)
 - b. Miami Street (US 36)/High St.
 - c. South Jefferson Avenue (SR 54)/East Water Street.

At the other intersections where a coat of black paint was added, the corrosion is hidden; however, it appears pitting did occur in the bases of the poles and the pits were filled in with excessive paint.

Appendix D

Cost Estimate

TABLE 2

PARTIAL INTERSECTION IMPROVEMENTS

Partial improvements include replacing: pushbuttons, pedestal if needed, pedestrian signal heads, and overhead sign hangers

					MIAMI & HIGH		SCIOTO & LAWN		SCIOTO & JEFFERSON		SCIOTO AND FINCH		SCIOTO & SR 29/HOSPITAL	
ITEM	ITEM EXT.	UNIT	DESCRIPTION	BID PRICE	INT TOTAL	INT COST	INT TOTAL	INT COST	INT TOTAL	INT COST	INT TOTAL	INT COST	INT TOTAL	INT COST
625	25500	FT	CONDUIT, 2", 725.04	\$ 38.00	10	\$ 380.00		\$ -		\$ -	10	\$ 380.00		\$ -
625	25500	FT	CONDUIT, 3", 725.04	\$ 38.00		\$ -	100	\$ 3,800.00		\$ -		\$ -		\$ -
625	29000	FT	TRENCH	\$ 9.00	10	\$ 90.00	100	\$ 900.00		\$ -	10	\$ 90.00		\$ -
625	30706	EACH	PULL BOX, 725.08, 24"	\$ 1,250.00		\$ -		\$ -		\$ -		\$ -		\$ -
625	32000	EACH	GROUND ROD	\$ 245.00	1	\$ 245.00	1	\$ 245.00		\$ -	1	\$ 245.00		\$ -
630	79100	EACH	SIGN HANGER ASSEMBLY, MAST ARM	\$ 390.00	3	\$ 1,170.00	2	\$ 780.00	6	\$ 2,340.00		\$ -	1	\$ 390.00
632	20731	EACH	PEDESTRIAN SIGNAL HEAD (LED), (COUNTDOWN), TYPE D2, AS PER PLAN	\$ 675.00	8	\$ 5,400.00	8	\$ 5,400.00	8	\$ 5,400.00	8	\$ 5,400.00		\$ -
632	25010	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	\$ 40.00	8	\$ 320.00	8	\$ 320.00	8	\$ 320.00	8	\$ 320.00		\$ -
632	26001	EACH	PEDESTRIAN PUSHBUTTON, AS PER PLAN	\$ 410.00	4	\$ 1,640.00	4	\$ 1,640.00	4	\$ 1,640.00	4	\$ 1,640.00		\$ -
632	26001	EACH	PEDESTRIAN PUSHBUTTON EXTENDER ASSEMBLY	\$ 200.00	2	\$ 400.00		\$ -		\$ -		\$ -		\$ -
632	40500	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	\$ 3.50	100	\$ 350.00	150	\$ 525.00	100	\$ 350.00	100	\$ 350.00		\$ -
632	64020	EACH	PEDESTAL FOUNDATION	\$ 1,500.00		\$ -	1	\$ 1,500.00		\$ -		\$ -		\$ -
632	65200	FT	LOOP DETECTOR LEAD-IN CABLE	\$ 2.50	100	\$ 250.00	150	\$ 375.00	100	\$ 250.00	100	\$ 250.00		\$ -
632	89510	EACH	PEDESTAL, 5'	\$ 750.00		\$ -		\$ -		\$ -	1	\$ 750.00		\$ -
632	90000	EACH	PEDESTAL, 11', TRANSFORMER BASE	\$ 1,900.00		\$ -	1	\$ 1,900.00		\$ -		\$ -		\$ -
632	90101	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN		1	\$ 3,000.00	1	\$ 3,000.00	1	\$ 2,500.00	1	\$ 3,000.00	1	\$ 500.00
CONSTRUCTION COST						\$ 13,200.00		\$ 20,400.00		\$ 12,800.00		\$ 12,400.00		\$ 900.00
DESIGN COST						\$ 4,000.00		\$ 6,100.00		\$ 3,800.00		\$ 3,700.00		\$ 300.00
CONTINGENCY (20%)						\$ 3,400.00		\$ 5,300.00		\$ 3,300.00		\$ 3,200.00		\$ 200.00
INTERSECTION TOTAL (YEAR 2027)						\$ 24,200.00		\$ 37,400.00		\$ 23,400.00		\$ 22,700.00		\$ 1,600.00

* assumes no ped facilities

TABLE 2

PARTIAL INTERSECTION IMPROVEMENTS

Partial improvements include replacing: pushbuttons, pedestal if needed, pedestrian signal heads, and overhead sign hangers

					MIAMI & OAKLAND		US 36 & LIPPINCOTT		JEFFERSON & WATER		SCIOTO & KENTON		PROJECT TOTAL
ITEM	ITEM EXT.	UNIT	DESCRIPTION	BID PRICE	INT TOTAL	INT COST	INT TOTAL	INT COST	INT TOTAL	INT COST	INT TOTAL	INT COST	
625	25500	FT	CONDUIT, 2", 725.04	\$ 38.00		\$ -	50	\$ 1,900.00		\$ -		\$ -	\$ 2,660.00
625	25500	FT	CONDUIT, 3", 725.04	\$ 38.00		\$ -		\$ -	40	\$ 1,520.00	20	\$ 760.00	\$ 3,800.00
625	29000	FT	TRENCH	\$ 9.00		\$ -	50	\$ 450.00	40	\$ 360.00	20	\$ 180.00	\$ 1,530.00
625	30706	EACH	PULL BOX, 725.08, 24"	\$ 1,250.00		\$ -		\$ -		\$ -		\$ -	\$ -
625	32000	EACH	GROUND ROD	\$ 245.00		\$ -	1	\$ 245.00	4	\$ 980.00	2	\$ 490.00	\$ 980.00
630	79100	EACH	SIGN HANGER ASSEMBLY, MAST ARM	\$ 390.00	1	\$ 390.00	0	\$ -	4	\$ 1,560.00	1	\$ 390.00	\$ 5,070.00
632	20731	EACH	PEDESTRIAN SIGNAL HEAD (LED), (COUNTDOWN), TYPE D2, AS PER PLAN	\$ 675.00	4	\$ 2,700.00	2	\$ 1,350.00	8	\$ 5,400.00	8	\$ 5,400.00	\$ 25,650.00
632	25010	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	\$ 40.00	4	\$ 160.00	2	\$ 80.00	8	\$ 320.00	8	\$ 320.00	\$ 1,520.00
632	26001	EACH	PEDESTRIAN PUSHBUTTON, AS PER PLAN	\$ 410.00	2	\$ 820.00	2	\$ 820.00	4	\$ 1,640.00	2	\$ 820.00	\$ 8,200.00
632	26001	EACH	PEDESTRIAN PUSHBUTTON EXTENDER ASSEMBLY	\$ 200.00		\$ -		\$ -		\$ -		\$ -	\$ 400.00
632	40500	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	\$ 3.50	100	\$ 350.00	100	\$ 350.00	1500	\$ 5,250.00	100	\$ 350.00	\$ 2,275.00
632	64020	EACH	PEDESTAL FOUNDATION	\$ 1,500.00		\$ -		\$ -	4	\$ 6,000.00		\$ -	\$ 1,500.00
632	65200	FT	LOOP DETECTOR LEAD-IN CABLE	\$ 2.50	100	\$ 250.00	100	\$ 250.00	1000	\$ 2,500.00		\$ -	\$ 1,625.00
632	89510	EACH	PEDESTAL, 5'	\$ 750.00		\$ -	1	\$ 750.00		\$ -	2	\$ 1,500.00	\$ 1,500.00
632	90000	EACH	PEDESTAL, 11', TRANSFORMER BASE	\$ 1,900.00		\$ -		\$ -	4	\$ 7,600.00		\$ -	\$ 1,900.00
632	90101	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN		1	\$ 2,500.00	1	\$ 5,000.00	1	\$ 3,000.00	1	\$ 3,000.00	\$ 19,500.00
CONSTRUCTION COST						\$ 7,200.00		\$ 11,200.00		\$ 36,100.00		\$ 13,200.00	\$ 78,100.00
DESIGN COST						\$ 2,200.00		\$ 3,400.00		\$ 10,800.00		\$ 4,000.00	\$ 38,300.00
CONTINGENCY (20%)						\$ 1,900.00		\$ 2,900.00		\$ 9,400.00		\$ 3,400.00	\$ 33,000.00
INTERSECTION TOTAL (YEAR 2027)						\$ 13,300.00		\$ 20,600.00		\$ 66,200.00		\$ 24,200.00	\$ 233,600.00

