

GRAM Traffic NTX Inc.  
 1120 W. Lovers Lane  
 Arlington, Texas, United States 76013  
 817.265.8968 john@gramntx.com

Count Name: 9 - FM 423 @ LONE STAR  
 RANCH PKWY  
 Site Code:  
 Start Date: 08/29/2018  
 Page No: 1

### Turning Movement Data

Start Time	FM 423 Southbound						LONE STAR RANCH PKWY Westbound						FM 423 Northbound						LONE STAR RANCH PKWY Eastbound						Int. Total	
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total		
	6:00 AM	0	455	0	0	0	455	10	0	0	0	0	10	0	128	10	0	0	0	138	0	0	0	0		0
6:15 AM	1	617	0	0	0	618	17	0	0	0	0	17	0	176	15	0	0	0	191	0	0	0	0	0	0	826
6:30 AM	0	696	0	0	0	696	29	0	3	0	0	32	0	232	25	0	0	0	257	0	0	0	0	0	0	985
6:45 AM	0	730	0	0	0	730	36	0	0	0	0	36	0	252	27	0	0	0	279	0	0	0	0	0	0	1045
Hourly Total	1	2498	0	0	0	2499	92	0	3	0	0	95	0	788	77	0	0	0	865	0	0	0	0	0	0	3459
7:00 AM	0	729	0	0	0	729	27	0	2	0	0	29	1	219	27	0	0	0	247	0	0	0	0	0	0	1005
7:15 AM	4	716	0	0	0	720	46	0	3	0	0	49	0	244	35	0	0	0	279	0	0	0	0	0	0	1048
7:30 AM	7	513	0	1	0	521	44	0	9	0	0	53	0	287	45	0	0	0	332	0	0	0	0	0	0	906
7:45 AM	4	488	0	0	0	492	63	0	7	0	0	70	0	296	25	0	0	0	321	0	0	0	0	0	0	883
Hourly Total	15	2446	0	1	0	2462	180	0	21	0	0	201	1	1046	132	0	0	0	1179	0	0	0	0	0	0	3842
8:00 AM	1	494	0	0	0	495	53	0	7	1	0	61	0	288	17	0	0	0	305	0	0	0	0	0	0	861
8:15 AM	2	540	0	1	0	543	62	0	4	0	0	66	0	256	27	0	0	0	283	0	0	0	0	0	0	892
8:30 AM	4	496	0	0	0	500	42	0	4	0	0	46	1	228	25	0	0	0	254	0	0	0	0	0	0	800
8:45 AM	6	360	0	0	0	366	36	0	2	0	0	38	0	271	19	0	0	0	290	0	0	0	0	0	0	694
Hourly Total	13	1890	0	1	0	1904	193	0	17	1	0	211	1	1043	88	0	0	0	1132	0	0	0	0	0	0	3247
9:00 AM	1	329	0	0	0	330	31	0	2	0	0	33	0	238	22	0	0	0	260	0	0	0	0	0	0	623
9:15 AM	0	387	0	0	0	387	27	0	1	0	0	28	1	256	27	0	0	0	284	0	0	0	0	0	0	699
9:30 AM	1	350	0	0	0	351	30	0	1	0	0	31	1	240	25	0	0	0	266	0	0	0	0	0	0	648
9:45 AM	0	299	0	0	0	299	26	0	2	0	0	28	0	239	17	0	0	0	256	0	0	1	0	0	1	584
Hourly Total	2	1365	0	0	0	1367	114	0	6	0	0	120	2	973	91	0	0	0	1066	0	0	1	0	0	1	2554
10:00 AM	0	248	0	0	0	248	20	0	3	0	0	23	1	203	23	0	0	0	227	0	0	0	0	0	0	498
10:15 AM	1	264	0	1	0	266	18	1	1	0	0	20	1	193	16	0	0	0	210	0	0	0	0	0	0	496
10:30 AM	0	278	1	0	0	279	13	0	3	0	0	16	0	175	14	0	0	0	189	0	0	0	0	0	0	484
10:45 AM	2	262	0	0	0	264	9	0	2	0	0	11	1	209	12	0	0	0	222	0	0	0	0	0	0	497
Hourly Total	3	1052	1	1	0	1057	60	1	9	0	0	70	3	780	65	0	0	0	848	0	0	0	0	0	0	1975
11:00 AM	1	241	1	0	0	243	19	0	4	0	0	23	0	214	16	0	0	0	230	0	0	0	0	0	0	496
11:15 AM	1	256	1	0	0	258	25	0	3	0	0	28	1	215	25	0	0	0	241	0	0	0	0	0	0	527
11:30 AM	0	253	0	0	0	253	17	0	3	0	0	20	0	217	23	0	0	0	240	1	0	2	0	0	3	516
11:45 AM	2	254	1	1	0	258	19	0	1	0	0	20	0	270	23	0	0	0	293	0	0	1	0	0	1	572
Hourly Total	4	1004	3	1	0	1012	80	0	11	0	0	91	1	916	87	0	0	0	1004	1	0	3	0	0	4	2111
12:00 PM	2	241	0	0	0	243	24	0	3	0	0	27	0	251	15	1	0	0	267	0	0	1	0	0	1	538
12:15 PM	1	253	1	0	0	255	13	0	6	0	0	19	2	292	24	0	0	0	318	2	0	1	0	0	3	595
12:30 PM	1	253	1	0	0	255	12	0	7	0	0	19	2	241	23	0	0	0	266	1	0	2	0	0	3	543
12:45 PM	3	263	0	0	0	266	21	0	1	0	0	22	0	264	28	0	0	0	292	0	0	0	0	0	0	580
Hourly Total	7	1010	2	0	0	1019	70	0	17	0	0	87	4	1048	90	1	0	0	1143	3	0	4	0	0	7	2256
1:00 PM	0	273	0	0	0	273	19	0	4	0	0	23	0	266	26	0	0	0	292	0	0	0	0	1	0	588
1:15 PM	0	239	0	0	0	239	21	0	6	0	0	27	0	278	15	0	0	0	293	0	0	0	0	0	0	559
1:30 PM	0	266	0	0	0	266	12	0	3	0	0	15	0	247	22	0	0	0	269	0	0	0	0	0	0	550
1:45 PM	3	251	2	0	0	256	22	0	2	0	0	24	0	274	25	0	0	0	299	0	0	0	0	0	0	579
Hourly Total	3	1029	2	0	0	1034	74	0	15	0	0	89	0	1065	88	0	0	0	1153	0	0	0	0	1	0	2276

