

SR 254 & I-90 EB Ramps - TMC

Thu May 19, 2022

Full Length (7:15 AM-8:15 AM, 9:30 AM-10:30 AM, 11:45 AM-12:45 PM, 4:15 PM-5:15 PM)

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

All Movements

ID: 966406, Location: 41.424931, -82.081249



LOUKAS

engineering
TRAFFIC DATA & CONSULTING

Provided by: Loukas Engineering
232 19th St. NW,
Canton, OH, 44709, US

Leg Direction	SR 254 (Detroit Rd.) Eastbound					SR 254 (Detroit Rd.) Westbound					I-90 EB Off Ramp Northbound					I-90 EB On Ramp Southbound		Int
	L	T	U	App	Ped*	T	R	U	App	Ped*	L	T	R	App	Ped*	App	Ped*	
2022-05-19 7:15AM	46	85	0	131	0	114	111	0	225	0	18	0	95	113	0	0	0	469
7:30AM	68	111	0	179	0	123	132	0	255	0	10	0	119	129	0	0	0	563
7:45AM	59	143	0	202	0	152	129	0	281	0	24	0	134	158	0	0	0	641
Hourly Total	173	339	0	512	0	389	372	0	761	0	52	0	348	400	0	0	0	1673
8:00AM	43	117	0	160	0	112	116	0	228	0	18	0	101	119	0	0	0	507
Hourly Total	43	117	0	160	0	112	116	0	228	0	18	0	101	119	0	0	0	507
9:30AM	40	140	0	180	0	142	64	0	206	0	13	0	80	93	0	0	0	479
9:45AM	40	125	0	165	0	128	65	0	193	0	11	1	93	105	0	0	0	463
Hourly Total	80	265	0	345	0	270	129	0	399	0	24	1	173	198	0	0	0	942
10:00AM	44	130	0	174	0	125	66	0	191	0	22	0	72	94	0	0	0	459
10:15AM	31	163	0	194	0	143	72	0	215	0	16	1	87	104	0	0	0	513
Hourly Total	75	293	0	368	0	268	138	0	406	0	38	1	159	198	0	0	0	972
11:45AM	25	176	0	201	0	186	73	0	259	0	10	0	100	110	0	0	0	570
Hourly Total	25	176	0	201	0	186	73	0	259	0	10	0	100	110	0	0	0	570
12:00PM	45	213	0	258	0	164	71	0	235	0	15	0	83	98	0	0	0	591
12:15PM	34	188	0	222	0	184	72	0	256	0	12	0	73	85	0	0	0	563
12:30PM	42	171	0	213	0	185	68	0	253	0	14	0	111	125	0	0	1	591
Hourly Total	121	572	0	693	0	533	211	0	744	0	41	0	267	308	0	0	1	1745
4:15PM	49	198	0	247	0	222	89	0	311	0	9	0	123	132	0	0	0	690
4:30PM	54	213	0	267	0	240	79	0	319	0	11	2	110	123	0	0	0	709
4:45PM	54	212	0	266	0	203	88	0	291	0	10	1	119	130	0	0	0	687
Hourly Total	157	623	0	780	0	665	256	0	921	0	30	3	352	385	0	0	0	2086
5:00PM	45	228	0	273	0	239	102	0	341	0	12	0	120	132	0	0	0	746
Hourly Total	45	228	0	273	0	239	102	0	341	0	12	0	120	132	0	0	0	746
2022-05-21 11:45AM	39	192	0	231	0	173	67	0	240	0	9	0	100	109	0	0	0	580
Hourly Total	39	192	0	231	0	173	67	0	240	0	9	0	100	109	0	0	0	580
12:00PM	62	188	0	250	0	175	54	0	229	0	9	0	119	128	0	0	0	607
12:15PM	37	177	0	214	0	174	83	0	257	0	14	0	91	105	0	0	0	576
12:30PM	36	177	0	213	0	192	90	0	282	0	8	0	99	107	0	0	0	602
Hourly Total	135	542	0	677	0	541	227	0	768	0	31	0	309	340	0	0	0	1785
Total	893	3347	0	4240	0	3376	1691	0	5067	0	265	5	2029	2299	0	0	1	11606
% Approach	21.1%	78.9%	0%	-	-	66.6%	33.4%	0%	-	-	11.5%	0.2%	88.3%	-	-	-	-	-
% Total	7.7%	28.8%	0%	36.5%	-	29.1%	14.6%	0%	43.7%	-	2.3%	0%	17.5%	19.8%	-	0%	-	-
Lights	849	3248	0	4097	-	3282	1665	0	4947	-	239	5	1959	2203	-	0	-	11247
% Lights	95.1%	97.0%	0%	96.6%	-	97.2%	98.5%	0%	97.6%	-	90.2%	100%	96.6%	95.8%	-	-	-	96.9%
Articulated Trucks	4	26	0	30	-	35	8	0	43	-	10	0	36	46	-	0	-	119
% Articulated Trucks	0.4%	0.8%	0%	0.7%	-	1.0%	0.5%	0%	0.8%	-	3.8%	0%	1.8%	2.0%	-	-	-	1.0%
Buses and Single-Unit Trucks	40	73	0	113	-	59	18	0	77	-	16	0	34	50	-	0	-	240
% Buses and Single-Unit Trucks	4.5%	2.2%	0%	2.7%	-	1.7%	1.1%	0%	1.5%	-	6.0%	0%	1.7%	2.2%	-	-	-	2.1%
Pedestrians	-	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-	1
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 254 & I-90 EB Ramps - TMC

