



ARIZONA
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July 8, 2020

Mr. Stanton Foerster, P.E.
Public Works Director
City Engineer
City of Lucas
665 Country Club Road
Lucas, Texas 75002



Re: *W. Estelle Lane Traffic Study, Lucas, Texas*

Dear Mr. Foerster:

Lee Engineering has completed a study of the existing conditions along W. Estelle Lane between Country Club Road and Winningkoff Road in Lucas, Texas. The study includes documentation of existing traffic volumes, speeds, field observations, and roadway network.

Executive Summary

The primary purpose of this study was to observe traffic volumes and speeds on W. Estelle Lane, Forestview Drive, and Winningkoff Road to identify if any speeding or cut-through problems are present. The study was undertaken with existing 24-hour turning movement volumes and speed data collected on Tuesday, March 3, 2020. *It should be noted that all traffic data was collected in early March prior to school closures and shelter-in-place orders which occurred in late March.*

Based on the data collected and field observations, Lee Engineering makes the following conclusions:

- Operating speeds on W. Estelle Lane and Forestview Drive were generally consistent with the posted 30 mph speed limit. The 85th percentile speed on W. Estelle Lane was 33 mph. Approximately 95% of vehicles were traveling 35 mph or lower in both directions.
- Peak hour traffic volumes on W. Estelle Lane, Forestview Drive, and Winningkoff Road were relatively low. On W. Estelle Lane, total volume averaged approximately three (3) vehicles per minute during both the AM and PM peak hours.
- Based on the thoroughfare plan, there are three other east-west roadways connecting Winningkoff Road/Orr Road and Country Club Road classified as a Type B or Type C roadway. W. Estelle Lane and Forestview Drive are shown as local roadways on the thoroughfare plan.
- Relatively few crashes occurred within the study area within the previous five years. It should be noted that, of the crashes which occurred at W. Estelle Lane and Country Club Road, only one involved a vehicle on W. Estelle Lane.
- Based on the data collected, field observations, and study presented above, Lee Engineering does not recommend any changes for the study area at this time. Additionally, based on the low traffic volume data observed, cut-through traffic does not appear to be a problem and an O-D study is not necessary at this time. If an O-D study is desired in the future, it should be undertaken after schools are back in session.

Background Information

The City of Lucas has received complaints regarding cut-through traffic and speeding along W. Estelle Lane between Country Club Road and Winningkoff Road. An aerial view of the study area is shown in **Figure 1**.

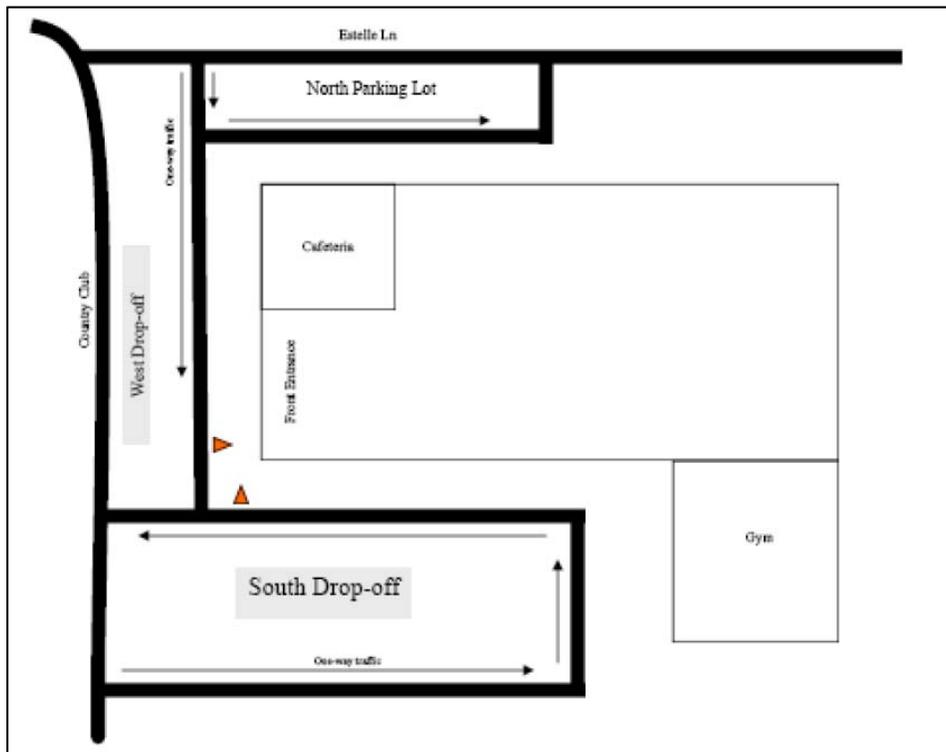
Figure 1: Vicinity Map of Study Area



W. Estelle Lane is a two-lane undivided roadway with a posted speed limit of 30 miles per hour (mph). W. Estelle Lane runs from Country Club Road eastward for approximately 4,600 feet to Gold Dust Trail, where it turns to the south and eventually returns northward to intersect Forestview Drive. Forestview Drive and Gold Dust Trail are also two-lane undivided roadways with a speed limit of 30 miles per hour.

Forestview Drive, Gold Dust Trail, and Estelle Lane east of God Dust Trail all have houses fronting along them. W. Estelle Lane west of Gold Dust Trail has minimal residential driveways along it. Hart Elementary School is located on the southeast corner of the intersection of W. Estelle Lane and Country Club Road. There is also a 20-mph reduced speed school zone along W. Estelle Lane for approximately 1,000 feet east of Country Club Road. It appears that driveways on W. Estelle Lane and on Country Club Road are both utilized for pick-up/drop-off procedures, as shown in **Figure 2** for reference.

Figure 2: Hart Elementary Circulation Plan



Source: Lovejoy ISD, <https://1.cdn.edl.io/zjNgoDTqf1mXx3T093LsGZVdqeRb6BPubIYzQbjzkeCfqUaB.pdf>

Country Club Road is a two-lane undivided north-south roadway with a posted speed limit of 50 mph. There is also a 35-mph school speed limit on Country Club Road adjacent to the elementary school. Finally, Winningkoff Road is a two-lane undivided north-south roadway with a posted speed limit of 35 mph.

The intersection of W. Estelle Lane at Country Club Road is stop-controlled on the westbound (W. Estelle Lane) approach. The intersection of Estelle Lane at Forestview Drive is multiway stop-controlled, with stop signs on all three approaches. Similarly, the intersections of Forestview Drive with Winningkoff Road, Forestview Drive with Gold Dust Trail, and W. Estelle Lane with Gold Dust Trail also operate with multiway stop control. The existing lane configurations and traffic control in the study area are shown in **Figure 3**.

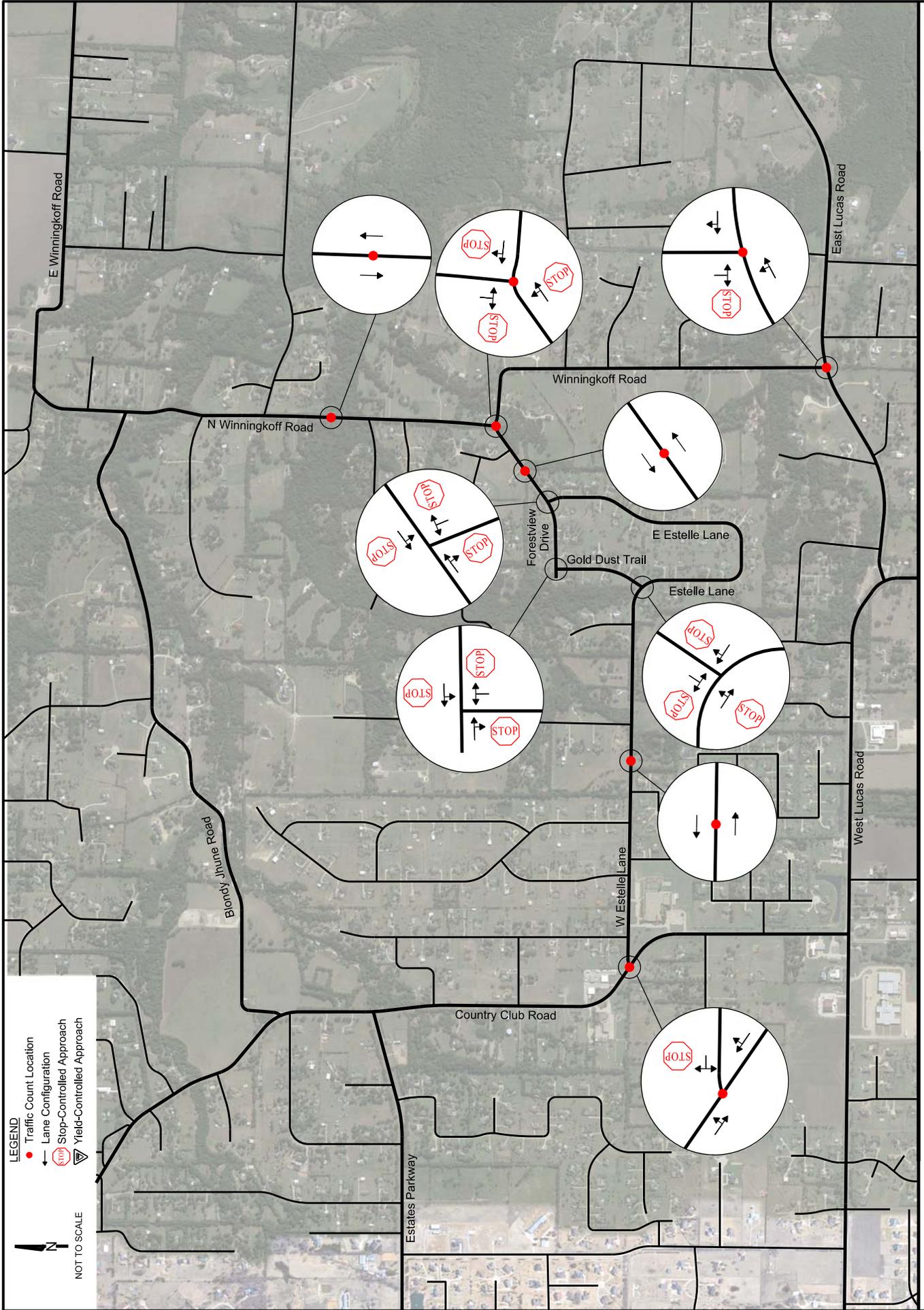


Figure 3

Existing Intersection Lane Configuration

Traffic Volumes and Speed Data

Existing 24-hour turning movement volumes were collected on Tuesday, March 3, 2020, at the following intersections within the study area:

- W. Estelle Lane at Country Club Road;
- Forestview Drive at Winningkoff Road; and
- Winningkoff Road at E. Lucas Road.

Similarly, existing daily traffic volumes and speeds were collected on Tuesday, March 3, 2020, at the following locations within the study area:

- W. Estelle Lane between Country Club Road and Gold Dust Trail;
- Forestview Drive between E. Estelle Lane and Winningkoff Road; and
- Winningkoff Road north of Forestview Drive.

It should be noted that all this traffic data was collected in early March prior to school closures and shelter-in-place orders which occurred in late March.

The existing AM peak hour and PM peak hour volumes for study locations are shown in **Figure 4**. The total daily volume for each study locations is shown in **Figure 5**.

The 85th percentile speeds and the average speeds for each location are shown in **Figure 6** and **Figure 7**, respectively. The 85th percentile speed is the speed at or below which 85 percent of drivers are traveling and is often used as a traffic engineering measure.