2:00 PM	0	272	1	0	0	273	25	0	2	0	0	27	0	289	23	1	0	313	0	0	2	0	1	2	615
2:15 PM	2	228	0	0	0	230	17	0	4	0	0	21	0	282	24	0	0	306	0	0	0	0	0	0	557
2:30 PM	2	267	0	0	0	269	20	0	2	0	0	22	0	329	26	0	0	355	0	0	0	0	0	0	646
2:45 PM	4	232	1	1	0	238	24	1	2	0	0	27	1	361	30	0	0	392	0	0	0	0	0	0	657
Hourly Total	8	999	2	1	0	1010	86	1	10	0	0	97	1	1261	103	1	0	1366	0	0	2	0	1	2	2475
3:00 PM	1	217	0	0	0	218	21	0	11	0	0	32	1	342	26	0	0	369	2	0	0	0	0	2	621
3:15 PM	1	268	0	0	0	269	16	0	1	0	0	17	0	410	19	0	0	429	0	0	0	0	0	0	715
3:30 PM	1	263	0	0	0	264	20	0	7	0	0	27	2	408	27	0	0	437	2	0	0	0	0	2	730
3:45 PM	1	236	0	0	0	237	36	0	6	0	0	42	0	405	22	0	0	427	0	0	0	0	0	0	706
Hourly Total	4	984	0	0	0	988	93	0	25	0	0	118	3	1565	94	0	0	1662	4	0	0	0	0	4	2772
4:00 PM	1	330	2	0	0	333	26	0	7	0	0	33	2	435	33	0	0	470	0	0	2	0	0	2	838
4:15 PM	5	324	0	0	0	329	23	1	6	0	0	30	1	542	28	0	0	571	1	0	0	0	0	1	931
4:30 PM	2	264	0	0	0	266	33	0	12	0	0	45	2	624	44	1	0	671	1	0	1	0	0	2	984
4:45 PM	1	351	3	0	0	355	29	1	5	0	0	35	2	581	50	0	0	633	0	0	1	0	0	1	1024
Hourly Total	9	1269	5	0	0	1283	111	2	30	0	0	143	7	2182	155	1	0	2345	2	0	4	0	0	6	3777
5:00 PM	1	337	5	1	0	344	31	1	3	0	0	35	4	616	52	0	0	672	2	0	2	0	0	4	1055
5:15 PM	1	370	4	0	0	375	29	3	9	0	0	41	5	716	53	1	0	775	3	1	0	0	0	4	1195
5:30 PM	6	373	4	1	0	384	41	6	7	0	0	54	9	599	54	0	0	662	2	2	3	0	0	7	1107
5:45 PM	4	316	16	0	0	336	43	7	9	0	0	59	12	749	74	0	0	835	3	3	0	0	0	6	1236
Hourly Total	12	1396	29	2	0	1439	144	17	28	0	0	189	30	2680	233	1	0	2944	10	6	5	0	0	21	4593
Grand Total	81	16942	44	7	0	17074	1297	21	192	1	0	1511	53	15347	1303	4	0	16707	20	6	19	0	2	45	35337
Approach %	0.5	99.2	0.3	0.0	-	-	85.8	1.4	12.7	0.1	-	-	0.3	91.9	7.8	0.0	-	-	44.4	13.3	42.2	0.0	-	-	-
Total %	0.2	47.9	0.1	0.0	-	48.3	3.7	0.1	0.5	0.0	-	4.3	0.1	43.4	3.7	0.0	-	47.3	0.1	0.0	0.1	0.0	-	0.1	-
Lights	79	16497	42	7	-	16625	1282	21	191	1	-	1495	51	14886	1274	3	-	16214	19	6	15	0	-	40	34374
% Lights	97.5	97.4	95.5	100.0	-	97.4	98.8	100.0	99.5	100.0	-	98.9	96.2	97.0	97.8	75.0	-	97.0	95.0	100.0	78.9	-	-	88.9	97.3
Mediums	2	299	2	0	-	303	14	0	1	0	-	15	2	314	23	0	-	339	1	0	4	0	-	5	662
% Mediums	2.5	1.8	4.5	0.0	-	1.8	1.1	0.0	0.5	0.0	-	1.0	3.8	2.0	1.8	0.0	-	2.0	5.0	0.0	21.1	-	-	11.1	1.9
Articulated Trucks	0	146	0	0	-	146	1	0	0	0	-	1	0	147	6	1	-	154	0	0	0	0	-	0	301
% Articulated Trucks	0.0	0.9	0.0	0.0	-	0.9	0.1	0.0	0.0	0.0	-	0.1	0.0	1.0	0.5	25.0	-	0.9	0.0	0.0	0.0	-	-	0.0	0.9
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	2	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-
Pedestrians	-	-	-	-	0	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-	-