Thu May 19, 2022

Full Length (7:15 AM-8:15 AM, 9:30 AM-10:30 AM, 11:45 AM-12:45 PM, 4:15 PM-5:15 PM)

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

All Movements

ID: 966406, Location: 41.424931, -82.081249



LOUKAS

engineering

TRAFFIC DATA & CONSULTING

Provided by: Loukas Engineering

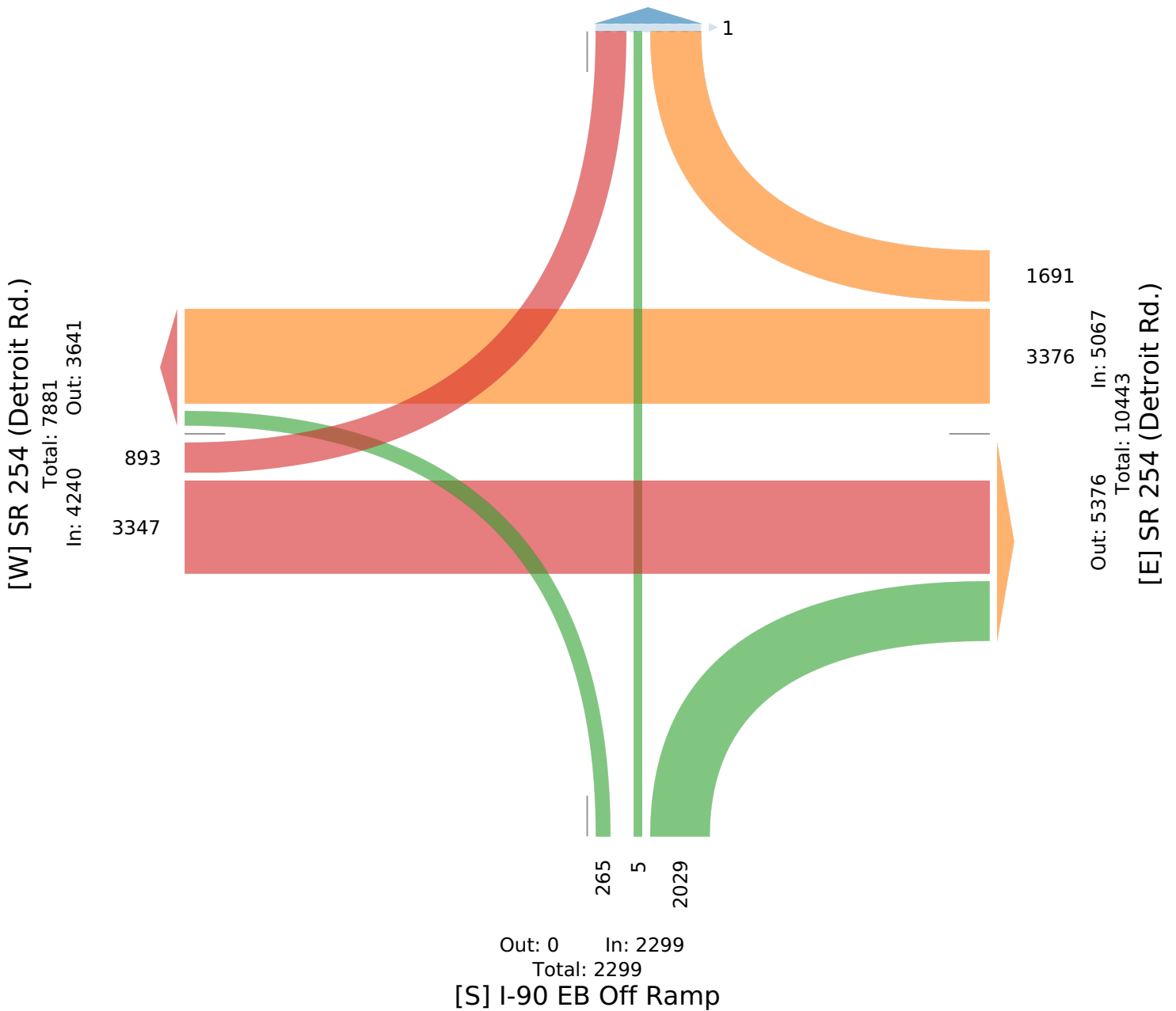
232 19th St. NW,

Canton, OH, 44709, US

[N] I-90 EB On Ramp

Total: 2589

In: 0 Out: 2589



SR 254 & I-90 EB Ramps - TMC

Thu May 19, 2022

AM Peak (May 19 2022 7:15AM - 8:15 AM)