* assumes rewiring will
occur under a separate
contract

TABLE 3

MIAMI & HIGH FULL REPLACEMENT						
ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	BID PRICE	COST
202	32500		FT	CURB AND GUTTER REMOVED	\$ 20.00	\$ -
203	10000	7.5	CY	EXCAVATION	\$ 20.00	\$ 150.00
203	20000		CY	EMBANKMENT	\$ 28.00	\$ -
608	10000		SF	4" CONCRETE WALK	\$ 15.00	\$ -
608	52000	100	SF	CURB RAMP	\$ 27.00	\$ 2,700.00
608	53020	50	SF	DETECTABLE WARNING	\$ 8.00	\$ 400.00
614	11000	1	LS	MAINTAINING TRAFFIC	\$ 5,000.00	\$ 5,000.00
614	11300	1	EACH	SPECIAL - WORK ZONE TRAFFIC SIGNAL	\$ 20,000.00	\$ 20,000.00
625	25500	300	FT	CONDUIT, 3", 725.04	\$ 38.00	\$ 11,400.00
625	25600	100	FT	CONDUIT, 4", 725.04	\$ 55.00	\$ 5,500.00
625	25902	0	FT	CONDUIT, JACKED OR DRILLED, 725.04	\$ 61.00	\$ -
625	29000	50	FT	TRENCH	\$ 9.00	\$ 450.00
625	29400	350	FT	TRENCH IN PAVED AREA	\$ 38.00	\$ 13,300.00
625	30706	4	EACH	PULL BOX, 725.08, 24"	\$ 1,250.00	\$ 5,000.00
625	32000	8	EACH	GROUND ROD	\$ 245.00	\$ 1,960.00
630	79100	3	EACH	SIGN HANGER ASSEMBLY, MAST ARM	\$ 390.00	\$ 1,170.00
630	80100	22.5	SF	SIGN, FLAT SHEET	\$ 16.00	\$ 360.00
630	97700	0	EACH	SIGNING, MISC.: SOLAR POWERED RETANGULAR RAPID FLASHING BEACON (RRFB) PEDESTRIAN WARNING	\$ 20,000.00	\$ -
632	05007	8	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 950.00	\$ 7,600.00
632	05087	0	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 1,550.00	\$ -
632	20731	8	EACH	PEDESTRIAN SIGNAL HEAD (LED), (COUNTDOWN), TYPE D2, AS PER PLAN	\$ 675.00	\$ 5,400.00
632	25000	8	EACH	COVERING OF VEHICULAR SIGNAL HEAD	\$ 50.00	\$ 400.00
632	25010	8	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	\$ 40.00	\$ 320.00
632	26001	4	EACH	PEDESTRIAN PUSHBUTTON, AS PER PLAN	\$ 410.00	\$ 1,640.00
632	40500	1500	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	\$ 3.50	\$ 5,250.00
632	40700	0	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	\$ 4.00	\$ -
632	64010	4	EACH	SIGNAL SUPPORT FOUNDATION	\$ 6,100.00	\$ 24,400.00
632	64020	2	EACH	PEDESTAL FOUNDATION	\$ 1,250.00	\$ 2,500.00
632	65200	1100	FT	LOOP DETECTOR LEAD-IN CABLE	\$ 2.50	\$ 2,750.00
632	68200	150	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	\$ 6.75	\$ 1,012.50
632	70001	1	EACH	POWER SERVICE, AS PER PLAN	\$ 3,550.00	\$ 3,550.00
632	70400	1	EACH	CONDUIT RISER, 2" DIAMETER	\$ 875.00	\$ 875.00
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 12,000.00	\$ -
632	80981		EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 13,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4	\$ 14,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110	1	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ 15,000.00
632	72110	1	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 16,000.00	\$ 16,000.00
632	72130		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 12	\$ 16,000.00	\$ -
632	89900	4	EACH	PEDESTAL, 11', TRANSFORMER BASE	\$ 1,000.00	\$ 4,000.00
632	90008		EACH	PEDESTAL, 15', TRANSFORMER BASE	\$ 2,000.00	\$ -
632	90101	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	\$ 5,000.00	\$ 5,000.00
633	01580	1	EACH	CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS1	\$ 10,000.00	\$ 10,000.00
633	01580	0	EACH	CONTROLLER MASTER, TRAFFIC RESPONSIVE	\$ 10,000.00	\$ -
633	67100	1	EACH	CABINET FOUNDATION	\$ 2,750.00	\$ 2,750.00
633	67200	1	EACH	CONTROLLER WORK PAD	\$ 1,000.00	\$ 1,000.00
633	75001		EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	\$ 7,500.00	\$ -
644	00500		FT	STOP LINE	\$ 8.00	\$ -
644	00600		FT	CROSSWALK LINE	\$ 5.00	\$ -
644	30000		FT	REMOVAL OF PAVEMENT MARKING	\$ 6.00	\$ -
809	69001		EACH	ADVANCE RADAR DETECTION, AS PER PLAN	\$ 8,250.00	\$ -
809	69101	4	EACH	STOP-BAR RADAR DETECTION, AS PER PLAN	\$ 8,000.00	\$ 32,000.00
CONSTRUCTION COST					\$ 208,800.00	
DESIGN COST					\$ 62,600.00	
CONTINGENCY (20%)					\$ 54,300.00	
TOTAL (WITH INFLATION TO YEAR 2027)					\$ 382,700.00	