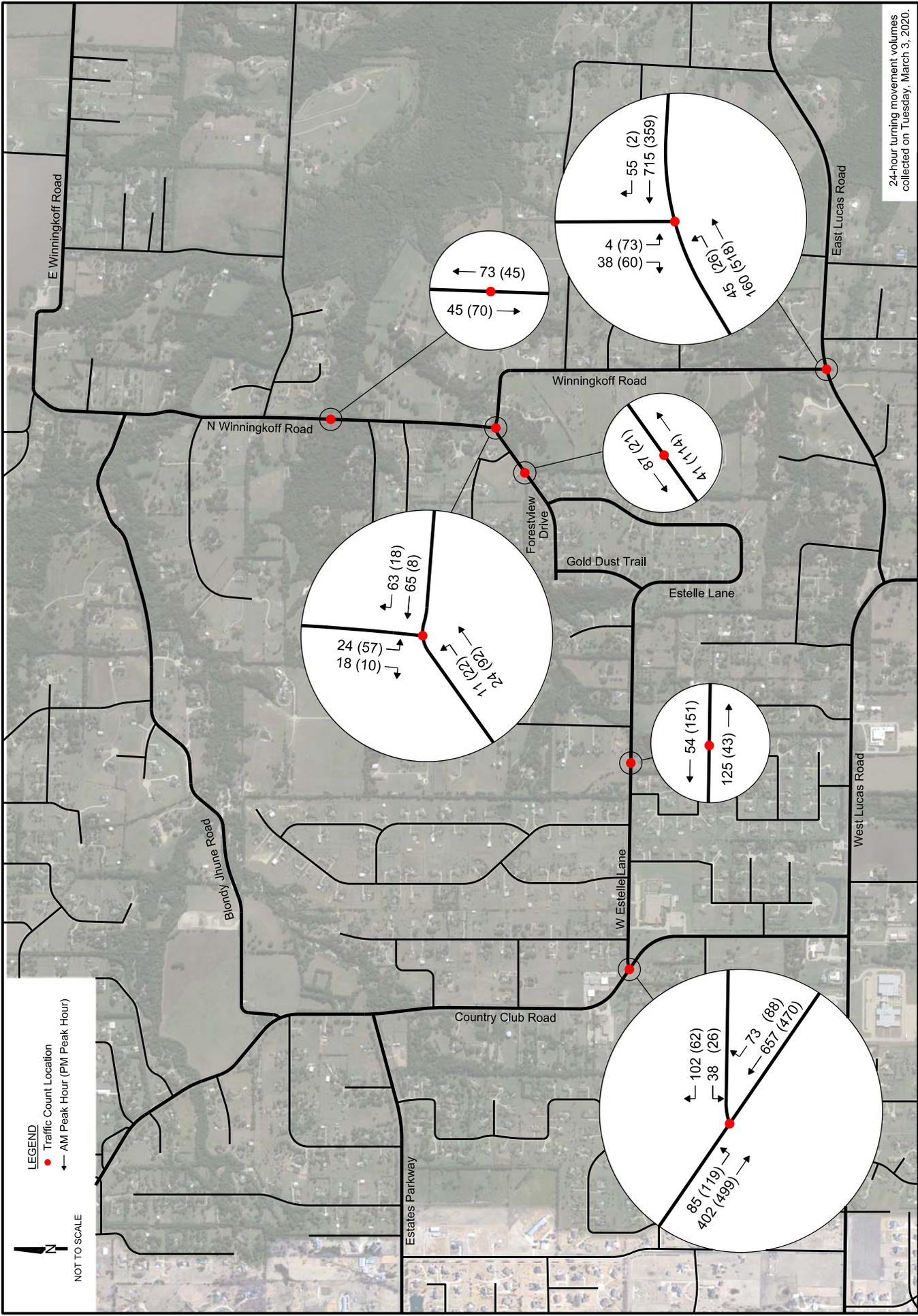


Figure 4

Existing (2020) Peak Hour Traffic Volumes

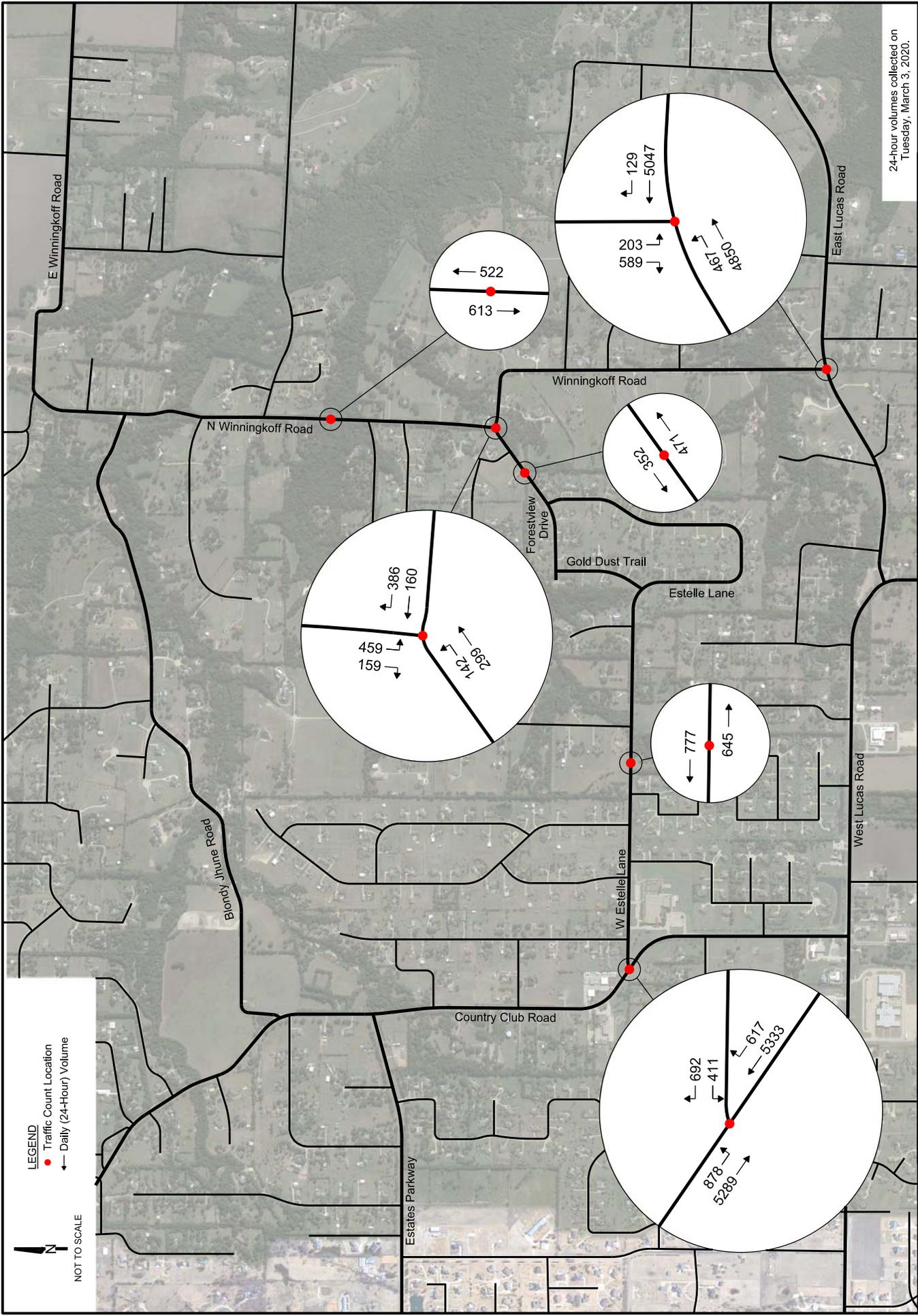


Figure 5

Existing (2020) Daily Traffic Volumes

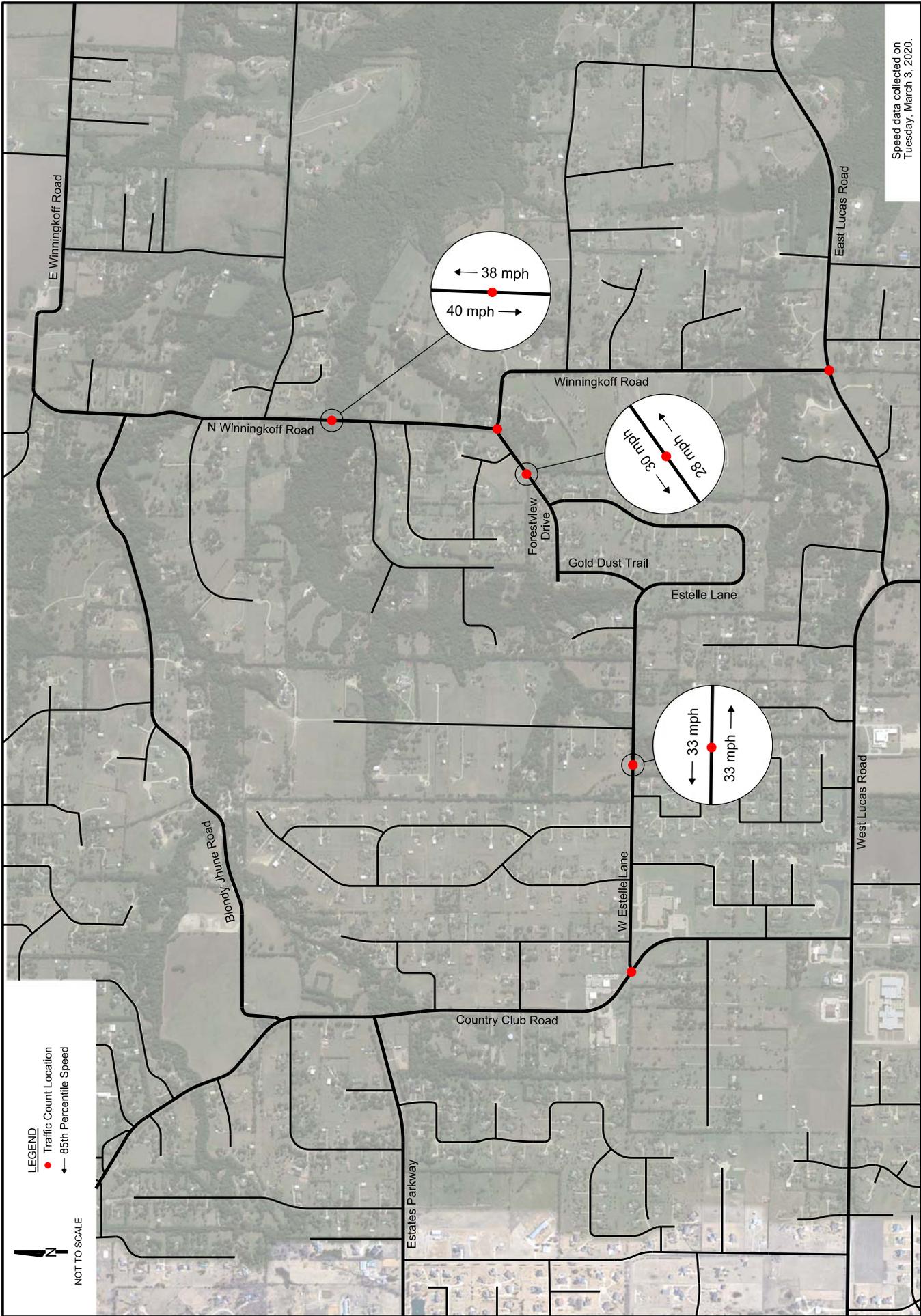


Figure 6

Existing (2020) 85th Percentile Speeds

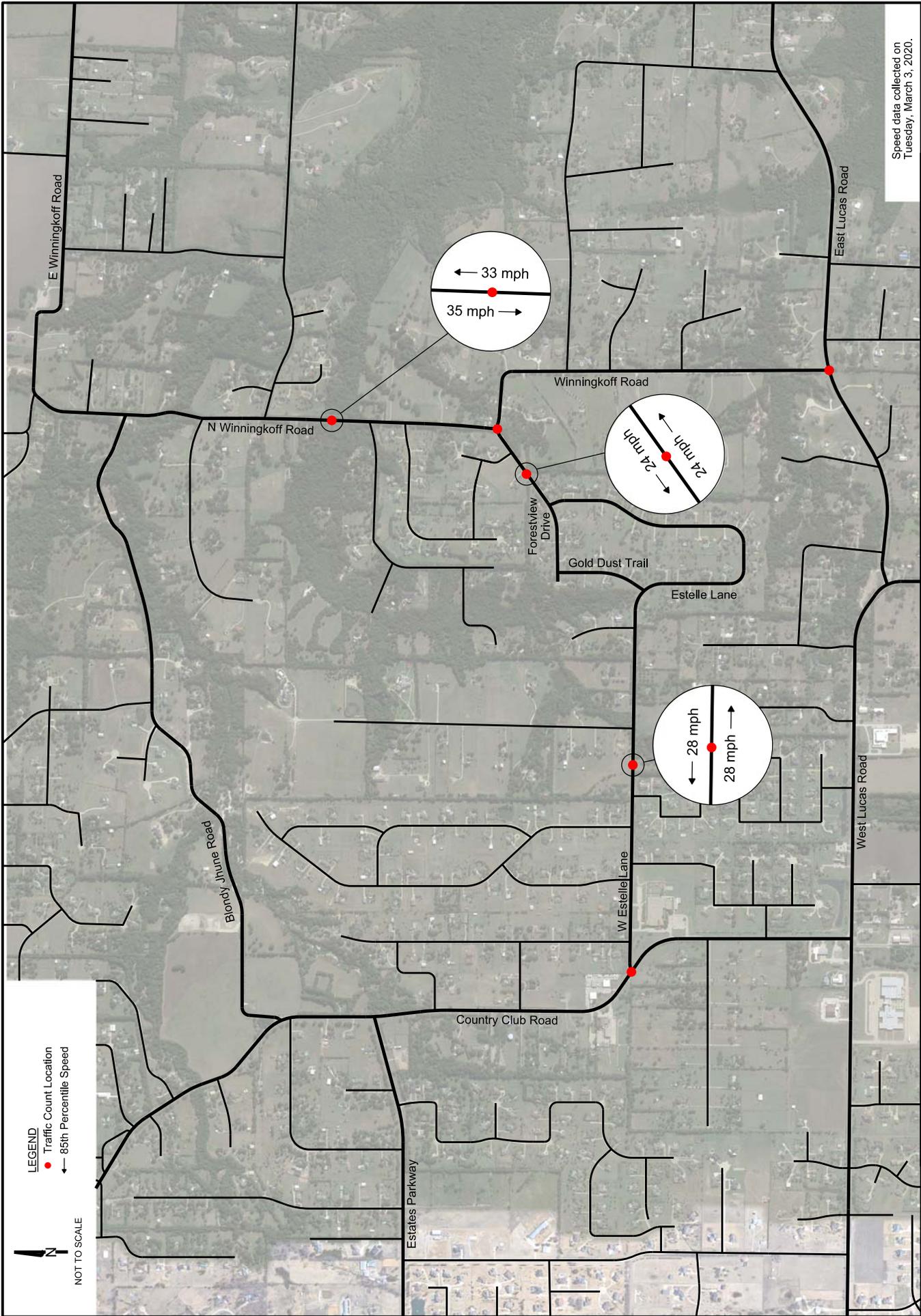
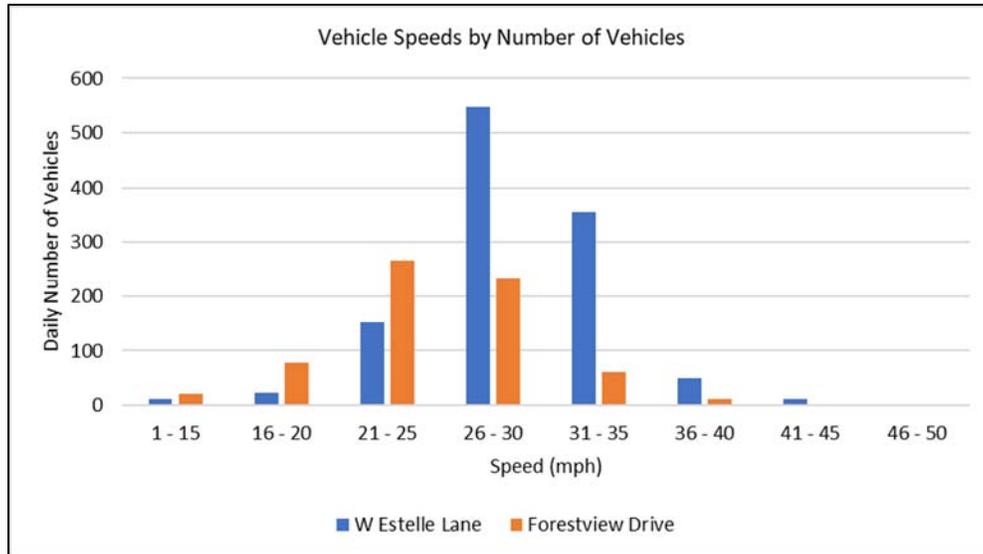


Figure 7

Existing (2020) Average (50th Percentile) Speeds

Finally, a graph was developed for speed data on W. Estelle Lane and on Forestview Drive, as speeds on those roads appears to be the primary area of concern. Speed data was classified into eight speed bins. **Figure 8** shows the number of free-flowing vehicles (greater than a four-second headway between vehicles) for each location.