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

All Movements

ID: 966406, Location: 41.424931, -82.081249



LOUKAS

engineering

TRAFFIC DATA & CONSULTING

Provided by: Loukas Engineering

232 19th St. NW, Canton, OH, 44709, US

Leg Direction	SR 254 (Detroit Rd.) Eastbound					SR 254 (Detroit Rd.) Westbound					I-90 EB Off Ramp Northbound					I-90 EB On Ramp Southbound		Int
	L	T	U	App	Ped*	T	R	U	App	Ped*	L	T	R	App	Ped*	App	Ped*	
2022-05-19 7:15AM	46	85	0	131	0	114	111	0	225	0	18	0	95	113	0	0	0	469
7:30AM	68	111	0	179	0	123	132	0	255	0	10	0	119	129	0	0	0	563
7:45AM	59	143	0	202	0	152	129	0	281	0	24	0	134	158	0	0	0	641
8:00AM	43	117	0	160	0	112	116	0	228	0	18	0	101	119	0	0	0	507
Total	216	456	0	672	0	501	488	0	989	0	70	0	449	519	0	0	0	2180
% Approach	32.1%	67.9%	0%	-	-	50.7%	49.3%	0%	-	-	13.5%	0%	86.5%	-	-	-	-	-
% Total	9.9%	20.9%	0%	30.8%	-	23.0%	22.4%	0%	45.4%	-	3.2%	0%	20.6%	23.8%	-	0%	-	-
PHF	0.794	0.797	-	0.832	-	0.824	0.924	-	0.880	-	0.729	-	0.838	0.821	-	-	-	0.850
Lights	206	429	0	635	-	480	481	0	961	-	63	0	434	497	-	0	-	2093
% Lights	95.4%	94.1%	0%	94.5%	-	95.8%	98.6%	0%	97.2%	-	90.0%	0%	96.7%	95.8%	-	-	-	96.0%
Articulated Trucks	2	4	0	6	-	11	2	0	13	-	2	0	11	13	-	0	-	32
% Articulated Trucks	0.9%	0.9%	0%	0.9%	-	2.2%	0.4%	0%	1.3%	-	2.9%	0%	2.4%	2.5%	-	-	-	1.5%
Buses and Single-Unit Trucks	8	23	0	31	-	10	5	0	15	-	5	0	4	9	-	0	-	55
% Buses and Single-Unit Trucks	3.7%	5.0%	0%	4.6%	-	2.0%	1.0%	0%	1.5%	-	7.1%	0%	0.9%	1.7%	-	-	-	2.5%
Pedestrians	-	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-	0
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 254 & I-90 EB Ramps - TMC

Thu May 19, 2022

AM Peak (May 19 2022 7:15AM - 8:15 AM)