TABLE 3

SCIOTO & LAWN FULL REPLACEMENT						
ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	BID PRICE	COST
202	32500		FT	CURB AND GUTTER REMOVED	\$ 20.00	\$ -
203	10000	7.5	CY	EXCAVATION	\$ 20.00	\$ 150.00
203	20000		CY	EMBANKMENT	\$ 28.00	\$ -
608	10000		SF	4" CONCRETE WALK	\$ 15.00	\$ -
608	52000	100	SF	CURB RAMP	\$ 27.00	\$ 2,700.00
608	53020	50	SF	DETECTABLE WARNING	\$ 8.00	\$ 400.00
614	11000	1	LS	MAINTAINING TRAFFIC	\$ 5,000.00	\$ 5,000.00
614	11300	1	EACH	SPECIAL - WORK ZONE TRAFFIC SIGNAL	\$ 20,000.00	\$ 20,000.00
625	25500	300	FT	CONDUIT, 3", 725.04	\$ 38.00	\$ 11,400.00
625	25600	50	FT	CONDUIT, 4", 725.04	\$ 55.00	\$ 2,750.00
625	25902	0	FT	CONDUIT, JACKED OR DRILLED, 725.04	\$ 61.00	\$ -
625	29000	100	FT	TRENCH	\$ 9.00	\$ 900.00
625	29400	250	FT	TRENCH IN PAVED AREA	\$ 38.00	\$ 9,500.00
625	30706	4	EACH	PULL BOX, 725.08, 24"	\$ 1,250.00	\$ 5,000.00
625	32000	7	EACH	GROUND ROD	\$ 245.00	\$ 1,715.00
630	79100	2	EACH	SIGN HANGER ASSEMBLY, MAST ARM	\$ 390.00	\$ 780.00
630	80100	15	SF	SIGN, FLAT SHEET	\$ 16.00	\$ 240.00
630	97700	0	EACH	SIGNING, MISC.: SOLAR POWERED RETANGULAR RAPID FLASHING BEACON (RRFB) PEDESTRIAN WARNING	\$ 20,000.00	\$ -
632	05007	6	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 950.00	\$ 5,700.00
632	05087	0	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 1,550.00	\$ -
632	20731	6	EACH	PEDESTRIAN SIGNAL HEAD (LED), (COUNTDOWN), TYPE D2, AS PER PLAN	\$ 675.00	\$ 4,050.00
632	25000	6	EACH	COVERING OF VEHICULAR SIGNAL HEAD	\$ 50.00	\$ 300.00
632	25010	6	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	\$ 40.00	\$ 240.00
632	26001	4	EACH	PEDESTRIAN PUSHBUTTON, AS PER PLAN	\$ 410.00	\$ 1,640.00
632	40500	1500	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	\$ 3.50	\$ 5,250.00
632	40700	0	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	\$ 4.00	\$ -
632	64010	3	EACH	SIGNAL SUPPORT FOUNDATION	\$ 6,100.00	\$ 18,300.00
632	64020	2	EACH	PEDESTAL FOUNDATION	\$ 1,250.00	\$ 2,500.00
632	65200	1100	FT	LOOP DETECTOR LEAD-IN CABLE	\$ 2.50	\$ 2,750.00
632	68200	150	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	\$ 6.75	\$ 1,012.50
632	70001	1	EACH	POWER SERVICE, AS PER PLAN	\$ 3,550.00	\$ 3,550.00
632	70400	1	EACH	CONDUIT RISER, 2" DIAMETER	\$ 875.00	\$ 875.00
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 12,000.00	\$ -
632	80981		EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 13,000.00	\$ -
632	72110	3	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4	\$ 14,000.00	\$ 42,000.00
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110		EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 16,000.00	\$ -
632	72130		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 12	\$ 16,000.00	\$ -
632	89900	2	EACH	PEDESTAL, 11', TRANSFORMER BASE	\$ 1,000.00	\$ 2,000.00
632	90008		EACH	PEDESTAL, 15', TRANSFORMER BASE	\$ 2,000.00	\$ -
632	90101	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	\$ 5,000.00	\$ 5,000.00
633	01580	1	EACH	CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS1	\$ 10,000.00	\$ 10,000.00
633	01580	0	EACH	CONTROLLER MASTER, TRAFFIC RESPONSIVE	\$ 10,000.00	\$ -
633	67100	1	EACH	CABINET FOUNDATION	\$ 2,750.00	\$ 2,750.00
633	67200	1	EACH	CONTROLLER WORK PAD	\$ 1,000.00	\$ 1,000.00
633	75001		EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	\$ 7,500.00	\$ -
644	00500		FT	STOP LINE	\$ 8.00	\$ -
644	00600		FT	CROSSWALK LINE	\$ 5.00	\$ -
644	30000		FT	REMOVAL OF PAVEMENT MARKING	\$ 6.00	\$ -
809	69001		EACH	ADVANCE RADAR DETECTION, AS PER PLAN	\$ 8,250.00	\$ -
809	69101	4	EACH	STOP-BAR RADAR DETECTION, AS PER PLAN	\$ 8,000.00	\$ 32,000.00
					CONSTRUCTION COST	\$ 201,500.00
					DESIGN COST	\$ 60,500.00
					CONTINGENCY (20%)	\$ 52,400.00
					TOTAL (WITH INFLATION TO YEAR 2027)	\$ 369,400.00

TABLE 3

SCIOTO & JEFFERSON FULL REPLACEMENT

ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	BID PRICE	COST
202	32500		FT	CURB AND GUTTER REMOVED	\$ 20.00	\$ -
203	10000	6	CY	EXCAVATION	\$ 20.00	\$ 120.00
203	20000		CY	EMBANKMENT	\$ 28.00	\$ -
608	10000		SF	4" CONCRETE WALK	\$ 15.00	\$ -
608	52000	80	SF	CURB RAMP	\$ 27.00	\$ 2,160.00
608	53020	40	SF	DETECTABLE WARNING	\$ 8.00	\$ 320.00
614	11000	1	LS	MAINTAINING TRAFFIC	\$ 5,000.00	\$ 5,000.00
614	11300	1	EACH	SPECIAL - WORK ZONE TRAFFIC SIGNAL	\$ 20,000.00	\$ 20,000.00
625	25500	300	FT	CONDUIT, 3", 725.04	\$ 38.00	\$ 11,400.00
625	25600	100	FT	CONDUIT, 4", 725.04	\$ 55.00	\$ 5,500.00
625	25902	0	FT	CONDUIT, JACKED OR DRILLED, 725.04	\$ 61.00	\$ -
625	29000	50	FT	TRENCH	\$ 9.00	\$ 450.00
625	29400	350	FT	TRENCH IN PAVED AREA	\$ 38.00	\$ 13,300.00
625	30706	4	EACH	PULL BOX, 725.08, 24"	\$ 1,250.00	\$ 5,000.00
625	32000	8	EACH	GROUND ROD	\$ 245.00	\$ 1,960.00
630	79100	6	EACH	SIGN HANGER ASSEMBLY, MAST ARM	\$ 390.00	\$ 2,340.00
630	80100	45	SF	SIGN, FLAT SHEET	\$ 16.00	\$ 720.00
630	97700	0	EACH	SIGNING, MISC.: SOLAR POWERED RETANGULAR RAPID FLASHING BEACON (RRFB) PEDESTRIAN WARNING	\$ 20,000.00	\$ -
632	05007	4	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 950.00	\$ 3,800.00
632	05087	4	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 1,550.00	\$ 6,200.00
632	20731	8	EACH	PEDESTRIAN SIGNAL HEAD (LED), (COUNTDOWN), TYPE D2, AS PER PLAN	\$ 675.00	\$ 5,400.00
632	25000	8	EACH	COVERING OF VEHICULAR SIGNAL HEAD	\$ 50.00	\$ 400.00
632	25010	8	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	\$ 40.00	\$ 320.00
632	26001	4	EACH	PEDESTRIAN PUSHBUTTON, AS PER PLAN	\$ 410.00	\$ 1,640.00
632	40500	750	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	\$ 3.50	\$ 2,625.00
632	40700	750	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	\$ 4.00	\$ 3,000.00
632	64010	4	EACH	SIGNAL SUPPORT FOUNDATION	\$ 6,100.00	\$ 24,400.00
632	64020	2	EACH	PEDESTAL FOUNDATION	\$ 1,250.00	\$ 2,500.00
632	65200	1100	FT	LOOP DETECTOR LEAD-IN CABLE	\$ 2.50	\$ 2,750.00
632	68200	150	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	\$ 6.75	\$ 1,012.50
632	70001	1	EACH	POWER SERVICE, AS PER PLAN	\$ 3,550.00	\$ 3,550.00
632	70400	1	EACH	CONDUIT RISER, 2" DIAMETER	\$ 875.00	\$ 875.00
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 12,000.00	\$ -
632	80981		EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 13,000.00	\$ -
632	72110	2	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4	\$ 14,000.00	\$ 28,000.00
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110		EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 16,000.00	\$ -
632	72130	2	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 12	\$ 16,000.00	\$ 32,000.00
632	89900	2	EACH	PEDESTAL, 11', TRANSFORMER BASE	\$ 1,000.00	\$ 2,000.00
632	90008		EACH	PEDESTAL, 15', TRANSFORMER BASE	\$ 2,000.00	\$ -
632	90101	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	\$ 5,000.00	\$ 5,000.00
633	01580	1	EACH	CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS1	\$ 10,000.00	\$ 10,000.00
633	01580		EACH	CONTROLLER MASTER, TRAFFIC RESPONSIVE	\$ 10,000.00	\$ -
633	67100	1	EACH	CABINET FOUNDATION	\$ 2,750.00	\$ 2,750.00
633	67200	1	EACH	CONTROLLER WORK PAD	\$ 1,000.00	\$ 1,000.00
633	75001	1	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	\$ 7,500.00	\$ 7,500.00
644	00500		FT	STOP LINE	\$ 8.00	\$ -
644	00600		FT	CROSSWALK LINE	\$ 5.00	\$ -
644	30000		FT	REMOVAL OF PAVEMENT MARKING	\$ 6.00	\$ -
809	69001		EACH	ADVANCE RADAR DETECTION, AS PER PLAN	\$ 8,250.00	\$ -
809	69101	4	EACH	STOP-BAR RADAR DETECTION, AS PER PLAN	\$ 8,000.00	\$ 32,000.00
CONSTRUCTION COST						\$ 247,000.00
DESIGN COST						\$ 74,100.00
CONTINGENCY (20%)						\$ 64,200.00
TOTAL (WITH INFLATION TO YEAR 2027)						\$ 452,700.00