Figure 8: Daily Vehicles by Speed



As shown, most vehicles on Forestview Drive are traveling at or below a speed of 30 mph. Both the average and 85th percentile speed on W. Estelle Lane was approximately 4 mph higher than on Forestview Drive, likely due to the multiple stop signs along Forestview Drive. However, approximately 95% of vehicles observed in the 24-hour period were traveling 35 mph or less on W. Estelle Lane.

Raw volume data and speed data is included as an attachment to this letter for reference.

Planned Construction

LEE also identified any recent or planned construction within the study area. Based on this review, there do not appear to be any planned capacity improvements in the near future. The following projects were identified:

- Country Club Road – currently under construction for addition of shoulders, drainage improvements, and repaving. Construction is anticipated to end in July 2020.
- Winningkoff Road – construction planned for June to November 2020, to include pavement and drainage improvements from Snider Lane to Forestview Drive.
- Future improvements to the intersection of W. Lucas Road/E. Lucas Road and Southview Drive, which is currently under study by TxDOT.
- Widening of W. Lucas Road from Country Club Road to Southview Drive within 10 or more years.

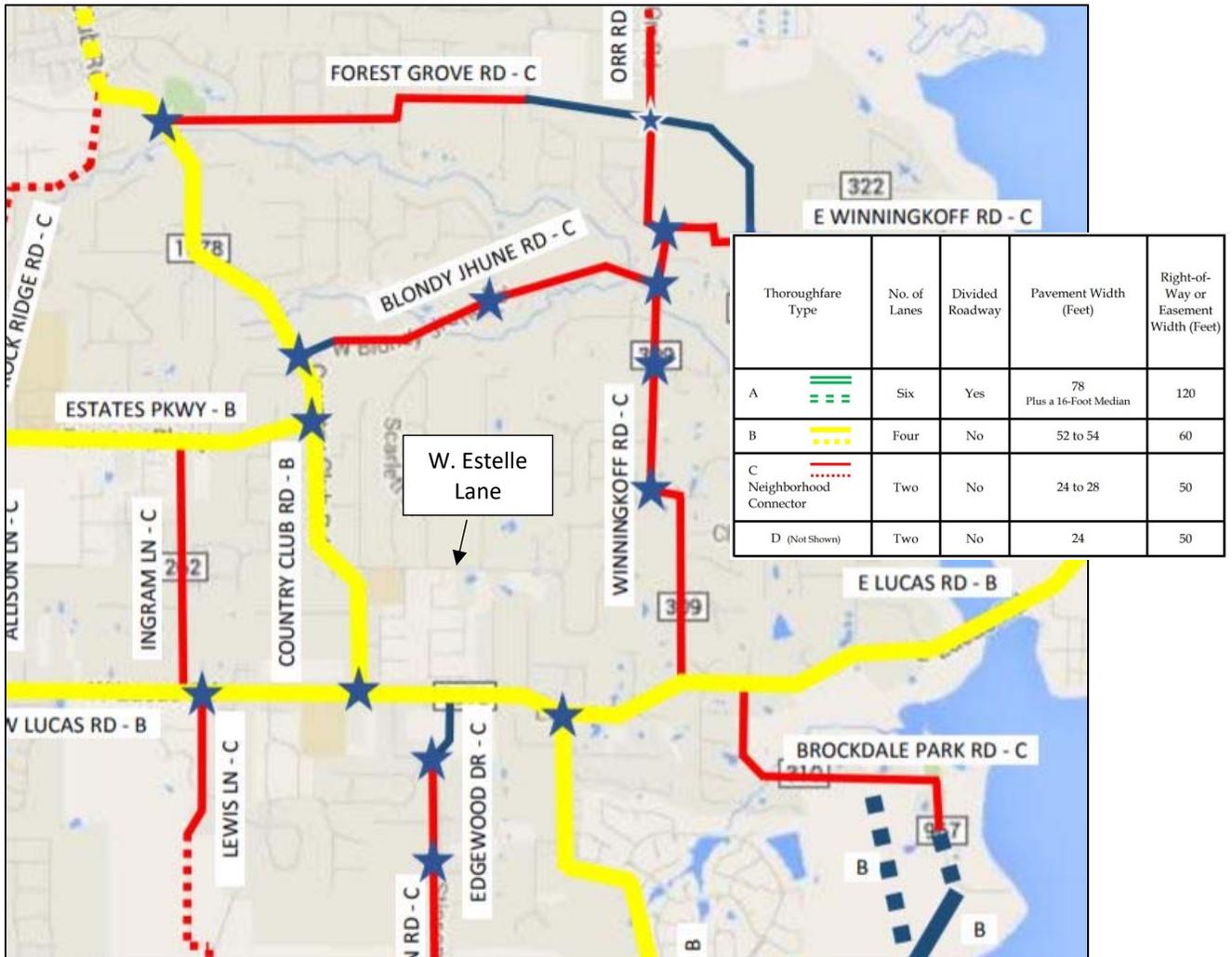
Thoroughfare Plan

As part of this study, LEE reviewed the City of Lucas *Master Thoroughfare Plan* (dated March 2017) to identify major roadways and connectivity in the study area. A clip of the study area on the thoroughfare plan map is shown in **Figure 9**. As shown, Country Club Road is a Type B Thoroughfare and Winningkoff Road is a Type C Neighborhood Connector. W. Estelle Lane and Forestview Drive are shown as local roadways on the

thoroughfare plan. However, there are three other east-west roadways on the thoroughfare plan connecting Winninkoff Road/Orr Road and Country Club Road:

- E. Lucas Road (Type B Thoroughfare);
- Blondy Jhune Road (Type C Neighborhood Connector); and
- Forest Grove Road (Type C Neighborhood Connector).

Figure 9: City of Lucas Master Thoroughfare Plan Clip



Source: City of Lavon 2017 Comprehensive Plan, <https://storage.googleapis.com/proudcity/lucastx/uploads/2017/04/Final-Version-Comp-Plan-4.pdf>

Crash Data

Crash data was obtained from the Texas Department of Transportation Crash Record Information System for 2015 to present. A summary of the crashes which occurred at the intersection of W. Estelle Lane and Country Club Road is shown below in **Table 1**. The crash which occurred at the intersection of Forestview Drive and Winninkoff Road is shown in **Table 2**. Finally, one additional crash was identified within the study area, which occurred on E. Estelle Lane and is summarized in **Table 3**.

Table 1: TxDOT Crash History (2015-2020) at W. Estelle Lane and Country Club Road

Crash ID	Crash Year	Day	Time	Crash Description	Crash Type	Contributing Factors	Light Condition	Weather	Pavement Condition	Crash Severity
14340405	2015	THURS	1:19 PM	SOUTH - SOUTH - SAME DIRECTION - ONE STRAIGHT-ONE STOPPED	REAR END	SLOWING/STOPPING-TO MAKE LEFT TURN; DRIVER INATTENTION	DAYLIGHT	CLOUDY	DRY	C - POSSIBLE INJURY
14543500	2015	FRI	5:46 PM	SOUTH - SOUTH - SAME DIRECTION - ONE STRAIGHT-ONE STOPPED	REAR END	SLOWING/STOPPING-FOR TRAFFIC; DRIVER INATTENTION	DAYLIGHT	CLEAR	DRY	N - NOT INJURED
15459897	2016	MON	7:40 AM	NORTH - - ONE MOTOR VEHICLE - GOING STRAIGHT	FIXED OBJECT	FAILED TO CONTROL SPEED	DAYLIGHT	RAIN	WET	C - POSSIBLE INJURY
15531609	2017	MON	4:32 PM	SOUTH - SOUTH - SAME DIRECTION - ONE STRAIGHT-ONE STOPPED	REAR END	SLOWING/STOPPING-TO MAKE LEFT TURN; DRIVER INATTENTION	DAYLIGHT	CLEAR	DRY	N - NOT INJURED
15652276	2017	TUES	7:41 PM	WEST - NORTH - ANGLE - ONE STRAIGHT-ONE LEFT TURN	RIGHT ANGLE	FAILED TO YIELD RIGHT OF WAY - TURNING LEFT; ATTENTION DIVERTED FROM DRIVING	DAYLIGHT	CLEAR	DRY	N - NOT INJURED
15764318	2017	WED	7:54 AM	NORTH - - ONE MOTOR VEHICLE - GOING STRAIGHT	FIXED OBJECT	LOST CONTROL OR SKIDDED (ICY OR SLICK ROAD, ETC.)	DAYLIGHT	CLOUDY	WET	N - NOT INJURED
16206851	2018	SAT	10:06 AM	NORTH - - ONE MOTOR VEHICLE - GOING STRAIGHT	FIXED OBJECT	ATTENTION DIVERTED FROM DRIVING; FAILED TO CONTROL SPEED	DAYLIGHT	CLOUDY	WET	99 - UNKNOWN
16226654	2018	THURS	8:08 AM	SOUTH - SOUTH - SAME DIRECTION - BOTH GOING STRAIGHT-REAR END	REAR END	SLOWING/STOPPING-FOR TRAFFIC; DRIVER INATTENTION	DAYLIGHT	CLEAR	DRY	N - NOT INJURED
16575830	2018	MON	6:13 PM	NORTH - - ONE MOTOR VEHICLE - GOING STRAIGHT	FIXED OBJECT	ATTENTION DIVERTED FROM DRIVING; FAILED TO CONTROL SPEED	DAYLIGHT	CLOUDY	WET	N - NOT INJURED
16624553	2018	SAT	4:38 PM	SOUTH - NORTH - OPPOSITE DIRECTION - BOTH GOING STRAIGHT	HEAD ON	ATTENTION DIVERTED FROM DRIVING; FAILED TO CONTROL SPEED	DAYLIGHT	RAIN	WET	N - NOT INJURED

Table 2: TxDOT Crash History (2015-2020) at Forestview Drive and Winningkoff Road

Crash ID	Crash Year	Day	Time	Crash Description	Crash Type	Contributing Factors	Light Condition	Weather	Pavement Condition	Crash Severity
15053173	2016	SUN	7:19 AM	SOUTH - - ONE MOTOR VEHICLE - GOING STRAIGHT	FIXED OBJECT	FAILED TO CONTROL SPEED	DAYLIGHT	CLEAR	DRY	C - POSSIBLE INJURY

Table 3: TxDOT Crash History (2015-2020) on E. Estelle Lane South of Forestview Drive

Crash ID	Crash Year	Day	Time	Crash Description	Crash Type	Contributing Factors	Light Condition	Weather	Pavement Condition	Crash Severity
17106858	2019	MON	5:45 PM	SOUTH - - ONE MOTOR VEHICLE - GOING STRAIGHT	UNKNOWN	PERSON FELL OR JUMPED FROM VEHICLE	DAYLIGHT	CLEAR	DRY	A - SUSPECTED SERIOUS INJURY

Conclusions

Based on the data collected and field observations, Lee Engineering makes the following conclusions. The conclusions are numbered for reference only and do not imply any ranking.

1. Operating speeds on W. Estelle Lane and Forestview Drive were generally consistent with the posted 30 mph speed limit. The 85th percentile speed on W. Estelle Lane was 33 mph. Approximately 95% of vehicles were traveling 35 mph or lower in both directions.
2. Peak hour traffic volumes on W. Estelle Lane, Forestview Drive, and Winningkoff Road were relatively low. On W. Estelle Lane, total volume averaged approximately three (3) vehicles per minute during both the AM and PM peak hours.
3. Based on the thoroughfare plan, there are three other east-west roadways connecting Winningkoff Road/Orr Road and Country Club Road classified as a Type B or Type C roadway. W. Estelle Lane and Forestview Drive are shown as local roadways on the thoroughfare plan.
4. Relatively few crashes occurred within the study area within the previous five years. It should be noted that, of the crashes which occurred at W. Estelle Lane and Country Club Road, only one involved a vehicle on W. Estelle Lane.

Recommendations

Based on the data collected, field observations, and study presented above, Lee Engineering does not recommend any changes for the study area at this time. Additionally, based on the low traffic volume data observed, cut-through traffic does not appear to be a problem and an O-D study is not necessary at this time. If an O-D study is desired in the future, it should be undertaken after schools are back in session.