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

All Movements

ID: 966406, Location: 41.424931, -82.081249



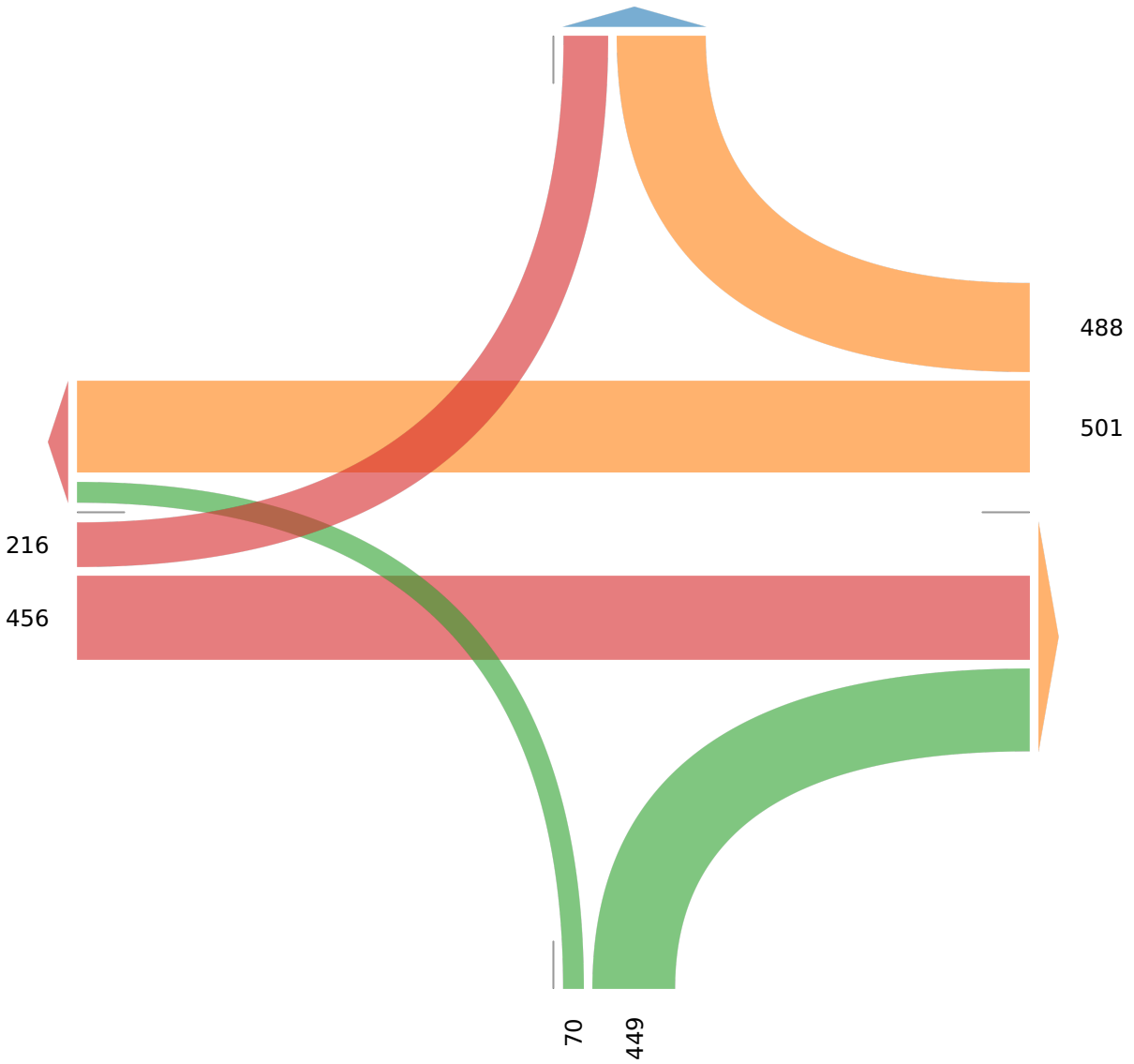
Provided by: Loukas Engineering
232 19th St. NW, Canton, OH, 44709, US

[N] I-90 EB On Ramp

Total: 704
In: 0 Out: 704

[W] SR 254 (Detroit Rd.)

Total: 1243
In: 672 Out: 571



[S] I-90 EB Off Ramp

SR 254 & I-90 EB Ramps - TMC

Thu May 19, 2022

Midday Peak (May 19 2022 11:45AM - 12:45 PM)

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

All Movements

ID: 966406, Location: 41.424931, -82.081249



LOUKAS

engineering

TRAFFIC DATA & CONSULTING

Provided by: Loukas Engineering

232 19th St. NW, Canton, OH, 44709, US

Leg Direction	SR 254 (Detroit Rd.) Eastbound					SR 254 (Detroit Rd.) Westbound					I-90 EB Off Ramp Northbound					I-90 EB On Ramp Southbound		Int	
	L	T	U	App	Ped*	T	R	U	App	Ped*	L	T	R	App	Ped*	App	Ped*		
2022-05-19 11:45AM	25	176	0	201	0	186	73	0	259	0	10	0	100	110	0	0	0	0	570
12:00PM	45	213	0	258	0	164	71	0	235	0	15	0	83	98	0	0	0	0	591
12:15PM	34	188	0	222	0	184	72	0	256	0	12	0	73	85	0	0	0	0	563
12:30PM	42	171	0	213	0	185	68	0	253	0	14	0	111	125	0	0	1	1	591
Total	146	748	0	894	0	719	284	0	1003	0	51	0	367	418	0	0	1	1	2315
% Approach	16.3%	83.7%	0%	-	-	71.7%	28.3%	0%	-	-	12.2%	0%	87.8%	-	-	-	-	-	-
% Total	6.3%	32.3%	0%	38.6%	-	31.1%	12.3%	0%	43.3%	-	2.2%	0%	15.9%	18.1%	-	0%	-	-	-
PHF	0.811	0.878	-	0.866	-	0.966	0.973	-	0.968	-	0.850	-	0.827	0.836	-	-	-	-	0.979
Lights	135	721	0	856	-	694	276	0	970	-	44	0	351	395	-	0	-	-	2221
% Lights	92.5%	96.4%	0%	95.7%	-	96.5%	97.2%	0%	96.7%	-	86.3%	0%	95.6%	94.5%	-	-	-	-	95.9%
Articulated Trucks	1	9	0	10	-	9	3	0	12	-	1	0	7	8	-	0	-	-	30
% Articulated Trucks	0.7%	1.2%	0%	1.1%	-	1.3%	1.1%	0%	1.2%	-	2.0%	0%	1.9%	1.9%	-	-	-	-	1.3%
Buses and Single-Unit Trucks	10	18	0	28	-	16	5	0	21	-	6	0	9	15	-	0	-	-	64
% Buses and Single-Unit Trucks	6.8%	2.4%	0%	3.1%	-	2.2%	1.8%	0%	2.1%	-	11.8%	0%	2.5%	3.6%	-	-	-	-	2.8%
Pedestrians	-	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-	1	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100%	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 254 & I-90 EB Ramps - TMC