TABLE 3

SCIOTO & FINCH FULL REPLACEMENT						
ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	BID PRICE	COST
202	32500		FT	CURB AND GUTTER REMOVED	\$ 20.00	\$ -
203	10000	4.5	CY	EXCAVATION	\$ 20.00	\$ 90.00
203	20000		CY	EMBANKMENT	\$ 28.00	\$ -
608	10000		SF	4" CONCRETE WALK	\$ 15.00	\$ -
608	52000	60	SF	CURB RAMP	\$ 27.00	\$ 1,620.00
608	53020	30	SF	DETECTABLE WARNING	\$ 8.00	\$ 240.00
614	11000	1	LS	MAINTAINING TRAFFIC	\$ 5,000.00	\$ 5,000.00
614	11300	1	EACH	SPECIAL - WORK ZONE TRAFFIC SIGNAL	\$ 20,000.00	\$ 20,000.00
625	25500	300	FT	CONDUIT, 3", 725.04	\$ 38.00	\$ 11,400.00
625	25600	50	FT	CONDUIT, 4", 725.04	\$ 55.00	\$ 2,750.00
625	25902	0	FT	CONDUIT, JACKED OR DRILLED, 725.04	\$ 61.00	\$ -
625	29000	50	FT	TRENCH	\$ 9.00	\$ 450.00
625	29400	350	FT	TRENCH IN PAVED AREA	\$ 38.00	\$ 13,300.00
625	30706	4	EACH	PULL BOX, 725.08, 24"	\$ 1,250.00	\$ 5,000.00
625	32000	6	EACH	GROUND ROD	\$ 245.00	\$ 1,470.00
630	79100	0	EACH	SIGN HANGER ASSEMBLY, MAST ARM	\$ 390.00	\$ -
630	80100	0	SF	SIGN, FLAT SHEET	\$ 16.00	\$ -
630	97700	0	EACH	SIGNING, MISC.: SOLAR POWERED RETANGULAR RAPID FLASHING BEACON (RRFB) PEDESTRIAN WARNING	\$ 20,000.00	\$ -
632	05007	6	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 950.00	\$ 5,700.00
632	05087		EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 1,550.00	\$ -
632	20731	4	EACH	PEDESTRIAN SIGNAL HEAD (LED), (COUNTDOWN), TYPE D2, AS PER PLAN	\$ 675.00	\$ 2,700.00
632	25000	6	EACH	COVERING OF VEHICULAR SIGNAL HEAD	\$ 50.00	\$ 300.00
632	25010	4	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	\$ 40.00	\$ 160.00
632	26001	2	EACH	PEDESTRIAN PUSHBUTTON, AS PER PLAN	\$ 410.00	\$ 820.00
632	40500	1500	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	\$ 3.50	\$ 5,250.00
632	40700		FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	\$ 4.00	\$ -
632	64010	2	EACH	SIGNAL SUPPORT FOUNDATION	\$ 6,100.00	\$ 12,200.00
632	64020	2	EACH	PEDESTAL FOUNDATION	\$ 1,250.00	\$ 2,500.00
632	65200	1100	FT	LOOP DETECTOR LEAD-IN CABLE	\$ 2.50	\$ 2,750.00
632	68200	100	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	\$ 6.75	\$ 675.00
632	70001	1	EACH	POWER SERVICE, AS PER PLAN	\$ 3,550.00	\$ 3,550.00
632	70400	1	EACH	CONDUIT RISER, 2" DIAMETER	\$ 875.00	\$ 875.00
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 12,000.00	\$ -
632	80981		EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 13,000.00	\$ -
632	72110	1	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4	\$ 14,000.00	\$ 14,000.00
632	72110	1	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ 15,000.00
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110		EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 16,000.00	\$ -
632	72130		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 12	\$ 16,000.00	\$ -
632	89900	2	EACH	PEDESTAL, 11', TRANSFORMER BASE	\$ 1,000.00	\$ 2,000.00
632	90008		EACH	PEDESTAL, 15', TRANSFORMER BASE	\$ 2,000.00	\$ -
632	90101	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	\$ 5,000.00	\$ 5,000.00
633	01580	1	EACH	CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS1	\$ 10,000.00	\$ 10,000.00
633	01580		EACH	CONTROLLER MASTER, TRAFFIC RESPONSIVE	\$ 10,000.00	\$ -
633	67100	1	EACH	CABINET FOUNDATION	\$ 2,750.00	\$ 2,750.00
633	67200	1	EACH	CONTROLLER WORK PAD	\$ 1,000.00	\$ 1,000.00
633	75001		EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	\$ 7,500.00	\$ -
644	00500		FT	STOP LINE	\$ 8.00	\$ -
644	00600		FT	CROSSWALK LINE	\$ 5.00	\$ -
644	30000		FT	REMOVAL OF PAVEMENT MARKING	\$ 6.00	\$ -
809	69001		EACH	ADVANCE RADAR DETECTION, AS PER PLAN	\$ 8,250.00	\$ -
809	69101	1	EACH	STOP-BAR RADAR DETECTION, AS PER PLAN	\$ 8,000.00	\$ 8,000.00
CONSTRUCTION COST					\$ 156,600.00	
DESIGN COST					\$ 47,000.00	
CONTINGENCY (20%)					\$ 40,700.00	
TOTAL (WITH INFLATION TO YEAR 2027)					\$ 287,100.00	