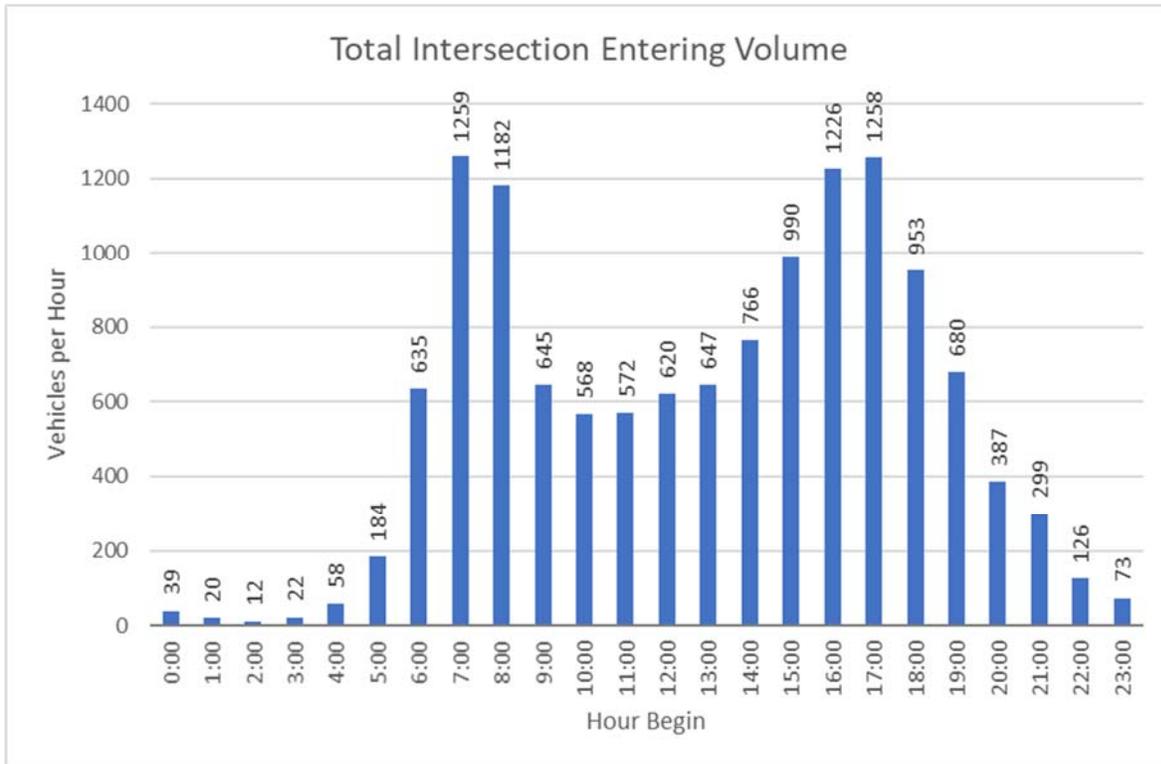
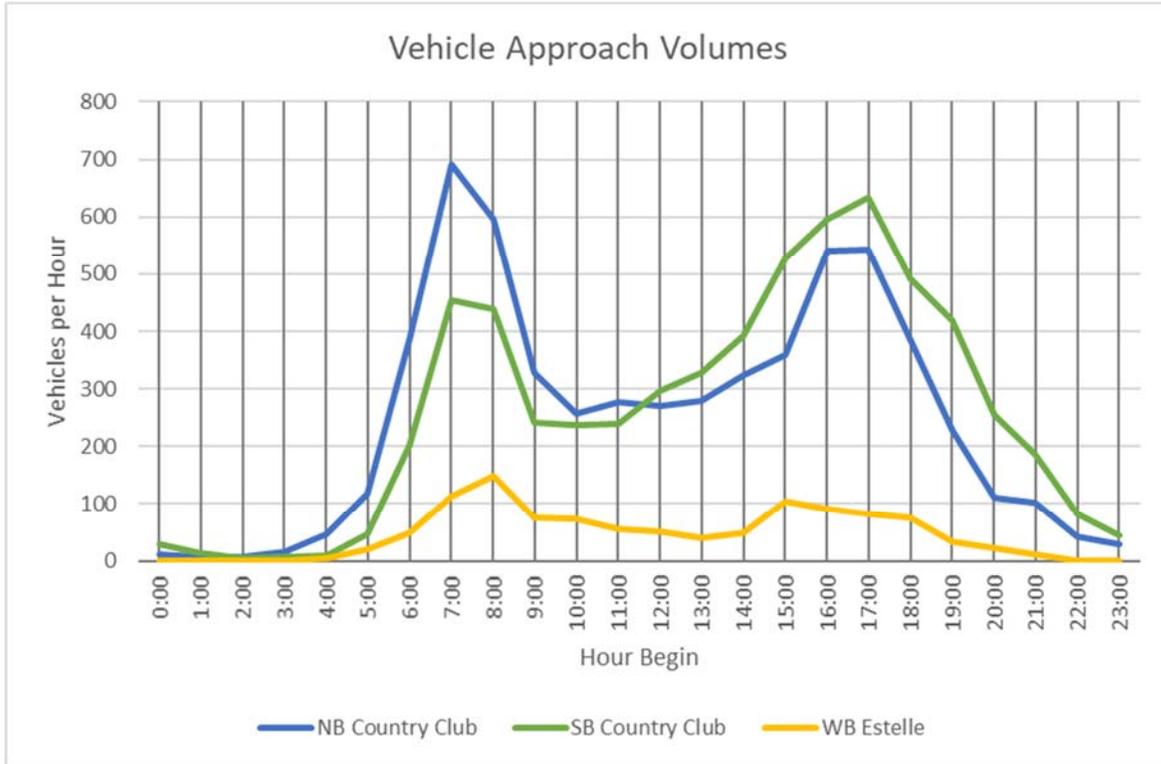
If you have any questions regarding this study, please contact me at (972) 248-3006. We appreciate the opportunity to provide these services.

Sincerely,

Dharmesh Shah, P.E., PTOE
Vice President
Lee Engineering, LLC
TBPE Firm F-450

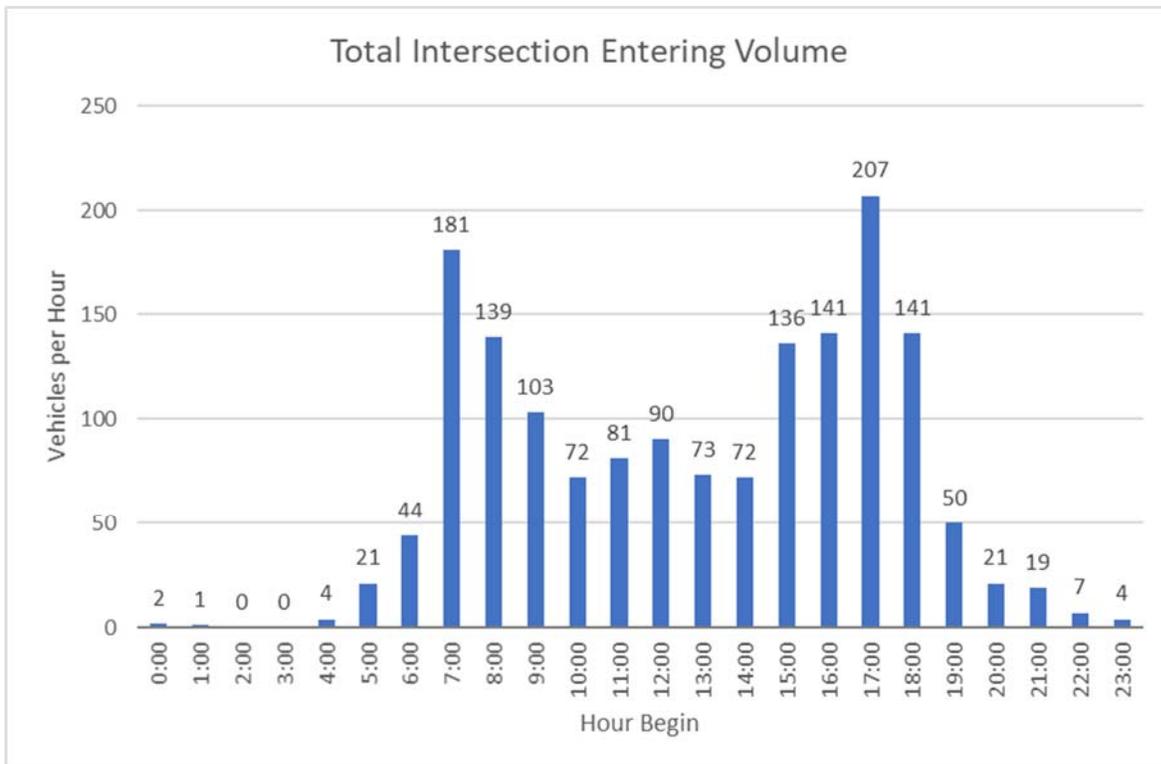
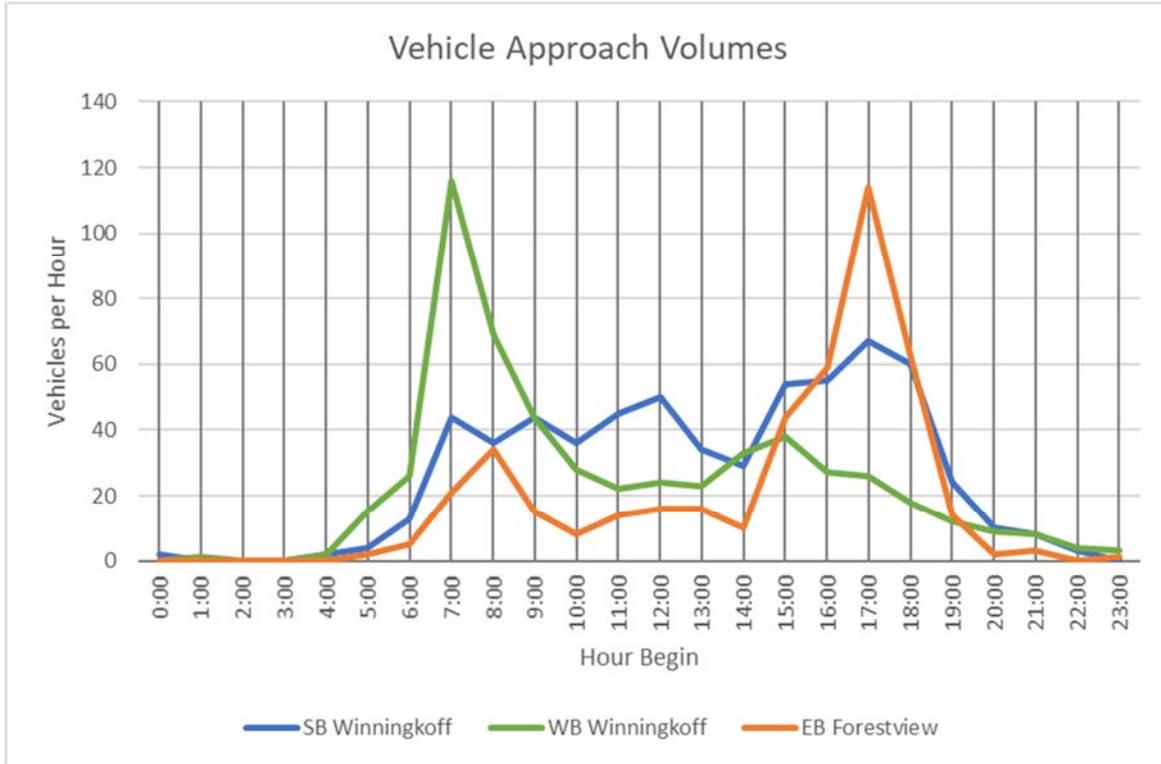
Attachments

Country Club Road at Estelle Lane



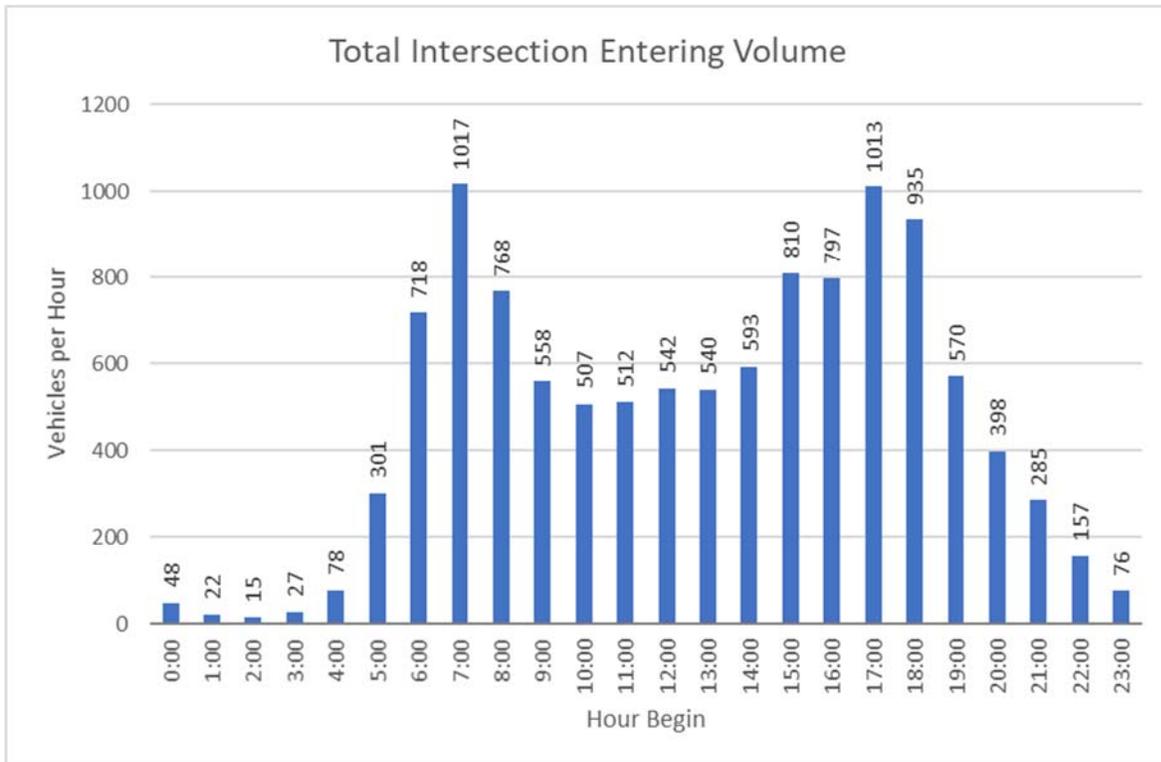
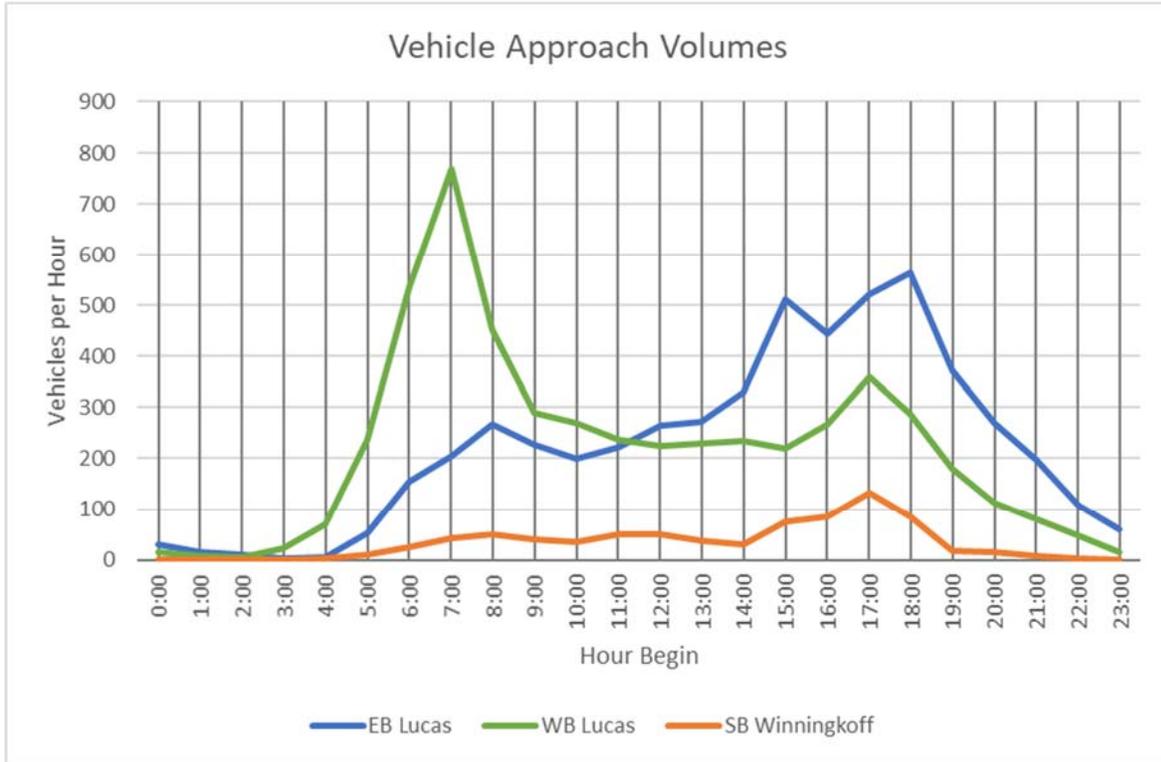
Hour Begin	COUNTRY CLUB RD			ESTELLE LN		
	NB Volume	SB Volume	Total Volume	WB Volume		Total Volume
				Left	Right	
0:00	11	28	39	0	0	0
1:00	6	13	19	1	0	1
2:00	7	5	12	0	0	0
3:00	15	6	21	0	1	1
4:00	46	8	54	1	3	4
5:00	117	47	164	11	9	20
6:00	386	201	587	28	20	48
7:00	692	454	1,146	33	80	113
8:00	595	439	1,034	60	88	148
9:00	329	241	570	21	54	75
10:00	257	238	495	24	49	73
11:00	278	239	517	26	29	55
12:00	270	298	568	26	26	52
13:00	280	327	607	12	28	40
14:00	324	392	716	19	31	50
15:00	358	527	885	34	71	105
16:00	541	595	1,136	30	60	90
17:00	543	633	1,176	21	61	82
18:00	386	491	877	35	41	76
19:00	228	418	646	18	16	34
20:00	111	254	365	6	16	22
21:00	101	186	287	5	7	12
22:00	42	83	125	0	1	1
23:00	28	44	72	0	1	1
TOTAL	5,951	6,167	12,118	411	692	1,103