Thu May 19, 2022

Midday Peak (May 19 2022 11:45AM - 12:45 PM)

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

All Movements

ID: 966406, Location: 41.424931, -82.081249



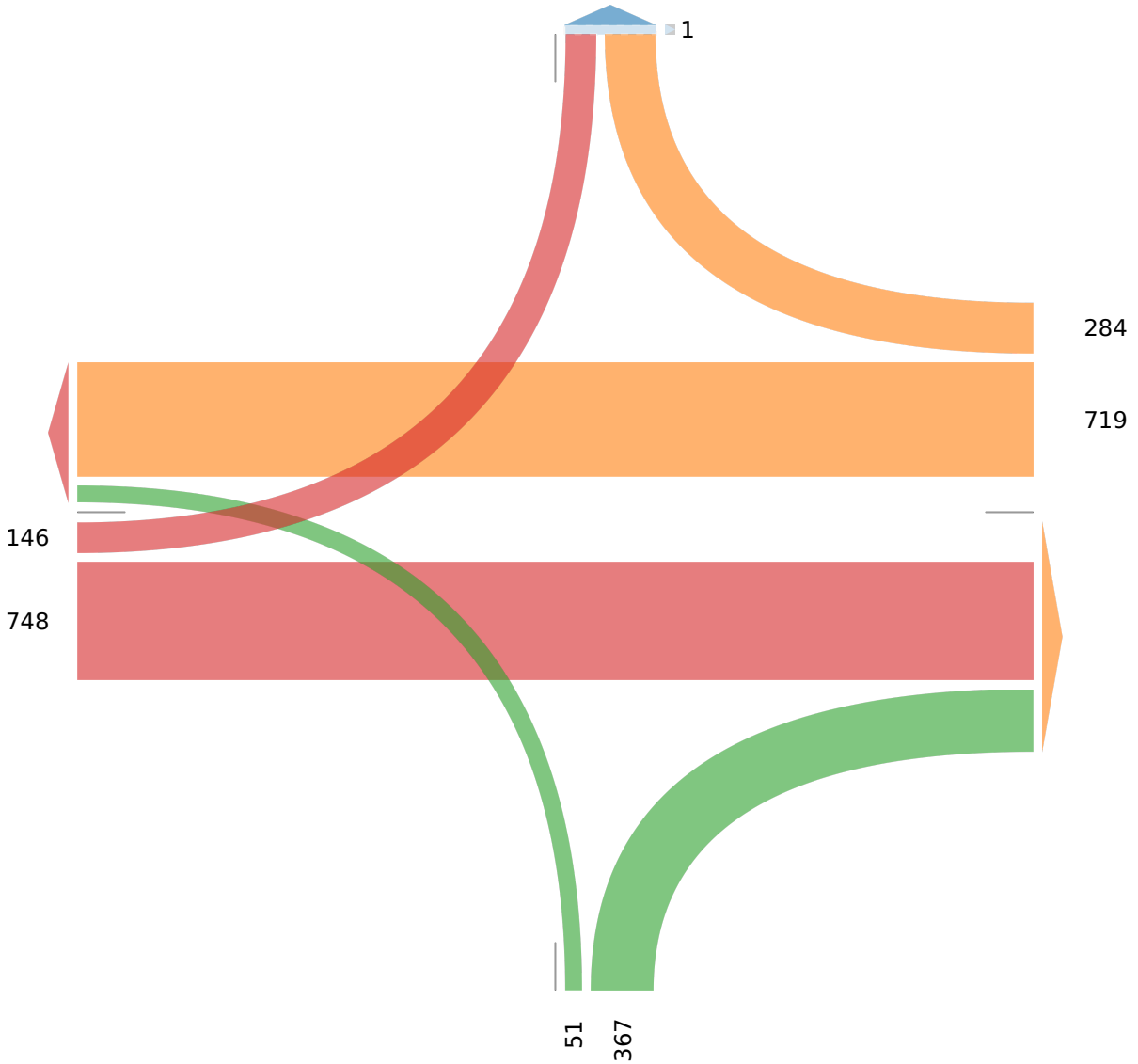
Provided by: Loukas Engineering
232 19th St. NW, Canton, OH, 44709, US

[N] I-90 EB On Ramp

Total: 430
In: 0 Out: 430

[W] SR 254 (Detroit Rd.)