TABLE 3

SCIOTO & SR 29 / HOSPITAL FULL REPLACEMENT

ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	BID PRICE	COST
202	32500	50	FT	CURB AND GUTTER REMOVED	\$ 20.00	\$ 1,000.00
203	10000	3	CY	EXCAVATION	\$ 20.00	\$ 60.00
203	20000	25	CY	EMBANKMENT	\$ 28.00	\$ 700.00
608	10000	50	SF	4" CONCRETE WALK	\$ 15.00	\$ 750.00
608	52000	40	SF	CURB RAMP	\$ 27.00	\$ 1,080.00
608	53020	20	SF	DETECTABLE WARNING	\$ 8.00	\$ 160.00
614	11000	1	LS	MAINTAINING TRAFFIC	\$ 5,000.00	\$ 5,000.00
614	11300	1	EACH	SPECIAL - WORK ZONE TRAFFIC SIGNAL	\$ 20,000.00	\$ 20,000.00
625	25500	200	FT	CONDUIT, 3", 725.04	\$ 38.00	\$ 7,600.00
625	25600	50	FT	CONDUIT, 4", 725.04	\$ 55.00	\$ 2,750.00
625	25902	0	FT	CONDUIT, JACKED OR DRILLED, 725.04	\$ 61.00	\$ -
625	29000	50	FT	TRENCH	\$ 9.00	\$ 450.00
625	29400	350	FT	TRENCH IN PAVED AREA	\$ 38.00	\$ 13,300.00
625	30706	4	EACH	PULL BOX, 725.08, 24"	\$ 1,250.00	\$ 5,000.00
625	32000	6	EACH	GROUND ROD	\$ 245.00	\$ 1,470.00
630	79100	1	EACH	SIGN HANGER ASSEMBLY, MAST ARM	\$ 390.00	\$ 390.00
630	80100	7.5	SF	SIGN, FLAT SHEET	\$ 16.00	\$ 120.00
630	97700	1	EACH	SIGNING, MISC.: SOLAR POWERED RETANGULAR RAPID FLASHING BEACON (RRFB) PEDESTRIAN WARNING	\$ 20,000.00	\$ 20,000.00
632	05007	6	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 950.00	\$ 5,700.00
632	05087		EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 1,550.00	\$ -
632	20731		EACH	PEDESTRIAN SIGNAL HEAD (LED), (COUNTDOWN), TYPE D2, AS PER PLAN	\$ 675.00	\$ -
632	25000	6	EACH	COVERING OF VEHICULAR SIGNAL HEAD	\$ 50.00	\$ 300.00
632	25010		EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	\$ 40.00	\$ -
632	26001		EACH	PEDESTRIAN PUSHBUTTON, AS PER PLAN	\$ 410.00	\$ -
632	40500	800	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	\$ 3.50	\$ 2,800.00
632	40700		FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	\$ 4.00	\$ -
632	64010	3	EACH	SIGNAL SUPPORT FOUNDATION	\$ 6,100.00	\$ 18,300.00
632	64020	2	EACH	PEDESTAL FOUNDATION	\$ 1,250.00	\$ 2,500.00
632	65200	1100	FT	LOOP DETECTOR LEAD-IN CABLE	\$ 2.50	\$ 2,750.00
632	68200	100	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	\$ 6.75	\$ 675.00
632	70001	1	EACH	POWER SERVICE, AS PER PLAN	\$ 3,550.00	\$ 3,550.00
632	70400	1	EACH	CONDUIT RISER, 2" DIAMETER	\$ 875.00	\$ 875.00
632	72110	3	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 12,000.00	\$ 36,000.00
632	80981		EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 13,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4	\$ 14,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110		EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 16,000.00	\$ -
632	72130		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 12	\$ 16,000.00	\$ -
632	89900		EACH	PEDESTAL, 11', TRANSFORMER BASE	\$ 1,000.00	\$ -
632	90008	2	EACH	PEDESTAL, 15', TRANSFORMER BASE	\$ 2,000.00	\$ 4,000.00
632	90101	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	\$ 5,000.00	\$ 5,000.00
633	01580	1	EACH	CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS1	\$ 10,000.00	\$ 10,000.00
633	01580		EACH	CONTROLLER MASTER, TRAFFIC RESPONSIVE	\$ 10,000.00	\$ -
633	67100	1	EACH	CABINET FOUNDATION	\$ 2,750.00	\$ 2,750.00
633	67200	1	EACH	CONTROLLER WORK PAD	\$ 1,000.00	\$ 1,000.00
633	75001		EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	\$ 7,500.00	\$ -
644	00500		FT	STOP LINE	\$ 8.00	\$ -
644	00600		FT	CROSSWALK LINE	\$ 5.00	\$ -
644	30000		FT	REMOVAL OF PAVEMENT MARKING	\$ 6.00	\$ -
809	69001		EACH	ADVANCE RADAR DETECTION, AS PER PLAN	\$ 8,250.00	\$ -
809	69101	1	EACH	STOP-BAR RADAR DETECTION, AS PER PLAN	\$ 8,000.00	\$ 8,000.00
CONSTRUCTION COST					\$ 184,000.00	
DESIGN COST					\$ 55,200.00	
CONTINGENCY (20%)					\$ 47,800.00	
TOTAL (WITH INFLATION TO YEAR 2027)					\$ 337,200.00	

Notes:

Including a pedestrian crossing RRFB and curb ramps at Anderson Drive.

TABLE 3

MIAMI & OAKLAND FULL REPLACEMENT						
ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	BID PRICE	COST
202	32500		FT	CURB AND GUTTER REMOVED	\$ 20.00	\$ -
203	10000	4.5	CY	EXCAVATION	\$ 20.00	\$ 90.00
203	20000		CY	EMBANKMENT	\$ 28.00	\$ -
608	10000		SF	4" CONCRETE WALK	\$ 15.00	\$ -
608	52000	60	SF	CURB RAMP	\$ 27.00	\$ 1,620.00
608	53020	30	SF	DETECTABLE WARNING	\$ 8.00	\$ 240.00
614	11000	1	LS	MAINTAINING TRAFFIC	\$ 5,000.00	\$ 5,000.00
614	11300	1	EACH	SPECIAL - WORK ZONE TRAFFIC SIGNAL	\$ 20,000.00	\$ 20,000.00
625	25500	300	FT	CONDUIT, 3", 725.04	\$ 38.00	\$ 11,400.00
625	25600	50	FT	CONDUIT, 4", 725.04	\$ 55.00	\$ 2,750.00
625	25902	0	FT	CONDUIT, JACKED OR DRILLED, 725.04	\$ 61.00	\$ -
625	29000	50	FT	TRENCH	\$ 9.00	\$ 450.00
625	29400	350	FT	TRENCH IN PAVED AREA	\$ 38.00	\$ 13,300.00
625	30706	4	EACH	PULL BOX, 725.08, 24"	\$ 1,250.00	\$ 5,000.00
625	32000	7	EACH	GROUND ROD	\$ 245.00	\$ 1,715.00
630	79100	1	EACH	SIGN HANGER ASSEMBLY, MAST ARM	\$ 390.00	\$ 390.00
630	80100	7.5	SF	SIGN, FLAT SHEET	\$ 16.00	\$ 120.00
630	97700		EACH	SIGNING, MISC.: SOLAR POWERED RETANGULAR RAPID FLASHING BEACON (RRFB) PEDESTRIAN WARNING	\$ 20,000.00	\$ -
632	05007	6	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 950.00	\$ 5,700.00
632	05087		EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 1,550.00	\$ -
632	20731	6	EACH	PEDESTRIAN SIGNAL HEAD (LED), (COUNTDOWN), TYPE D2, AS PER PLAN	\$ 675.00	\$ 4,050.00
632	25000	6	EACH	COVERING OF VEHICULAR SIGNAL HEAD	\$ 50.00	\$ 300.00
632	25010	6	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	\$ 40.00	\$ 240.00
632	26001	4	EACH	PEDESTRIAN PUSHBUTTON, AS PER PLAN	\$ 410.00	\$ 1,640.00
632	40500	1500	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	\$ 3.50	\$ 5,250.00
632	40700		FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	\$ 4.00	\$ -
632	64010	3	EACH	SIGNAL SUPPORT FOUNDATION	\$ 6,100.00	\$ 18,300.00
632	64020	2	EACH	PEDESTAL FOUNDATION	\$ 1,250.00	\$ 2,500.00
632	65200	1100	FT	LOOP DETECTOR LEAD-IN CABLE	\$ 2.50	\$ 2,750.00
632	68200	150	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	\$ 6.75	\$ 1,012.50
632	70001	1	EACH	POWER SERVICE, AS PER PLAN	\$ 3,550.00	\$ 3,550.00
632	70400	1	EACH	CONDUIT RISER, 2" DIAMETER	\$ 875.00	\$ 875.00
632	72110	2	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 12,000.00	\$ 24,000.00
632	80981	1	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 13,000.00	\$ 13,000.00
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4	\$ 14,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110		EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 16,000.00	\$ -
632	72130		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 12	\$ 16,000.00	\$ -
632	89900	2	EACH	PEDESTAL, 11', TRANSFORMER BASE	\$ 1,000.00	\$ 2,000.00
632	90008		EACH	PEDESTAL, 15', TRANSFORMER BASE	\$ 2,000.00	\$ -
632	90101	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	\$ 5,000.00	\$ 5,000.00
633	01580	1	EACH	CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS1	\$ 10,000.00	\$ 10,000.00
633	01580		EACH	CONTROLLER MASTER, TRAFFIC RESPONSIVE	\$ 10,000.00	\$ -
633	67100	1	EACH	CABINET FOUNDATION	\$ 2,750.00	\$ 2,750.00
633	67200	1	EACH	CONTROLLER WORK PAD	\$ 1,000.00	\$ 1,000.00
633	75001		EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	\$ 7,500.00	\$ -
644	00500		FT	STOP LINE	\$ 8.00	\$ -
644	00600		FT	CROSSWALK LINE	\$ 5.00	\$ -
644	30000		FT	REMOVAL OF PAVEMENT MARKING	\$ 6.00	\$ -
809	69001		EACH	ADVANCE RADAR DETECTION, AS PER PLAN	\$ 8,250.00	\$ -
809	69101	1	EACH	STOP-BAR RADAR DETECTION, AS PER PLAN	\$ 8,000.00	\$ 8,000.00
CONSTRUCTION COST					\$	\$ 174,000.00
DESIGN COST					\$	\$ 52,200.00
CONTINGENCY (20%)					\$	\$ 45,200.00
TOTAL (WITH INFLATION TO YEAR 2027)					\$	\$ 318,900.00