Forestview Drive at Winningkoff Road



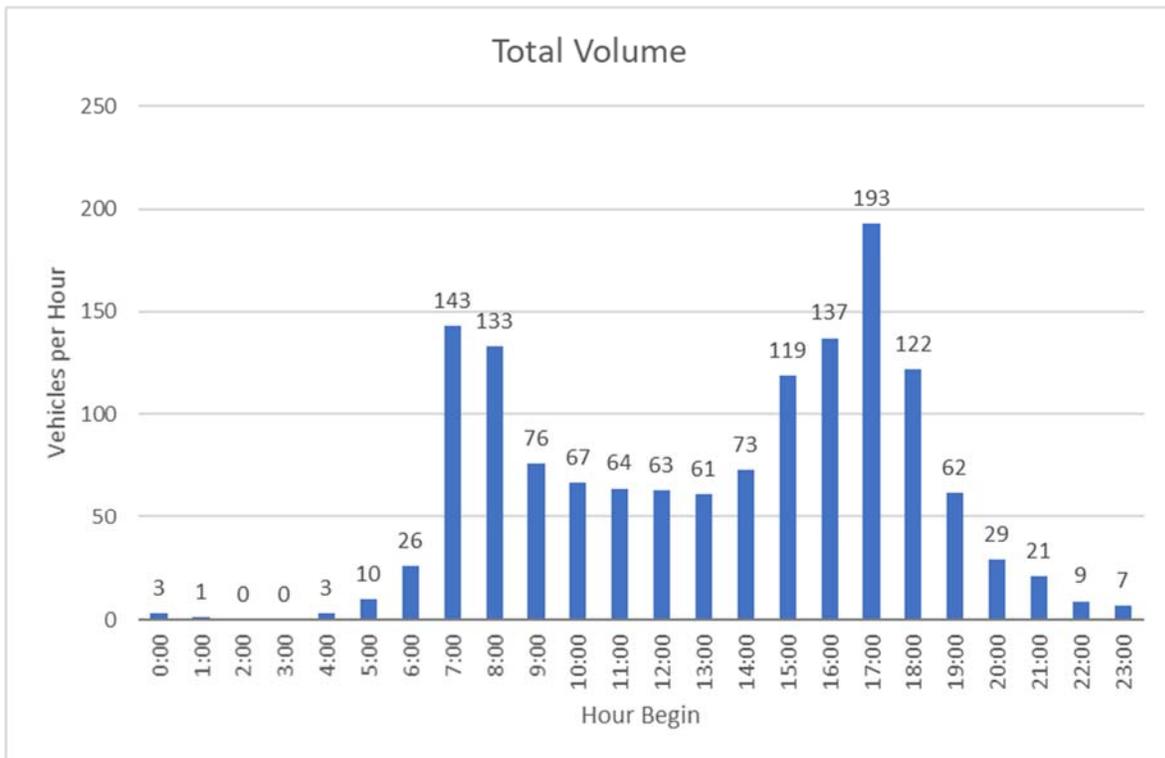
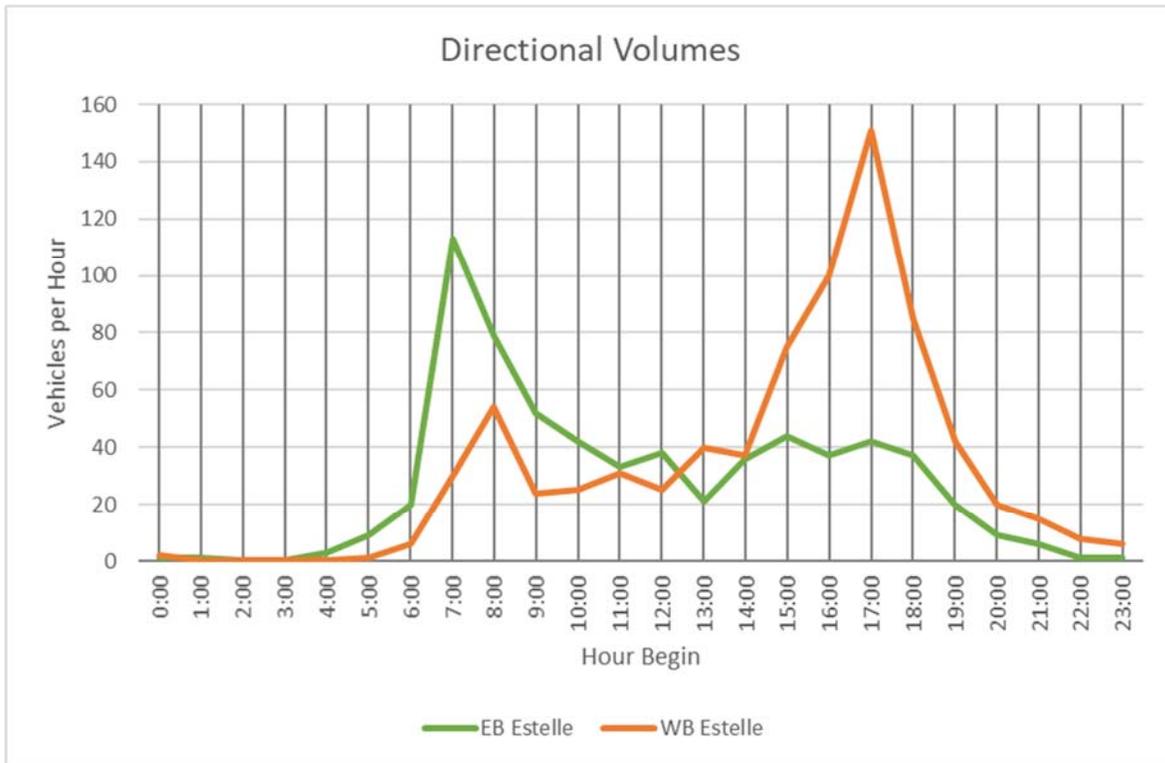
Hour Begin	WINNINGKOFF RD		FORESTVIEW DR
	SB Volume	WB Volume	EB Volume
0:00	2	0	0
1:00	0	1	0
2:00	0	0	0
3:00	0	0	0
4:00	2	2	0
5:00	4	15	2
6:00	13	26	5
7:00	44	116	21
8:00	36	69	34
9:00	44	44	15
10:00	36	28	8
11:00	45	22	14
12:00	50	24	16
13:00	34	23	16
14:00	29	33	10
15:00	54	38	44
16:00	55	27	59
17:00	67	26	114
18:00	60	18	63
19:00	24	12	14
20:00	10	9	2
21:00	8	8	3
22:00	3	4	0
23:00	0	3	1
TOTAL	620	548	441

Lucas Road at Winningkoff Road



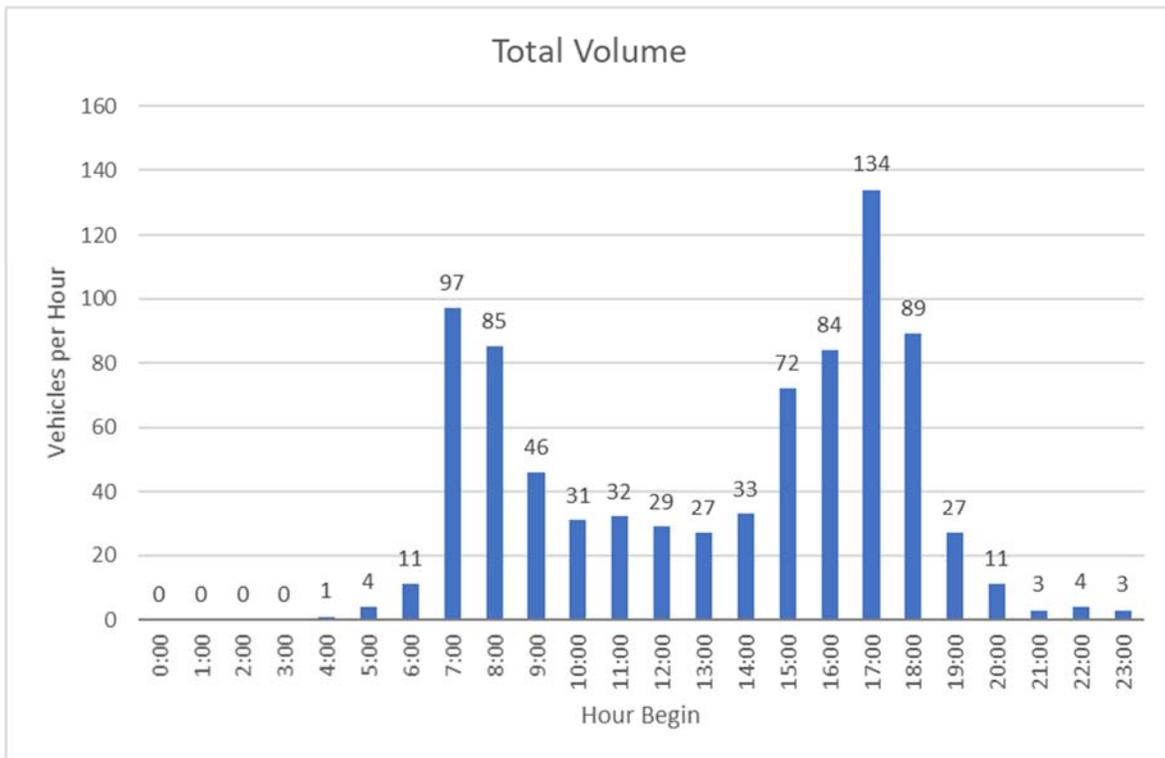
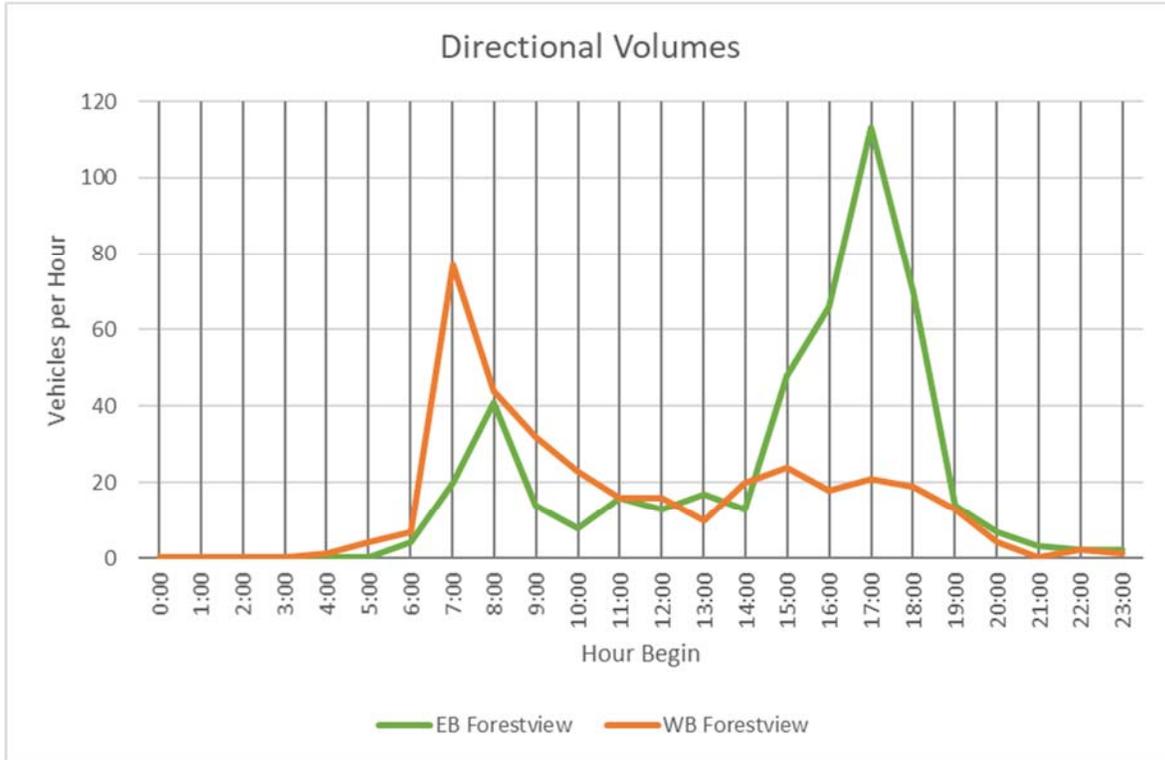
Hour Begin	LUCAS RD			WINNINGKOFF RD		
	EB Volume	WB Volume	Total Volume	SB Volume		Total Volume
				Left	Right	
0:00	31	16	47	0	1	1
1:00	14	8	22	0	0	0
2:00	10	5	15	0	0	0
3:00	3	23	26	0	1	1
4:00	6	70	76	0	2	2
5:00	52	238	290	0	11	11
6:00	156	538	694	1	23	24
7:00	205	770	975	4	38	42
8:00	267	452	719	15	34	49
9:00	228	290	518	6	34	40
10:00	201	270	471	2	34	36
11:00	223	238	461	8	43	51
12:00	266	225	491	3	48	51
13:00	272	231	503	3	34	37
14:00	330	234	564	0	29	29
15:00	513	221	734	26	50	76
16:00	445	268	713	33	51	84
17:00	521	360	881	66	66	132
18:00	565	286	851	28	56	84
19:00	372	180	552	3	15	18
20:00	271	112	383	4	11	15
21:00	198	80	278	1	6	7
22:00	108	47	155	0	2	2
23:00	60	16	76	0	0	0
TOTAL	5,317	5,178	10,495	203	589	792