Total: 1664
In: 894 Out: 770



Out: 0 In: 418
Total: 418
[S] I-90 EB Off Ramp

SR 254 & I-90 EB Ramps - TMC

Thu May 19, 2022

PM Peak (May 19 2022 4:15PM - 5:15 PM) - Overall Peak Hour

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

All Movements

ID: 966406, Location: 41.424931, -82.081249



LOUKAS

engineering

TRAFFIC DATA & CONSULTING

Provided by: Loukas Engineering

232 19th St. NW, Canton, OH, 44709, US

Leg Direction	SR 254 (Detroit Rd.) Eastbound					SR 254 (Detroit Rd.) Westbound					I-90 EB Off Ramp Northbound					I-90 EB On Ramp Southbound		Int
	L	T	U	App	Ped*	T	R	U	App	Ped*	L	T	R	App	Ped*	App	Ped*	
2022-05-19 4:15PM	49	198	0	247	0	222	89	0	311	0	9	0	123	132	0	0	0	690
4:30PM	54	213	0	267	0	240	79	0	319	0	11	2	110	123	0	0	0	709
4:45PM	54	212	0	266	0	203	88	0	291	0	10	1	119	130	0	0	0	687
5:00PM	45	228	0	273	0	239	102	0	341	0	12	0	120	132	0	0	0	746
Total	202	851	0	1053	0	904	358	0	1262	0	42	3	472	517	0	0	0	2832
% Approach	19.2%	80.8%	0%	-	-	71.6%	28.4%	0%	-	-	8.1%	0.6%	91.3%	-	-	-	-	-
% Total	7.1%	30.0%	0%	37.2%	-	31.9%	12.6%	0%	44.6%	-	1.5%	0.1%	16.7%	18.3%	-	0%	-	-
PHF	0.935	0.933	-	0.964	-	0.942	0.877	-	0.925	-	0.875	0.375	0.959	0.979	-	-	-	0.949
Lights	193	842	0	1035	-	888	355	0	1243	-	40	3	461	504	-	0	-	2782
% Lights	95.5%	98.9%	0%	98.3%	-	98.2%	99.2%	0%	98.5%	-	95.2%	100%	97.7%	97.5%	-	-	-	98.2%
Articulated Trucks	0	2	0	2	-	4	2	0	6	-	1	0	8	9	-	0	-	17
% Articulated Trucks	0%	0.2%	0%	0.2%	-	0.4%	0.6%	0%	0.5%	-	2.4%	0%	1.7%	1.7%	-	-	-	0.6%
Buses and Single-Unit Trucks	9	7	0	16	-	12	1	0	13	-	1	0	3	4	-	0	-	33
% Buses and Single-Unit Trucks	4.5%	0.8%	0%	1.5%	-	1.3%	0.3%	0%	1.0%	-	2.4%	0%	0.6%	0.8%	-	-	-	1.2%
Pedestrians	-	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-	0
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 254 & I-90 EB Ramps - TMC