TABLE 3

US 36 & LIPPENCOTT FULL REPLACEMENT						
ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	BID PRICE	COST
202	32500		FT	CURB AND GUTTER REMOVED	\$ 20.00	\$ -
203	10000	4.5	CY	EXCAVATION	\$ 20.00	\$ 90.00
203	20000	12.5	CY	EMBANKMENT	\$ 28.00	\$ 350.00
608	10000	25	SF	4" CONCRETE WALK	\$ 15.00	\$ 375.00
608	52000	60	SF	CURB RAMP	\$ 27.00	\$ 1,620.00
608	53020	30	SF	DETECTABLE WARNING	\$ 8.00	\$ 240.00
614	11000	1	LS	MAINTAINING TRAFFIC	\$ 5,000.00	\$ 5,000.00
614	11300	1	EACH	SPECIAL - WORK ZONE TRAFFIC SIGNAL	\$ 20,000.00	\$ 20,000.00
625	25500	300	FT	CONDUIT, 3", 725.04	\$ 38.00	\$ 11,400.00
625	25600	50	FT	CONDUIT, 4", 725.04	\$ 55.00	\$ 2,750.00
625	25902	0	FT	CONDUIT, JACKED OR DRILLED, 725.04	\$ 61.00	\$ -
625	29000	50	FT	TRENCH	\$ 9.00	\$ 450.00
625	29400	350	FT	TRENCH IN PAVED AREA	\$ 38.00	\$ 13,300.00
625	30706	4	EACH	PULL BOX, 725.08, 24"	\$ 1,250.00	\$ 5,000.00
625	32000	8	EACH	GROUND ROD	\$ 245.00	\$ 1,960.00
630	79100	0	EACH	SIGN HANGER ASSEMBLY, MAST ARM	\$ 390.00	\$ -
630	80100	0	SF	SIGN, FLAT SHEET	\$ 16.00	\$ -
630	97700	0	EACH	SIGNING, MISC.: SOLAR POWERED RETANGULAR RAPID FLASHING BEACON (RRFB) PEDESTRIAN WARNING	\$ 20,000.00	\$ -
632	05007	7	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 950.00	\$ 6,650.00
632	05087	1	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 1,550.00	\$ 1,550.00
632	20731	4	EACH	PEDESTRIAN SIGNAL HEAD (LED), (COUNTDOWN), TYPE D2, AS PER PLAN	\$ 675.00	\$ 2,700.00
632	25000	8	EACH	COVERING OF VEHICULAR SIGNAL HEAD	\$ 50.00	\$ 400.00
632	25010	4	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	\$ 40.00	\$ 160.00
632	26001	2	EACH	PEDESTRIAN PUSHBUTTON, AS PER PLAN	\$ 410.00	\$ 820.00
632	40500	750	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	\$ 3.50	\$ 2,625.00
632	40700	750	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	\$ 4.00	\$ 3,000.00
632	64010	4	EACH	SIGNAL SUPPORT FOUNDATION	\$ 6,100.00	\$ 24,400.00
632	64020	2	EACH	PEDESTAL FOUNDATION	\$ 1,250.00	\$ 2,500.00
632	65200	1100	FT	LOOP DETECTOR LEAD-IN CABLE	\$ 2.50	\$ 2,750.00
632	68200	150	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	\$ 6.75	\$ 1,012.50
632	70001	1	EACH	POWER SERVICE, AS PER PLAN	\$ 3,550.00	\$ 3,550.00
632	70400	1	EACH	CONDUIT RISER, 2" DIAMETER	\$ 875.00	\$ 875.00
632	72110	3	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 12,000.00	\$ 36,000.00
632	80981		EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 13,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4	\$ 14,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110		EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND	\$ 16,000.00	\$ -
632	72130	1	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 12	\$ 16,000.00	\$ 16,000.00
632	89900	2	EACH	PEDESTAL, 11', TRANSFORMER BASE	\$ 1,000.00	\$ 2,000.00
632	90008		EACH	PEDESTAL, 15', TRANSFORMER BASE	\$ 2,000.00	\$ -
632	90101	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	\$ 5,000.00	\$ 5,000.00
633	01580	1	EACH	CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS1	\$ 10,000.00	\$ 10,000.00
633	01580		EACH	CONTROLLER MASTER, TRAFFIC RESPONSIVE	\$ 10,000.00	\$ -
633	67100	1	EACH	CABINET FOUNDATION	\$ 2,750.00	\$ 2,750.00
633	67200	1	EACH	CONTROLLER WORK PAD	\$ 1,000.00	\$ 1,000.00
633	75001		EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	\$ 7,500.00	\$ -
644	00500	55	FT	STOP LINE	\$ 8.00	\$ 440.00
644	00600	120	FT	CROSSWALK LINE	\$ 5.00	\$ 600.00
644	30000	55	FT	REMOVAL OF PAVEMENT MARKING	\$ 6.00	\$ 330.00
809	69001		EACH	ADVANCE RADAR DETECTION, AS PER PLAN	\$ 8,250.00	\$ -
809	69101	2	EACH	STOP-BAR RADAR DETECTION, AS PER PLAN	\$ 8,000.00	\$ 16,000.00
					CONSTRUCTION COST	\$ 205,600.00
					DESIGN COST	\$ 61,700.00
					CONTINGENCY (20%)	\$ 53,500.00
					TOTAL (WITH INFLATION TO YEAR 2027)	\$ 376,900.00

Notes:

Including a pedestrian crossing over US 36

TABLE 3

JEFFERSON & WATER FULL REPLACEMENT						
ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	BID PRICE	COST
202	32500	50	FT	CURB AND GUTTER REMOVED	\$ 20.00	\$ 1,000.00
203	10000	3	CY	EXCAVATION	\$ 20.00	\$ 60.00
203	20000	25	CY	EMBANKMENT	\$ 28.00	\$ 700.00
608	10000	50	SF	4" CONCRETE WALK	\$ 15.00	\$ 750.00
608	52000	40	SF	CURB RAMP	\$ 27.00	\$ 1,080.00
608	53020	20	SF	DETECTABLE WARNING	\$ 8.00	\$ 160.00
614	11000	1	LS	MAINTAINING TRAFFIC	\$ 5,000.00	\$ 5,000.00
614	11300	1	EACH	SPECIAL - WORK ZONE TRAFFIC SIGNAL	\$ 20,000.00	\$ 20,000.00
625	25500	300	FT	CONDUIT, 3", 725.04	\$ 38.00	\$ 11,400.00
625	25600	50	FT	CONDUIT, 4", 725.04	\$ 55.00	\$ 2,750.00
625	25902	0	FT	CONDUIT, JACKED OR DRILLED, 725.04	\$ 61.00	\$ -
625	29000	50	FT	TRENCH	\$ 9.00	\$ 450.00
625	29400	350	FT	TRENCH IN PAVED AREA	\$ 38.00	\$ 13,300.00
625	30706	4	EACH	PULL BOX, 725.08, 24"	\$ 1,250.00	\$ 5,000.00
625	32000	8	EACH	GROUND ROD	\$ 245.00	\$ 1,960.00
630	79100	4	EACH	SIGN HANGER ASSEMBLY, MAST ARM	\$ 390.00	\$ 1,560.00
630	80100	30	SF	SIGN, FLAT SHEET	\$ 16.00	\$ 480.00
630	97700	0	EACH	SIGNING, MISC.: SOLAR POWERED RETANGULAR RAPID FLASHING BEACON (RRFB) PEDESTRIAN WARNING	\$ 20,000.00	\$ -
632	05007	8	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 950.00	\$ 7,600.00
632	05087		EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 1,550.00	\$ -
632	20731	4	EACH	PEDESTRIAN SIGNAL HEAD (LED), (COUNTDOWN), TYPE D2, AS PER PLAN	\$ 675.00	\$ 2,700.00
632	25000	8	EACH	COVERING OF VEHICULAR SIGNAL HEAD	\$ 50.00	\$ 400.00
632	25010	4	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	\$ 40.00	\$ 160.00
632	26001	2	EACH	PEDESTRIAN PUSHBUTTON, AS PER PLAN	\$ 410.00	\$ 820.00
632	40500	1500	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	\$ 3.50	\$ 5,250.00
632	40700	0	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	\$ 4.00	\$ -
632	64010	4	EACH	SIGNAL SUPPORT FOUNDATION	\$ 6,100.00	\$ 24,400.00
632	64020	2	EACH	PEDESTAL FOUNDATION	\$ 1,250.00	\$ 2,500.00
632	65200	1100	FT	LOOP DETECTOR LEAD-IN CABLE	\$ 2.50	\$ 2,750.00
632	68200	150	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	\$ 6.75	\$ 1,012.50
632	70001	1	EACH	POWER SERVICE, AS PER PLAN	\$ 3,550.00	\$ 3,550.00
632	70400	1	EACH	CONDUIT RISER, 2" DIAMETER	\$ 875.00	\$ 875.00
632	72110	4	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 12,000.00	\$ 48,000.00
632	80981		EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 13,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4	\$ 14,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110		EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 16,000.00	\$ -
632	72130		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 12	\$ 16,000.00	\$ -
632	89900	2	EACH	PEDESTAL, 11', TRANSFORMER BASE	\$ 1,000.00	\$ 2,000.00
632	90008		EACH	PEDESTAL, 15', TRANSFORMER BASE	\$ 2,000.00	\$ -
632	90101	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	\$ 5,000.00	\$ 5,000.00
633	01580	1	EACH	CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS1	\$ 10,000.00	\$ 10,000.00
633	01580		EACH	CONTROLLER MASTER, TRAFFIC RESPONSIVE	\$ 10,000.00	\$ -
633	67100	1	EACH	CABINET FOUNDATION	\$ 2,750.00	\$ 2,750.00
633	67200	1	EACH	CONTROLLER WORK PAD	\$ 1,000.00	\$ 1,000.00
633	75001		EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	\$ 7,500.00	\$ -
644	00500		FT	STOP LINE	\$ 8.00	\$ -
644	00600		FT	CROSSWALK LINE	\$ 5.00	\$ -
644	30000		FT	REMOVAL OF PAVEMENT MARKING	\$ 6.00	\$ -
809	69001		EACH	ADVANCE RADAR DETECTION, AS PER PLAN	\$ 8,250.00	\$ -
809	69101	2	EACH	STOP-BAR RADAR DETECTION, AS PER PLAN	\$ 8,000.00	\$ 16,000.00
CONSTRUCTION COST					\$ 202,400.00	
DESIGN COST					\$ 60,700.00	
CONTINGENCY (20%)					\$ 52,600.00	
TOTAL (WITH INFLATION TO YEAR 2027)					\$ 370,900.00	

TABLE 3

SCIOTO & KENTON FULL REPLACEMENT						
ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	BID PRICE	COST
202	32500	50	FT	CURB AND GUTTER REMOVED	\$ 20.00	\$ 1,000.00
203	10000	3	CY	EXCAVATION	\$ 20.00	\$ 60.00
203	20000	25	CY	EMBANKMENT	\$ 28.00	\$ 700.00
608	10000	50	SF	4" CONCRETE WALK	\$ 15.00	\$ 750.00
608	52000	40	SF	CURB RAMP	\$ 27.00	\$ 1,080.00
608	53020	20	SF	DETECTABLE WARNING	\$ 8.00	\$ 160.00
614	11000	1	LS	MAINTAINING TRAFFIC	\$ 5,000.00	\$ 5,000.00
614	11300	1	EACH	SPECIAL - WORK ZONE TRAFFIC SIGNAL	\$ 20,000.00	\$ 20,000.00
625	25500	300	FT	CONDUIT, 3", 725.04	\$ 38.00	\$ 11,400.00
625	25600	50	FT	CONDUIT, 4", 725.04	\$ 55.00	\$ 2,750.00
625	25902	0	FT	CONDUIT, JACKED OR DRILLED, 725.04	\$ 61.00	\$ -
625	29000	50	FT	TRENCH	\$ 9.00	\$ 450.00
625	29400	350	FT	TRENCH IN PAVED AREA	\$ 38.00	\$ 13,300.00
625	30706	4	EACH	PULL BOX, 725.08, 24"	\$ 1,250.00	\$ 5,000.00
625	32000	8	EACH	GROUND ROD	\$ 245.00	\$ 1,960.00
630	79100	1	EACH	SIGN HANGER ASSEMBLY, MAST ARM	\$ 390.00	\$ 390.00
630	80100	7.5	SF	SIGN, FLAT SHEET	\$ 16.00	\$ 120.00
630	97700	0	EACH	SIGNING, MISC.: SOLAR POWERED RETANGULAR RAPID FLASHING BEACON (RRFB) PEDESTRIAN WARNING	\$ 20,000.00	\$ -
632	05007	8	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 950.00	\$ 7,600.00
632	05087		EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 1,550.00	\$ -
632	20731	8	EACH	PEDESTRIAN SIGNAL HEAD (LED), (COUNTDOWN), TYPE D2, AS PER PLAN	\$ 675.00	\$ 5,400.00
632	25000	8	EACH	COVERING OF VEHICULAR SIGNAL HEAD	\$ 50.00	\$ 400.00
632	25010	8	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	\$ 40.00	\$ 320.00
632	26001	4	EACH	PEDESTRIAN PUSHBUTTON, AS PER PLAN	\$ 410.00	\$ 1,640.00
632	40500	1500	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	\$ 3.50	\$ 5,250.00
632	40700	0	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	\$ 4.00	\$ -
632	64010	4	EACH	SIGNAL SUPPORT FOUNDATION	\$ 6,100.00	\$ 24,400.00
632	64020	2	EACH	PEDESTAL FOUNDATION	\$ 1,250.00	\$ 2,500.00
632	65200	1100	FT	LOOP DETECTOR LEAD-IN CABLE	\$ 2.50	\$ 2,750.00
632	68200	150	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	\$ 6.75	\$ 1,012.50
632	70001	1	EACH	POWER SERVICE, AS PER PLAN	\$ 3,550.00	\$ 3,550.00
632	70400	1	EACH	CONDUIT RISER, 2" DIAMETER	\$ 875.00	\$ 875.00
632	72110	3	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 12,000.00	\$ 36,000.00
632	80981	1	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 13,000.00	\$ 13,000.00
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4	\$ 14,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00	\$ -
632	72110		EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 16,000.00	\$ -
632	72130		EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 12	\$ 16,000.00	\$ -
632	89900	2	EACH	PEDESTAL, 11', TRANSFORMER BASE	\$ 1,000.00	\$ 2,000.00
632	90008		EACH	PEDESTAL, 15', TRANSFORMER BASE	\$ 2,000.00	\$ -
632	90101	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	\$ 5,000.00	\$ 5,000.00
633	01580	1	EACH	CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS1	\$ 10,000.00	\$ 10,000.00
633	01580		EACH	CONTROLLER MASTER, TRAFFIC RESPONSIVE	\$ 10,000.00	\$ -
633	67100	1	EACH	CABINET FOUNDATION	\$ 2,750.00	\$ 2,750.00
633	67200	1	EACH	CONTROLLER WORK PAD	\$ 1,000.00	\$ 1,000.00
633	75001		EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	\$ 7,500.00	\$ -
644	00500		FT	STOP LINE	\$ 8.00	\$ -
644	00600		FT	CROSSWALK LINE	\$ 5.00	\$ -
644	30000		FT	REMOVAL OF PAVEMENT MARKING	\$ 6.00	\$ -
809	69001		EACH	ADVANCE RADAR DETECTION, AS PER PLAN	\$ 8,250.00	\$ -
809	69101	2	EACH	STOP-BAR RADAR DETECTION, AS PER PLAN	\$ 8,000.00	\$ 16,000.00
CONSTRUCTION COST					\$ 205,600.00	
DESIGN COST					\$ 61,700.00	
CONTINGENCY (20%)					\$ 53,500.00	
TOTAL (WITH INFLATION TO YEAR 2027)					\$ 376,900.00	