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### Turning Movement Peak Hour Data (5:00 PM)

Start Time	FM 423 Southbound						LONE STAR RANCH PKWY Westbound						FM 423 Northbound						LONE STAR RANCH PKWY Eastbound						Int. Total
	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	Left	Thru	Right	U-Turn	Peds	App. Total	
5:00 PM	1	337	5	1	0	344	31	1	3	0	0	35	4	616	52	0	0	672	2	0	2	0	0	4	1055
5:15 PM	1	370	4	0	0	375	29	3	9	0	0	41	5	716	53	1	0	775	3	1	0	0	0	4	1195
5:30 PM	6	373	4	1	0	384	41	6	7	0	0	54	9	599	54	0	0	662	2	2	3	0	0	7	1107
5:45 PM	4	316	16	0	0	336	43	7	9	0	0	59	12	749	74	0	0	835	3	3	0	0	0	6	1236
Total	12	1396	29	2	0	1439	144	17	28	0	0	189	30	2680	233	1	0	2944	10	6	5	0	0	21	4593
Approach %	0.8	97.0	2.0	0.1	-	-	76.2	9.0	14.8	0.0	-	-	1.0	91.0	7.9	0.0	-	-	47.6	28.6	23.8	0.0	-	-	-
Total %	0.3	30.4	0.6	0.0	-	31.3	3.1	0.4	0.6	0.0	-	4.1	0.7	58.3	5.1	0.0	-	64.1	0.2	0.1	0.1	0.0	-	0.5	-
PHF	0.500	0.936	0.453	0.500	-	0.937	0.837	0.607	0.778	0.000	-	0.801	0.625	0.895	0.787	0.250	-	0.881	0.833	0.500	0.417	0.000	-	0.750	0.929
Lights	12	1370	29	2	-	1413	143	17	27	0	-	187	30	2670	233	1	-	2934	10	6	5	0	-	21	4555
% Lights	100.0	98.1	100.0	100.0	-	98.2	99.3	100.0	96.4	-	-	98.9	100.0	99.6	100.0	100.0	-	99.7	100.0	100.0	100.0	-	-	100.0	99.2
Mediums	0	24	0	0	-	24	1	0	1	0	-	2	0	8	0	0	-	8	0	0	0	0	-	0	34
% Mediums	0.0	1.7	0.0	0.0	-	1.7	0.7	0.0	3.6	-	-	1.1	0.0	0.3	0.0	0.0	-	0.3	0.0	0.0	0.0	-	-	0.0	0.7
Articulated Trucks	0	2	0	0	-	2	0	0	0	0	-	0	0	2	0	0	-	2	0	0	0	0	-	0	4
% Articulated Trucks	0.0	0.1	0.0	0.0	-	0.1	0.0	0.0	0.0	-	-	0.0	0.0	0.1	0.0	0.0	-	0.1	0.0	0.0	0.0	-	-	0.0	0.1
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pedestrians	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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