Thu May 19, 2022

PM Peak (May 19 2022 4:15PM - 5:15 PM) - Overall Peak Hour

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

All Movements

ID: 966406, Location: 41.424931, -82.081249



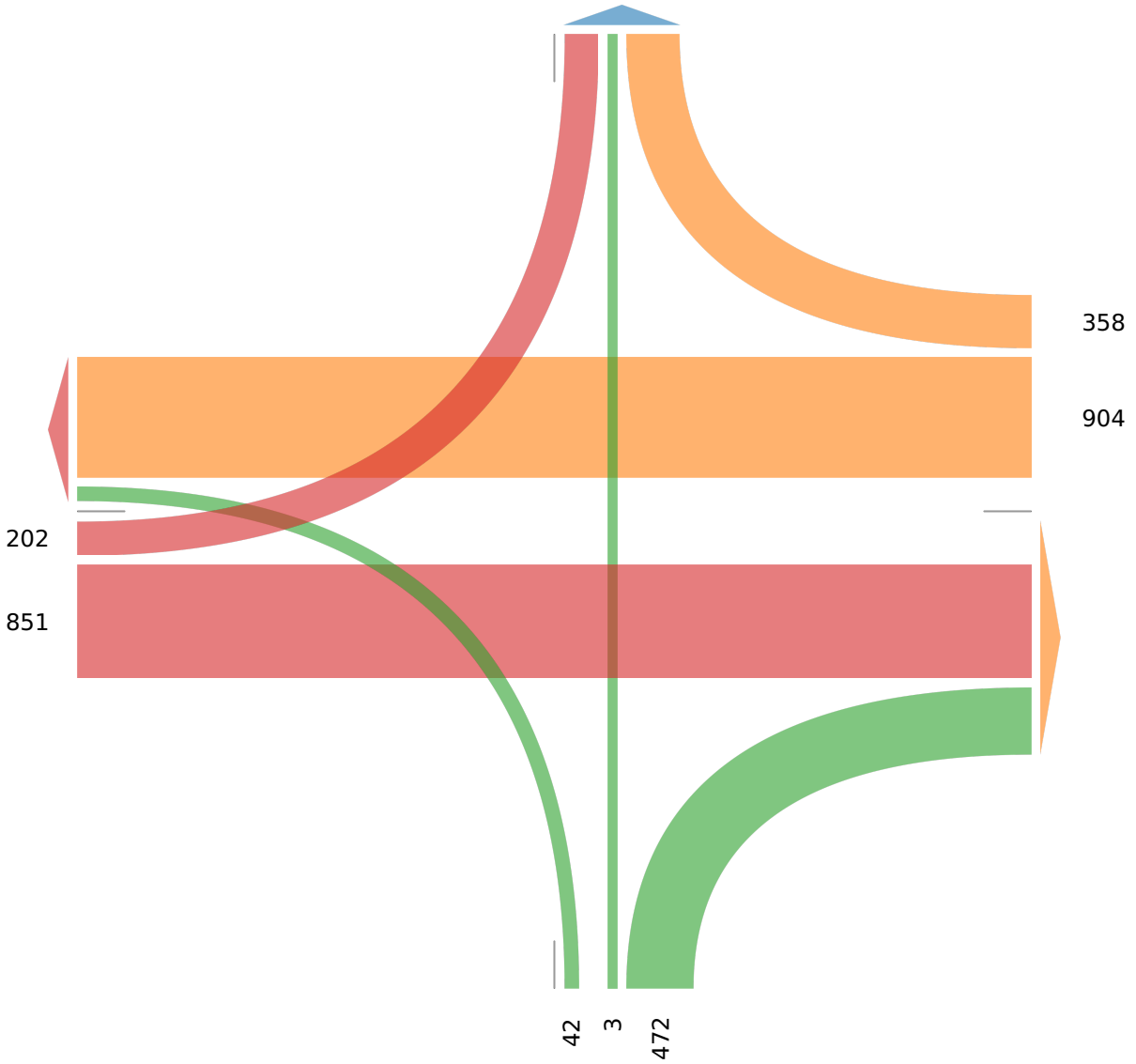
Provided by: Loukas Engineering
232 19th St. NW, Canton, OH, 44709, US

[N] I-90 EB On Ramp

Total: 563
In: 0 Out: 563

[W] SR 254 (Detroit Rd.)

Total: 1999
In: 1053 Out: 946



Out: 0 In: 517
Total: 517
[S] I-90 EB Off Ramp

SR 254 & I-90 EB Ramps - TMC

Sat May 21, 2022

Midday Peak (WKND) (May 21 2022 11:45AM - 12:45 PM)

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

All Movements

ID: 966406, Location: 41.424931, -82.081249



LOUKAS

engineering

TRAFFIC DATA & CONSULTING

Provided by: Loukas Engineering

232 19th St. NW, Canton, OH, 44709, US

Leg Direction	SR 254 (Detroit Rd.) Eastbound					SR 254 (Detroit Rd.) Westbound					I-90 EB Off Ramp Northbound					I-90 EB On Ramp Southbound		Int
	L	T	U	App	Ped*	T	R	U	App	Ped*	L	T	R	App	Ped*	App	Ped*	
2022-05-21 11:45AM	39	192	0	231	0	173	67	0	240	0	9	0	100	109	0	0	0	580
12:00PM	62	188	0	250	0	175	54	0	229	0	9	0	119	128	0	0	0	607
12:15PM	37	177	0	214	0	174	83	0	257	0	14	0	91	105	0	0	0	576
12:30PM	36	177	0	213	0	192	90	0	282	0	8	0	99	107	0	0	0	602
Total	174	734	0	908	0	714	294	0	1008	0	40	0	409	449	0	0	0	2365
% Approach	19.2%	80.8%	0%	-	-	70.8%	29.2%	0%	-	-	8.9%	0%	91.1%	-	-	-	-	-
% Total	7.4%	31.0%	0%	38.4%	-	30.2%	12.4%	0%	42.6%	-	1.7%	0%	17.3%	19.0%	-	0%	-	-
PHF	0.702	0.956	-	0.908	-	0.930	0.817	-	0.894	-	0.714	-	0.859	0.877	-	-	-	0.974
Lights	172	731	0	903	-	707	293	0	1000	-	39	0	402	441	-	0	-	2344
% Lights	98.9%	99.6%	0%	99.4%	-	99.0%	99.7%	0%	99.2%	-	97.5%	0%	98.3%	98.2%	-	-	-	99.1%
Articulated Trucks	0	0	0	0	-	1	0	0	1	-	0	0	2	2	-	0	-	3
% Articulated Trucks	0%	0%	0%	0%	-	0.1%	0%	0%	0.1%	-	0%	0%	0.5%	0.4%	-	-	-	0.1%
Buses and Single-Unit Trucks	2	3	0	5	-	6	1	0	7	-	1	0	5	6	-	0	-	18
% Buses and Single-Unit Trucks	1.1%	0.4%	0%	0.6%	-	0.8%	0.3%	0%	0.7%	-	2.5%	0%	1.2%	1.3%	-	-	-	0.8%
Pedestrians	-	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-	0
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