Estelle Lane West of Wendy Lane



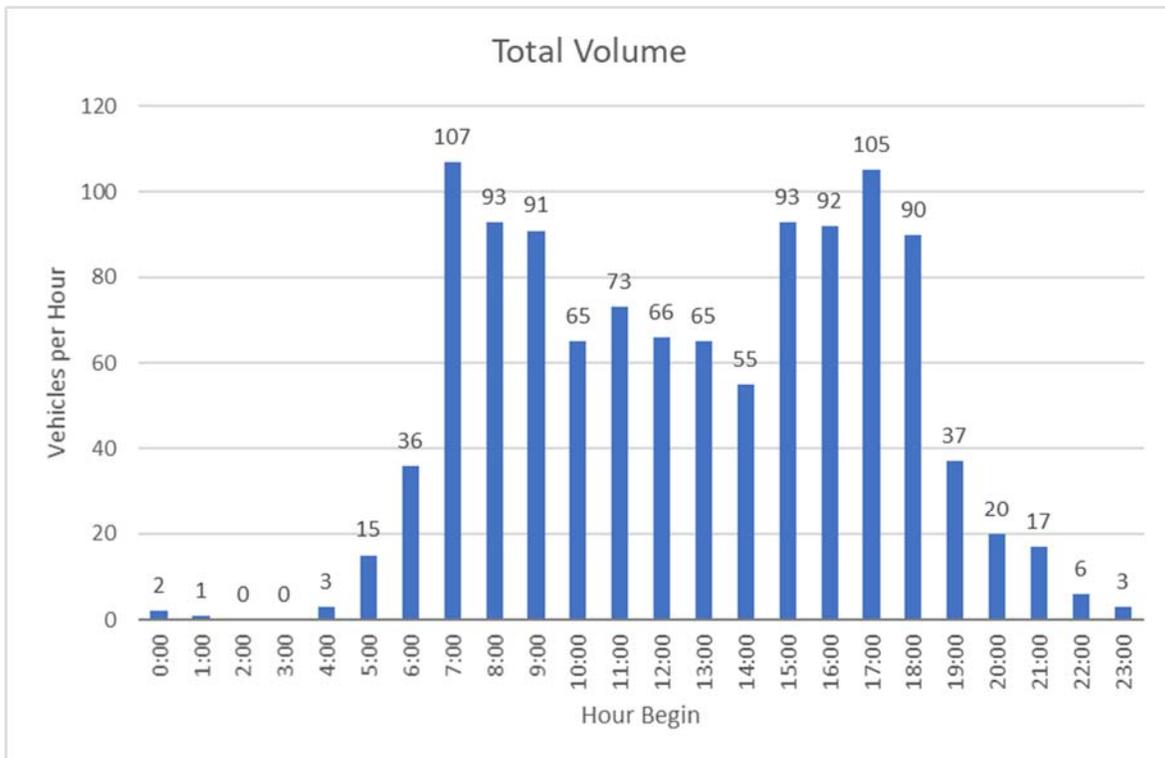
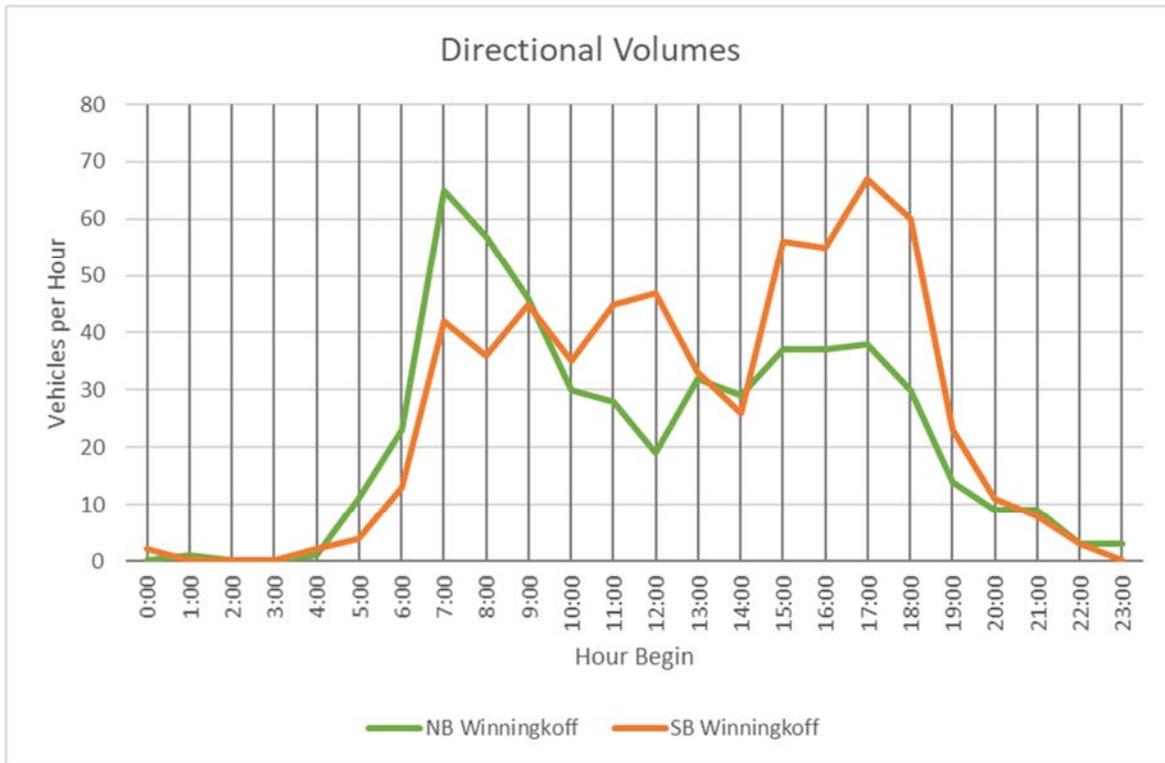
Hour Begin	ESTELLE WEST OF WENDY		
	EB Volume	WB Volume	TOTAL
0:00	1	2	3
1:00	1	0	1
2:00	0	0	0
3:00	0	0	0
4:00	3	0	3
5:00	9	1	10
6:00	20	6	26
7:00	113	30	143
8:00	79	54	133
9:00	52	24	76
10:00	42	25	67
11:00	33	31	64
12:00	38	25	63
13:00	21	40	61
14:00	36	37	73
15:00	44	75	119
16:00	37	100	137
17:00	42	151	193
18:00	37	85	122
19:00	20	42	62
20:00	9	20	29
21:00	6	15	21
22:00	1	8	9
23:00	1	6	7
TOTAL	645	777	1422

Forestview Drive West of Winningkoff Road



Hour Begin	FORESTVIEW WEST OF WINNINGKOFF		
	EB Volume	WB Volume	TOTAL
0:00	0	0	0
1:00	0	0	0
2:00	0	0	0
3:00	0	0	0
4:00	0	1	1
5:00	0	4	4
6:00	4	7	11
7:00	20	77	97
8:00	41	44	85
9:00	14	32	46
10:00	8	23	31
11:00	16	16	32
12:00	13	16	29
13:00	17	10	27
14:00	13	20	33
15:00	48	24	72
16:00	66	18	84
17:00	113	21	134
18:00	70	19	89
19:00	14	13	27
20:00	7	4	11
21:00	3	0	3
22:00	2	2	4
23:00	2	1	3
TOTAL	471	352	823

Winningkoff Road North of Forestview Drive



Hour Begin	WINNINGKOFF NORTH OF FORESTVIEW		
	NB Volume	SB Volume	TOTAL
0:00	0	2	2
1:00	1	0	1
2:00	0	0	0
3:00	0	0	0
4:00	1	2	3
5:00	11	4	15
6:00	23	13	36
7:00	65	42	107
8:00	57	36	93
9:00	46	45	91
10:00	30	35	65
11:00	28	45	73
12:00	19	47	66
13:00	32	33	65
14:00	29	26	55
15:00	37	56	93
16:00	37	55	92
17:00	38	67	105
18:00	30	60	90
19:00	14	23	37
20:00	9	11	20
21:00	9	8	17
22:00	3	3	6
23:00	3	0	3
TOTAL	522	613	1135

GRAM Traffic NTX Inc.

1120 W. Lovers Lane

Arlington, Texas, United States 76013
817.265.8968

Count Name: COUNTRY CLUB
RD @ ESTELLE LN
Site Code:
Start Date: 03/03/2020
Page No: 1

Turning Movement Data

Start Time	COUNTRY CLUB RD Southbound					ESTELLE LN Westbound					COUNTRY CLUB RD Northbound					Eastbound St. Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
12:00 AM	0	8	0	0	8	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	10
12:15 AM	0	6	0	0	6	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	12
12:30 AM	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
12:45 AM	0	8	0	0	8	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	11
Hourly Total	0	28	0	0	28	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	39
1:00 AM	0	2	0	0	2	1	0	0	0	1	0	2	1	0	3	0	0	0	0	0	6
1:15 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1:30 AM	1	4	0	0	5	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	7
1:45 AM	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	6
Hourly Total	1	12	0	0	13	1	0	0	0	1	0	5	1	0	6	0	0	0	0	0	20
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
2:15 AM	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	7
2:30 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
2:45 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hourly Total	0	5	0	0	5	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	12
3:00 AM	0	3	0	0	3	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	5
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	5
3:30 AM	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	6
3:45 AM	0	1	0	0	1	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	6
Hourly Total	0	6	0	0	6	0	0	1	0	1	0	15	0	0	15	0	0	0	0	0	22
4:00 AM	0	3	0	0	3	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	10
4:15 AM	0	1	0	0	1	0	0	0	0	0	0	8	1	0	9	0	0	0	0	0	10
4:30 AM	0	2	0	0	2	1	0	1	0	2	0	11	0	0	11	0	0	0	0	0	15
4:45 AM	0	2	0	0	2	0	0	2	0	2	0	19	0	0	19	0	0	0	0	0	23
Hourly Total	0	8	0	0	8	1	0	3	0	4	0	45	1	0	46	0	0	0	0	0	58
5:00 AM	0	10	0	0	10	2	0	2	0	4	0	13	0	0	13	0	0	0	0	0	27
5:15 AM	1	7	0	0	8	3	0	1	0	4	0	24	0	0	24	0	0	0	0	0	36
5:30 AM	0	8	0	0	8	3	0	2	0	5	0	40	0	0	40	0	0	0	0	0	53
5:45 AM	1	20	0	0	21	3	0	4	0	7	0	40	0	0	40	0	0	0	0	0	68
Hourly Total	2	45	0	0	47	11	0	9	0	20	0	117	0	0	117	0	0	0	0	0	184
6:00 AM	1	25	0	0	26	6	0	3	0	9	0	60	0	0	60	0	0	0	0	0	95
6:15 AM	2	31	0	0	33	7	0	2	0	9	0	87	0	0	87	0	0	0	0	0	129
6:30 AM	2	63	0	0	65	6	0	2	0	8	0	106	1	0	107	0	0	0	0	0	180
6:45 AM	10	67	0	0	77	9	0	13	0	22	0	126	6	0	132	0	0	0	0	0	231
Hourly Total	15	186	0	0	201	28	0	20	0	48	0	379	7	0	386	0	0	0	0	0	635
7:00 AM	10	78	0	0	88	7	0	10	0	17	0	153	8	0	161	0	0	0	0	0	266
7:15 AM	18	97	0	0	115	11	0	26	0	37	0	170	16	0	186	0	0	0	0	0	338
7:30 AM	22	89	0	0	111	8	0	26	0	34	0	151	16	0	167	0	0	0	0	0	312
7:45 AM	33	107	0	0	140	7	0	18	0	25	0	152	26	0	178	0	0	0	0	0	343
Hourly Total	83	371	0	0	454	33	0	80	0	113	0	626	66	0	692	0	0	0	0	0	1259
8:00 AM	12	109	0	0	121	12	0	32	0	44	0	184	15	0	199	0	0	0	0	0	364
8:15 AM	11	101	0	0	112	16	0	24	0	40	0	123	11	0	134	0	0	0	0	0	286
8:30 AM	8	106	0	0	114	24	0	21	0	45	0	141	7	0	148	0	0	0	0	0	307
8:45 AM	13	79	0	0	92	8	0	11	0	19	0	104	10	0	114	0	0	0	0	0	225
Hourly Total	44	395	0	0	439	60	0	88	0	148	0	552	43	0	595	0	0	0	0	0	1182
9:00 AM	8	62	0	0	70	4	0	14	0	18	0	75	10	0	85	0	0	0	0	0	173
9:15 AM	17	53	0	0	70	5	0	15	0	20	0	74	8	0	82	0	0	0	0	0	172
9:30 AM	2	47	0	0	49	6	0	12	0	18	0	92	2	0	94	0	0	0	0	0	161
9:45 AM	8	44	0	0	52	6	0	13	0	19	0	62	6	0	68	0	0	0	0	0	139
Hourly Total	35	206	0	0	241	21	0	54	0	75	0	303	26	0	329	0	0	0	0	0	645
10:00 AM	3	50	0	0	53	6	0	16	0	22	0	62	5	0	67	0	0	0	0	0	142
10:15 AM	12	47	0	0	59	9	0	10	0	19	0	60	3	0	63	0	0	0	0	0	141
10:30 AM	10	58	0	0	68	6	0	9	0	15	0	75	6	0	81	0	0	0	0	0	164
10:45 AM	7	51	0	0	58	3	0	14	0	17	0	42	4	0	46	0	0	0	0	0	121
Hourly Total	32	206	0	0	238	24	0	49	0	73	0	239	18	0	257	0	0	0	0	0	568
11:00 AM	11	52	0	0	63	9	0	8	0	17	0	65	9	0	74	0	0	0	0	0	154
11:15 AM	7	54	0	0	61	5	0	11	0	16	0	68	5	0	73	0	0	0	0	0	150
11:30 AM	9	47	0	0	56	5	0	4	0	9	0	59	12	0	71	0	0	0	0	0	136
11:45 AM	3	56	0	0	59	7	0	6	0	13	0	54	6	0	60	0	0	0	0	0	132
Hourly Total	30	209	0	0	239	26	0	29	0	55	0	246	32	0	278	0	0	0	0	0	572
12:00 PM	7	62	0	0	69	4	0	5	0	9	0	58	6	0	64	0	0	0	0	0	142
12:15 PM	4	67	0	0	71	8	0	7	0	15	0	54	7	0	61	0	0	0	0	0	147