TABLE 3

SUMMARY OF FULL SIGNAL REPLACEMENTS				
ITEM	ITEM EXT.	UNIT	DESCRIPTION	COST
202	32500	FT	CURB AND GUTTER REMOVED	\$ 3,000.00
203	10000	CY	EXCAVATION	\$ 870.00
203	20000	CY	EMBANKMENT	\$ 2,450.00
608	10000	SF	4" CONCRETE WALK	\$ 2,625.00
608	52000	SF	CURB RAMP	\$ 15,660.00
608	53020	SF	DETECTABLE WARNING	\$ 2,320.00
614	11000	LS	MAINTAINING TRAFFIC	\$ 45,000.00
614	11300	EACH	SPECIAL - WORK ZONE TRAFFIC SIGNAL	\$ 180,000.00
625	25500	FT	CONDUIT, 3", 725.04	\$ 98,800.00
625	25600	FT	CONDUIT, 4", 725.04	\$ 30,250.00
625	25902	FT	CONDUIT, JACKED OR DRILLED, 725.04	\$ -
625	29000	FT	TRENCH	\$ 4,500.00
625	29400	FT	TRENCH IN PAVED AREA	\$ 115,900.00
625	30706	EACH	PULL BOX, 725.08, 24"	\$ 45,000.00
625	32000	EACH	GROUND ROD	\$ 16,170.00
630	79100	EACH	SIGN HANGER ASSEMBLY, MAST ARM	\$ 7,020.00
630	80100	SF	SIGN, FLAT SHEET	\$ 2,160.00
630	97700	EACH	SIGNING, MISC.: SOLAR POWERED RETANGULAR RAPID FLASHING BEACON (RRFB) PEDESTRIAN WARNING	\$ 20,000.00
632	05007	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 56,050.00
632	05087	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 7,750.00
632	20731	EACH	PEDESTRIAN SIGNAL HEAD (LED), (COUNTDOWN), TYPE D2, AS PER PLAN	\$ 32,400.00
632	25000	EACH	COVERING OF VEHICULAR SIGNAL HEAD	\$ 3,200.00
632	25010	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	\$ 1,920.00
632	26001	EACH	PEDESTRIAN PUSHBUTTON, AS PER PLAN	\$ 10,660.00
632	40500	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	\$ 39,550.00
632	40700	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	\$ 6,000.00
632	64010	EACH	SIGNAL SUPPORT FOUNDATION	\$ 189,100.00
632	64020	EACH	PEDESTAL FOUNDATION	\$ 22,500.00
632	65200	FT	LOOP DETECTOR LEAD-IN CABLE	\$ 24,750.00
632	68200	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	\$ 8,437.50
632	70001	EACH	POWER SERVICE, AS PER PLAN	\$ 31,950.00
632	70400	EACH	CONDUIT RISER, 2" DIAMETER	\$ 7,875.00
632	72110	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 180,000.00
632	80981	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2	\$ 26,000.00
632	72110	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4	\$ 84,000.00
632	72110	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00
632	72110	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 15,000.00
632	72110	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 6 POLE, WITH MAST ARM TC-81.21 DESIGN 3 AND DESIGN 3	\$ 16,000.00
632	72130	EACH	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 12	\$ 48,000.00
632	89900	EACH	PEDESTAL, 11', TRANSFORMER BASE	\$ 18,000.00
632	90008	EACH	PEDESTAL, 15', TRANSFORMER BASE	\$ 4,000.00
632	90101	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	\$ 45,000.00
633	01580	EACH	CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS1	\$ 90,000.00
633	01580	EACH	CONTROLLER MASTER, TRAFFIC RESPONSIVE	\$ -
633	67100	EACH	CABINET FOUNDATION	\$ 24,750.00
633	67200	EACH	CONTROLLER WORK PAD	\$ 9,000.00
633	75001	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	\$ 7,500.00
644	00500	FT	STOP LINE	\$ 440.00
644	00600	FT	CROSSWALK LINE	\$ 600.00
644	30000	FT	REMOVAL OF PAVEMENT MARKING	\$ 330.00
809	69001	EACH	ADVANCE RADAR DETECTION, AS PER PLAN	\$ -
809	69101	EACH	STOP-BAR RADAR DETECTION, AS PER PLAN	\$ 168,000.00
CONSTRUCTION COST				\$ 1,785,500.00
DESIGN COST				\$ 535,700.00
CONTINGENCY (20%)				\$ 464,200.00
TOTAL (WITH INFLATION TO YEAR 2027)				\$ 3,272,800.00

CELLULAR SIGNAL SYSTEM

ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	BID PRICE	COST
633	99000	1	EACH	CONTROLLER ITEM, MISC.: OFFICE MONITOR	\$ 2,000.00	\$ 2,000.00
633	68511	9	EACH	COMMUNICATIONS, CELLULAR UNIT, AS PER PLAN	\$ 6,500.00	\$ 58,500.00
CONSTRUCTION COST					\$ 60,500.00	
DESIGN COST					\$ 18,200.00	
CONTINGENCY (20%)					\$ 15,700.00	
TOTAL (WITH INFLATION TO YEAR 2027)					\$ 110,900.00	

Notes:

Assumed that controllers would already be replaced

No removal of existing system; assumes all twisted pair would be abandoned in place.

Unit cost of the cellular unit includes monitoring software and training

Unit cost of the cellular unit includes 10 years of hosting.