SR 254 & I-90 EB Ramps - TMC

Sat May 21, 2022

Midday Peak (WKND) (May 21 2022 11:45AM - 12:45 PM)

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

All Movements

ID: 966406, Location: 41.424931, -82.081249



LOUKAS

engineering

TRAFFIC DATA & CONSULTING

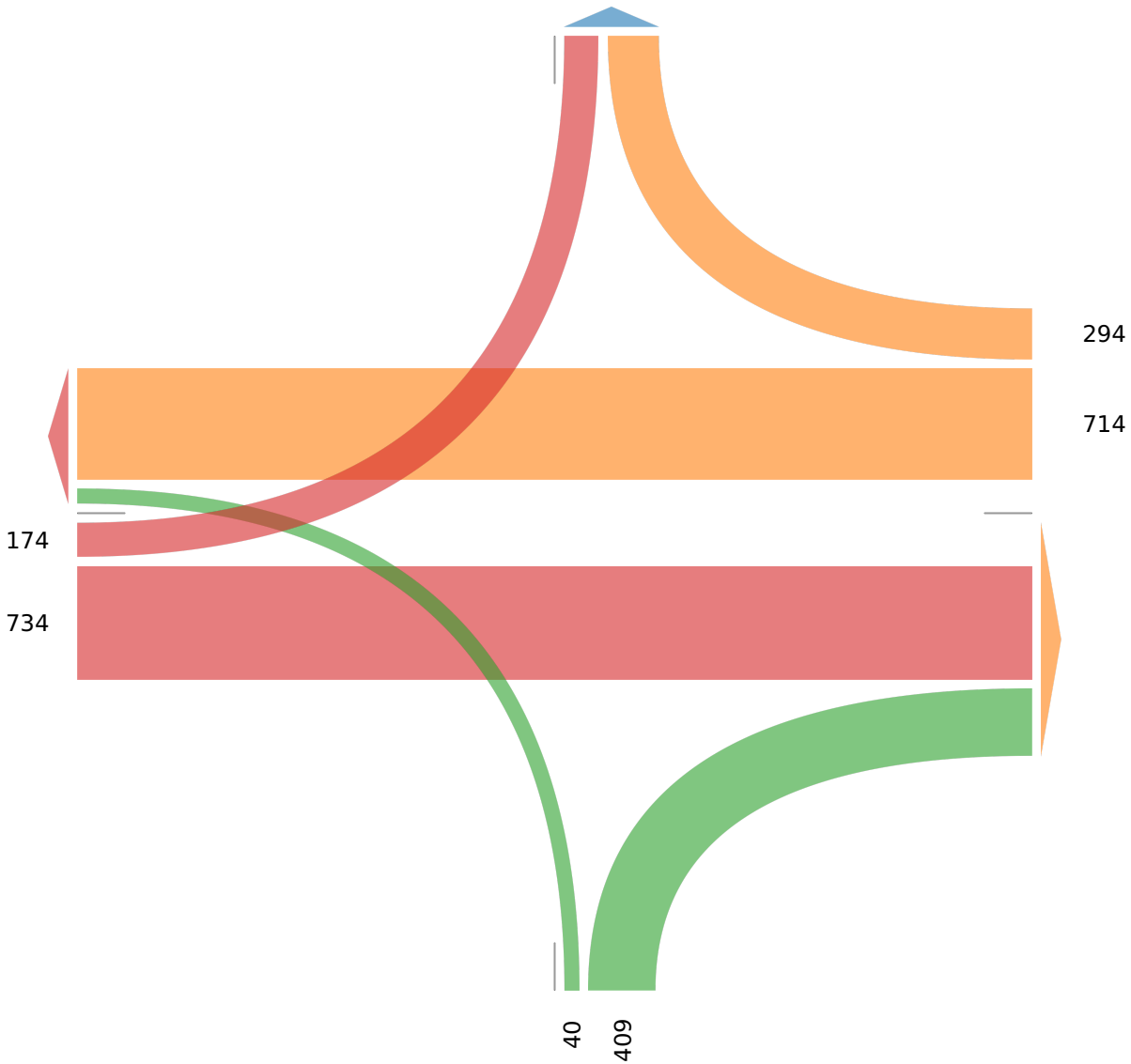
Provided by: Loukas Engineering
232 19th St. NW, Canton, OH, 44709, US

[N] I-90 EB On Ramp

Total: 468
In: 0 Out: 468

[W] SR 254 (Detroit Rd.)

Total: 1662
In: 908 Out: 754



Out: 0 In: 449
Total: 449
[S] I-90 EB Off Ramp

Out: 1143 In: 1008
Total: 2151
[E] SR 254 (Detroit Rd.)