12:30 PM	15	65	0	0	80	10	0	7	0	17	0	55	4	0	59	0	0	0	0	0	156
12:45 PM	12	66	0	0	78	4	0	7	0	11	0	76	9	1	86	0	0	0	0	0	175
Hourly Total	38	260	0	0	298	26	0	26	0	52	0	243	26	1	270	0	0	0	0	0	620
1:00 PM	14	74	0	0	88	4	0	7	0	11	0	51	8	0	59	0	0	0	0	0	158
1:15 PM	7	55	0	0	62	2	0	8	0	10	0	48	5	0	53	0	0	0	0	0	125
1:30 PM	7	78	0	0	85	2	0	7	0	9	0	70	6	0	76	0	0	0	0	0	170
1:45 PM	15	77	0	0	92	4	0	6	0	10	0	87	5	0	92	0	0	0	0	0	194
Hourly Total	43	284	0	0	327	12	0	28	0	40	0	256	24	0	280	0	0	0	0	0	647
2:00 PM	9	74	0	0	83	7	0	7	0	14	0	82	10	0	92	0	0	0	0	0	189
2:15 PM	13	102	0	0	115	4	0	6	0	10	0	68	5	0	73	0	0	0	0	0	198
2:30 PM	10	94	0	0	104	2	0	9	0	11	0	63	12	0	75	0	0	0	0	0	190
2:45 PM	23	67	0	0	90	6	0	9	0	15	0	71	13	0	84	0	0	0	0	0	189
Hourly Total	55	337	0	0	392	19	0	31	0	50	0	284	40	0	324	0	0	0	0	0	766
3:00 PM	30	86	0	0	116	11	0	16	0	27	0	71	13	0	84	0	0	0	0	0	227
3:15 PM	19	108	0	0	127	9	0	23	0	32	0	98	18	0	116	0	0	0	0	0	275
3:30 PM	16	118	0	0	134	4	0	17	0	21	0	72	7	0	79	0	0	0	0	0	234
3:45 PM	16	134	0	0	150	10	0	15	0	25	0	74	5	0	79	0	0	0	0	0	254
Hourly Total	81	446	0	0	527	34	0	71	0	105	0	315	43	0	358	0	0	0	0	0	990
4:00 PM	19	118	0	0	137	10	0	13	0	23	0	116	9	0	125	0	0	0	0	0	285
4:15 PM	25	124	0	0	149	9	0	14	0	23	0	120	24	0	144	0	0	0	0	0	316
4:30 PM	46	124	0	0	170	6	0	14	0	20	0	114	22	0	136	0	0	0	0	0	326
4:45 PM	22	117	0	0	139	5	0	19	0	24	0	122	14	0	136	0	0	0	0	0	299
Hourly Total	112	483	0	0	595	30	0	60	0	90	0	472	69	0	541	0	0	0	0	0	1226
5:00 PM	26	134	0	0	160	6	0	15	0	21	0	114	28	0	142	0	0	0	0	0	323
5:15 PM	37	135	0	0	172	3	0	17	0	20	0	110	14	0	124	0	0	0	0	0	316
5:30 PM	34	130	0	0	164	3	0	12	0	15	0	122	23	0	145	0	0	0	0	0	324
5:45 PM	33	104	0	0	137	9	0	17	0	26	0	111	21	0	132	0	0	0	0	0	295
Hourly Total	130	503	0	0	633	21	0	61	0	82	0	457	86	0	543	0	0	0	0	0	1258
6:00 PM	29	104	0	0	133	8	0	14	0	22	0	97	16	0	113	0	0	0	0	0	268
6:15 PM	16	95	0	0	111	5	0	14	0	19	0	81	14	0	95	0	0	0	0	0	225
6:30 PM	15	97	0	0	112	9	0	8	0	17	0	83	18	0	101	0	0	0	0	0	230
6:45 PM	16	119	0	0	135	13	0	5	0	18	0	72	5	0	77	0	0	0	0	0	230
Hourly Total	76	415	0	0	491	35	0	41	0	76	0	333	53	0	386	0	0	0	0	0	953
7:00 PM	11	95	0	0	106	8	0	3	0	11	0	55	4	0	59	0	0	0	0	0	176
7:15 PM	20	83	0	0	103	5	0	4	0	9	0	48	12	0	60	0	0	0	0	0	172
7:30 PM	18	88	0	0	106	3	0	3	0	6	0	58	11	0	69	0	0	0	0	0	181
7:45 PM	10	93	0	0	103	2	0	6	0	8	0	35	5	0	40	0	0	0	0	0	151
Hourly Total	59	359	0	0	418	18	0	16	0	34	0	196	32	0	228	0	0	0	0	0	680
8:00 PM	5	66	0	0	71	2	0	5	0	7	0	29	7	0	36	0	0	0	0	0	114
8:15 PM	6	74	0	0	80	1	0	2	0	3	0	31	4	0	35	0	0	0	0	0	118
8:30 PM	4	48	0	0	52	0	0	5	0	5	0	21	4	0	25	0	0	0	0	0	82
8:45 PM	4	47	0	0	51	3	0	4	0	7	0	10	5	0	15	0	0	0	0	0	73
Hourly Total	19	235	0	0	254	6	0	16	0	22	0	91	20	0	111	0	0	0	0	0	387
9:00 PM	9	31	0	0	40	1	0	3	0	4	0	22	8	0	30	0	0	0	0	0	74
9:15 PM	3	64	0	0	67	2	0	1	0	3	0	38	4	0	42	0	0	0	0	0	112
9:30 PM	2	43	0	0	45	2	0	1	0	3	0	13	3	0	16	0	0	0	0	0	64
9:45 PM	3	31	0	0	34	0	0	2	0	2	0	12	1	0	13	0	0	0	0	0	49
Hourly Total	17	169	0	0	186	5	0	7	0	12	0	85	16	0	101	0	0	0	0	0	299
10:00 PM	1	32	0	0	33	0	0	0	0	0	0	9	1	0	10	0	0	0	0	0	43
10:15 PM	1	18	0	0	19	0	0	1	0	1	0	8	2	0	10	0	0	0	0	0	30
10:30 PM	0	20	0	0	20	0	0	0	0	0	0	7	3	0	10	0	0	0	0	0	30
10:45 PM	1	10	0	0	11	0	0	0	0	0	0	9	3	0	12	0	0	0	0	0	23
Hourly Total	3	80	0	0	83	0	0	1	0	1	0	33	9	0	42	0	0	0	0	0	126
11:00 PM	3	19	0	0	22	0	0	1	0	1	0	8	2	0	10	0	0	0	0	0	33
11:15 PM	0	11	0	0	11	0	0	0	0	0	0	4	2	0	6	0	0	0	0	0	17
11:30 PM	0	3	0	0	3	0	0	0	0	0	0	7	1	0	8	0	0	0	0	0	11
11:45 PM	0	8	0	0	8	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	12
Hourly Total	3	41	0	0	44	0	0	1	0	1	0	23	5	0	28	0	0	0	0	0	73
Grand Total	878	5289	0	0	6167	411	0	692	0	1103	0	5333	617	1	5951	0	0	0	0	0	13221
Approach %	14.2	85.8	0.0	0.0	-	37.3	0.0	62.7	0.0	-	0.0	89.6	10.4	0.0	-	0.0	0.0	0.0	0.0	-	-
Total %	6.6	40.0	0.0	0.0	46.6	3.1	0.0	5.2	0.0	8.3	0.0	40.3	4.7	0.0	45.0	0.0	0.0	0.0	0.0	0.0	-
Lights	843	5127	0	0	5970	402	0	679	0	1081	0	5179	612	1	5792	0	0	0	0	0	12843
% Lights	96.0	96.9	-	-	96.8	97.8	-	98.1	-	98.0	-	97.1	99.2	100.0	97.3	-	-	-	-	-	97.1
Mediums	35	138	0	0	173	9	0	13	0	22	0	138	5	0	143	0	0	0	0	0	338
% Mediums	4.0	2.6	-	-	2.8	2.2	-	1.9	-	2.0	-	2.6	0.8	0.0	2.4	-	-	-	-	-	2.6
Articulated Trucks	0	24	0	0	24	0	0	0	0	0	0	16	0	0	16	0	0	0	0	0	40
% Articulated Trucks	0.0	0.5	-	-	0.4	0.0	-	0.0	-	0.0	-	0.3	0.0	0.0	0.3	-	-	-	-	-	0.3

GRAM Traffic NTX Inc.

1120 W. Lovers Lane

Arlington, Texas, United States 76013
817.265.8968

Count Name: COUNTRY CLUB
RD @ ESTELLE LN
Site Code:
Start Date: 03/03/2020
Page No: 4

Turning Movement Peak Hour Data (7:15 AM)

Start Time	COUNTRY CLUB RD Southbound					ESTELLE LN Westbound					COUNTRY CLUB RD Northbound					Eastbound St. Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
7:15 AM	18	97	0	0	115	11	0	26	0	37	0	170	16	0	186	0	0	0	0	0	338
7:30 AM	22	89	0	0	111	8	0	26	0	34	0	151	16	0	167	0	0	0	0	0	312
7:45 AM	33	107	0	0	140	7	0	18	0	25	0	152	26	0	178	0	0	0	0	0	343
8:00 AM	12	109	0	0	121	12	0	32	0	44	0	184	15	0	199	0	0	0	0	0	364
Total	85	402	0	0	487	38	0	102	0	140	0	657	73	0	730	0	0	0	0	0	1357
Approach %	17.5	82.5	0.0	0.0	-	27.1	0.0	72.9	0.0	-	0.0	90.0	10.0	0.0	-	0.0	0.0	0.0	0.0	-	-
Total %	6.3	29.6	0.0	0.0	35.9	2.8	0.0	7.5	0.0	10.3	0.0	48.4	5.4	0.0	53.8	0.0	0.0	0.0	0.0	0.0	-
PHF	0.644	0.922	0.000	0.000	0.870	0.792	0.000	0.797	0.000	0.795	0.000	0.893	0.702	0.000	0.917	0.000	0.000	0.000	0.000	0.000	0.932
Lights	74	389	0	0	463	36	0	96	0	132	0	641	73	0	714	0	0	0	0	0	1309
% Lights	87.1	96.8	-	-	95.1	94.7	-	94.1	-	94.3	-	97.6	100.0	-	97.8	-	-	-	-	-	96.5
Mediums	11	12	0	0	23	2	0	6	0	8	0	14	0	0	14	0	0	0	0	0	45
% Mediums	12.9	3.0	-	-	4.7	5.3	-	5.9	-	5.7	-	2.1	0.0	-	1.9	-	-	-	-	-	3.3
Articulated Trucks	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
% Articulated Trucks	0.0	0.2	-	-	0.2	0.0	-	0.0	-	0.0	-	0.3	0.0	-	0.3	-	-	-	-	-	0.2

GRAM Traffic NTX Inc.

1120 W. Lovers Lane

Arlington, Texas, United States 76013
817.265.8968

Count Name: COUNTRY CLUB
RD @ ESTELLE LN
Site Code:
Start Date: 03/03/2020
Page No: 6

Turning Movement Peak Hour Data (4:15 PM)

Start Time	COUNTRY CLUB RD Southbound					ESTELLE LN Westbound					COUNTRY CLUB RD Northbound					Eastbound St. Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
4:15 PM	25	124	0	0	149	9	0	14	0	23	0	120	24	0	144	0	0	0	0	0	316
4:30 PM	46	124	0	0	170	6	0	14	0	20	0	114	22	0	136	0	0	0	0	0	326
4:45 PM	22	117	0	0	139	5	0	19	0	24	0	122	14	0	136	0	0	0	0	0	299
5:00 PM	26	134	0	0	160	6	0	15	0	21	0	114	28	0	142	0	0	0	0	0	323
Total	119	499	0	0	618	26	0	62	0	88	0	470	88	0	558	0	0	0	0	0	1264
Approach %	19.3	80.7	0.0	0.0	-	29.5	0.0	70.5	0.0	-	0.0	84.2	15.8	0.0	-	0.0	0.0	0.0	0.0	-	-
Total %	9.4	39.5	0.0	0.0	48.9	2.1	0.0	4.9	0.0	7.0	0.0	37.2	7.0	0.0	44.1	0.0	0.0	0.0	0.0	0.0	-
PHF	0.647	0.931	0.000	0.000	0.909	0.722	0.000	0.816	0.000	0.917	0.000	0.963	0.786	0.000	0.969	0.000	0.000	0.000	0.000	0.000	0.969
Lights	115	492	0	0	607	26	0	60	0	86	0	457	87	0	544	0	0	0	0	0	1237
% Lights	96.6	98.6	-	-	98.2	100.0	-	96.8	-	97.7	-	97.2	98.9	-	97.5	-	-	-	-	-	97.9
Mediums	4	6	0	0	10	0	0	2	0	2	0	13	1	0	14	0	0	0	0	0	26
% Mediums	3.4	1.2	-	-	1.6	0.0	-	3.2	-	2.3	-	2.8	1.1	-	2.5	-	-	-	-	-	2.1
Articulated Trucks	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
% Articulated Trucks	0.0	0.2	-	-	0.2	0.0	-	0.0	-	0.0	-	0.0	0.0	-	0.0	-	-	-	-	-	0.1

GRAM Traffic NTX Inc.

1120 W. Lovers Lane

Arlington, Texas, United States 76013
817.265.8968

Count Name: WINNINGKOFF
RD @ FOREST VIEW DR
Site Code:
Start Date: 03/03/2020
Page No: 1

Turning Movement Data

Start Time	WINNINGKOFF RD					FOREST VIEW DR					Southbound St.					FOREST VIEW DR					Int. Total
	Southbound					Westbound					Northbound					Eastbound					
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 AM	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
4:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
4:45 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hourly Total	2	0	0	0	2	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	4
5:00 AM	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
5:15 AM	0	0	0	0	0	0	1	4	0	5	0	0	0	0	0	0	1	0	0	1	6
5:30 AM	1	0	0	0	1	0	2	3	0	5	0	0	0	0	0	0	0	0	0	0	6
5:45 AM	2	0	0	0	2	0	1	3	0	4	0	0	0	0	0	0	1	0	0	1	7
Hourly Total	4	0	0	0	4	0	4	11	0	15	0	0	0	0	0	0	2	0	0	2	21
6:00 AM	1	0	1	0	2	0	1	3	0	4	0	0	0	0	0	0	1	0	0	1	7
6:15 AM	3	0	0	0	3	0	0	3	0	3	0	0	0	0	0	1	0	0	0	1	7
6:30 AM	3	0	0	0	3	0	0	8	0	8	0	0	0	0	0	0	1	0	0	1	12
6:45 AM	4	0	1	0	5	0	3	8	0	11	0	0	0	0	0	0	2	0	0	2	18
Hourly Total	11	0	2	0	13	0	4	22	0	26	0	0	0	0	0	1	4	0	0	5	44
7:00 AM	5	0	3	0	8	0	3	6	0	9	0	0	0	0	0	1	0	0	0	1	18
7:15 AM	6	0	6	0	12	0	17	18	1	36	0	0	0	0	0	3	1	0	0	4	52
7:30 AM	6	0	4	0	10	0	20	14	0	34	0	0	0	0	0	2	4	0	0	6	50
7:45 AM	6	0	8	0	14	0	16	21	0	37	0	0	0	0	0	4	6	0	0	10	61
Hourly Total	23	0	21	0	44	0	56	59	1	116	0	0	0	0	0	10	11	0	0	21	181
8:00 AM	6	0	0	0	6	0	12	10	0	22	0	0	0	0	0	2	13	0	0	15	43
8:15 AM	6	0	6	0	12	0	9	5	0	14	0	0	0	0	0	4	2	0	0	6	32
8:30 AM	8	0	4	0	12	0	5	13	0	18	0	0	0	0	0	4	2	0	0	6	36
8:45 AM	5	0	1	0	6	0	3	12	0	15	0	0	0	0	0	4	3	0	0	7	28
Hourly Total	25	0	11	0	36	0	29	40	0	69	0	0	0	0	0	14	20	0	0	34	139
9:00 AM	5	0	7	0	12	0	1	12	0	13	0	0	0	0	0	4	3	0	0	7	32
9:15 AM	10	0	4	0	14	0	4	6	0	10	0	0	0	0	0	3	3	0	0	6	30
9:30 AM	9	0	3	0	12	0	1	8	0	9	0	0	0	0	0	0	1	0	0	1	22
9:45 AM	2	0	4	0	6	0	2	10	0	12	0	0	0	0	0	1	0	0	0	1	19
Hourly Total	26	0	18	0	44	0	8	36	0	44	0	0	0	0	0	8	7	0	0	15	103
10:00 AM	10	0	3	0	13	0	2	8	0	10	0	0	0	0	0	1	2	0	0	3	26
10:15 AM	4	0	0	0	4	0	1	7	0	8	0	0	0	0	0	1	0	0	0	1	13
10:30 AM	5	0	4	1	10	0	2	2	0	4	0	0	0	0	0	2	1	0	0	3	17
10:45 AM	4	0	4	1	9	0	1	5	0	6	0	0	0	0	0	1	0	0	0	1	16
Hourly Total	23	0	11	2	36	0	6	22	0	28	0	0	0	0	0	5	3	0	0	8	72
11:00 AM	7	0	6	0	13	0	0	4	0	4	0	0	0	0	0	1	1	0	0	2	19
11:15 AM	9	0	5	0	14	0	1	2	0	3	0	0	0	0	0	4	4	0	0	8	25
11:30 AM	11	0	0	0	11	0	0	3	0	3	0	0	0	0	0	1	1	0	0	2	16
11:45 AM	7	0	0	0	7	0	1	11	0	12	0	0	0	0	0	1	1	0	0	2	21
Hourly Total	34	0	11	0	45	0	2	20	0	22	0	0	0	0	0	7	7	0	0	14	81
12:00 PM	15	0	2	0	17	0	1	6	0	7	0	0	0	0	0	1	0	0	0	1	25
12:15 PM	3	0	4	0	7	0	0	2	0	2	0	0	0	0	0	0	4	0	0	4	13

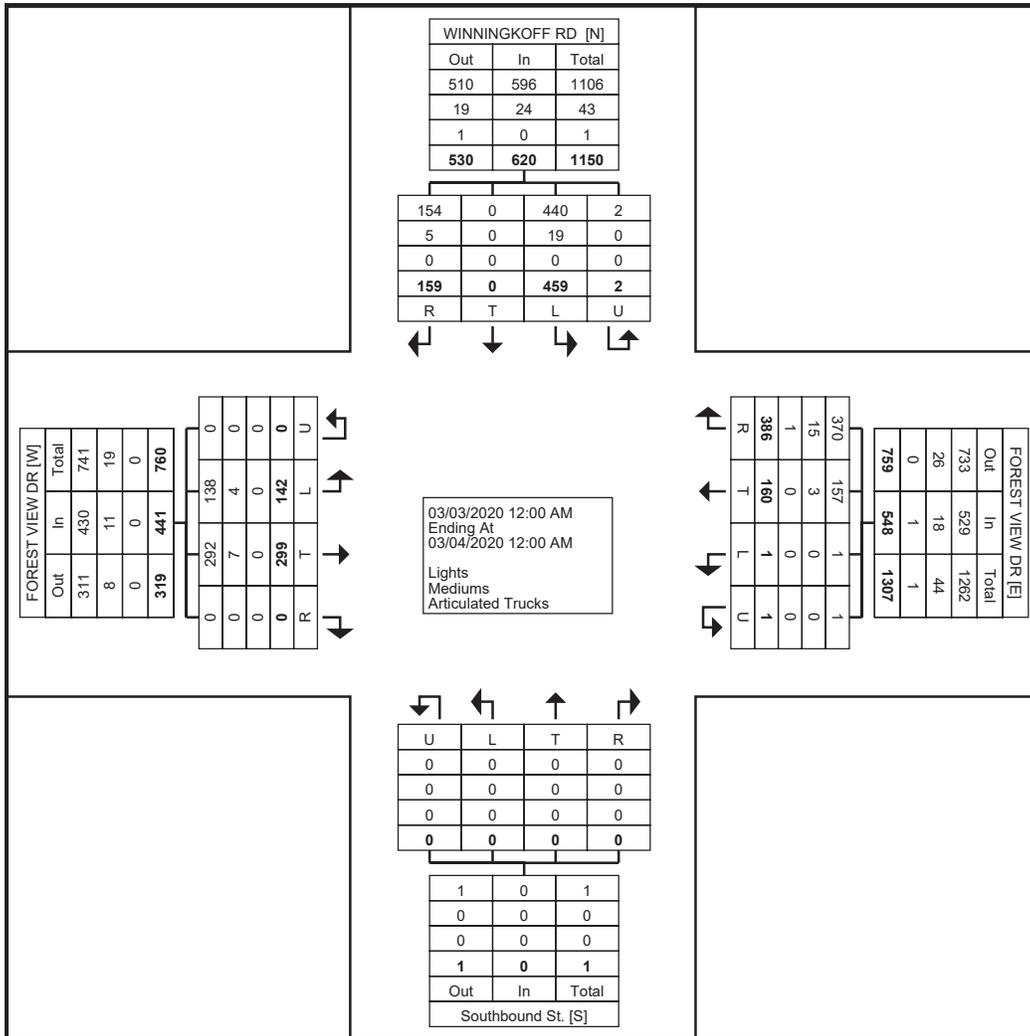
12:30 PM	10	0	4	0	14	0	1	7	0	8	0	0	0	0	0	1	5	0	0	6	28
12:45 PM	10	0	2	0	12	0	1	6	0	7	0	0	0	0	0	2	3	0	0	5	24
Hourly Total	38	0	12	0	50	0	3	21	0	24	0	0	0	0	0	4	12	0	0	16	90
1:00 PM	8	0	3	0	11	1	1	4	0	6	0	0	0	0	0	5	1	0	0	6	23
1:15 PM	4	0	2	0	6	0	0	6	0	6	0	0	0	0	0	2	0	0	0	2	14
1:30 PM	6	0	1	0	7	0	1	4	0	5	0	0	0	0	0	2	0	0	0	2	14
1:45 PM	9	0	1	0	10	0	0	6	0	6	0	0	0	0	0	3	3	0	0	6	22
Hourly Total	27	0	7	0	34	1	2	20	0	23	0	0	0	0	0	12	4	0	0	16	73
2:00 PM	7	0	4	0	11	0	0	4	0	4	0	0	0	0	0	3	0	0	0	3	18
2:15 PM	4	0	0	0	4	0	3	6	0	9	0	0	0	0	0	1	2	0	0	3	16
2:30 PM	5	0	1	0	6	0	4	4	0	8	0	0	0	0	0	3	1	0	0	4	18
2:45 PM	6	0	2	0	8	0	3	9	0	12	0	0	0	0	0	0	0	0	0	0	20
Hourly Total	22	0	7	0	29	0	10	23	0	33	0	0	0	0	0	7	3	0	0	10	72
3:00 PM	9	0	4	0	13	0	4	4	0	8	0	0	0	0	0	2	5	0	0	7	28
3:15 PM	11	0	5	0	16	0	0	10	0	10	0	0	0	0	0	6	17	0	0	23	49
3:30 PM	12	0	2	0	14	0	4	8	0	12	0	0	0	0	0	2	5	0	0	7	33
3:45 PM	9	0	2	0	11	0	2	6	0	8	0	0	0	0	0	2	5	0	0	7	26
Hourly Total	41	0	13	0	54	0	10	28	0	38	0	0	0	0	0	12	32	0	0	44	136
4:00 PM	7	0	3	0	10	0	2	8	0	10	0	0	0	0	0	1	5	0	0	6	26
4:15 PM	10	0	2	0	12	0	1	5	0	6	0	0	0	0	0	4	9	0	0	13	31
4:30 PM	17	0	6	0	23	0	0	4	0	4	0	0	0	0	0	7	14	0	0	21	48
4:45 PM	10	0	0	0	10	0	3	4	0	7	0	0	0	0	0	5	14	0	0	19	36
Hourly Total	44	0	11	0	55	0	6	21	0	27	0	0	0	0	0	17	42	0	0	59	141
5:00 PM	16	0	3	0	19	0	1	5	0	6	0	0	0	0	0	10	20	0	0	30	55
5:15 PM	16	0	0	0	16	0	1	6	0	7	0	0	0	0	0	2	23	0	0	25	48
5:30 PM	13	0	4	0	17	0	3	5	0	8	0	0	0	0	0	3	24	0	0	27	52
5:45 PM	12	0	3	0	15	0	3	2	0	5	0	0	0	0	0	7	25	0	0	32	52
Hourly Total	57	0	10	0	67	0	8	18	0	26	0	0	0	0	0	22	92	0	0	114	207
6:00 PM	12	0	3	0	15	0	1	3	0	4	0	0	0	0	0	4	24	0	0	28	47
6:15 PM	16	0	3	0	19	0	1	2	0	3	0	0	0	0	0	2	7	0	0	9	31
6:30 PM	13	0	1	0	14	0	3	3	0	6	0	0	0	0	0	6	10	0	0	16	36
6:45 PM	6	0	6	0	12	0	0	5	0	5	0	0	0	0	0	3	7	0	0	10	27
Hourly Total	47	0	13	0	60	0	5	13	0	18	0	0	0	0	0	15	48	0	0	63	141
7:00 PM	2	0	1	0	3	0	1	3	0	4	0	0	0	0	0	1	1	0	0	2	9
7:15 PM	4	0	1	0	5	0	1	2	0	3	0	0	0	0	0	1	5	0	0	6	14
7:30 PM	3	0	1	0	4	0	0	3	0	3	0	0	0	0	0	2	2	0	0	4	11
7:45 PM	8	0	4	0	12	0	1	1	0	2	0	0	0	0	0	1	1	0	0	2	16
Hourly Total	17	0	7	0	24	0	3	9	0	12	0	0	0	0	0	5	9	0	0	14	50
8:00 PM	1	0	1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	4
8:15 PM	5	0	1	0	6	0	0	2	0	2	0	0	0	0	0	1	1	0	0	2	10
8:30 PM	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
8:45 PM	1	0	0	0	1	0	1	3	0	4	0	0	0	0	0	0	0	0	0	0	5
Hourly Total	8	0	2	0	10	0	1	8	0	9	0	0	0	0	0	1	1	0	0	2	21
9:00 PM	3	0	0	0	3	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	5
9:15 PM	1	0	1	0	2	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	4
9:30 PM	1	0	0	0	1	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	5
9:45 PM	2	0	0	0	2	0	0	2	0	2	0	0	0	0	0	0	1	0	0	1	5
Hourly Total	7	0	1	0	8	0	0	8	0	8	0	0	0	0	0	1	2	0	0	3	19
10:00 PM	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
10:15 PM	1	0	1	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	2
Hourly Total	2	0	1	0	3	0	1	3	0	4	0	0	0	0	0	0	0	0	0	0	7
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	2
11:30 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	2
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	1	2	0	3	0	0	0	0	0	1	0	0	0	1	4
Grand Total	459	0	159	2	620	1	160	386	1	548	0	0	0	0	0	142	299	0	0	441	1609
Approach %	74.0	0.0	25.6	0.3	-	0.2	29.2	70.4	0.2	-	0.0	0.0	0.0	0.0	-	32.2	67.8	0.0	0.0	-	-
Total %	28.5	0.0	9.9	0.1	38.5	0.1	9.9	24.0	0.1	34.1	0.0	0.0	0.0	0.0	0.0	8.8	18.6	0.0	0.0	27.4	-
Lights	440	0	154	2	596	1	157	370	1	529	0	0	0	0	0	138	292	0	0	430	1555
% Lights	95.9	-	96.9	100.0	96.1	100.0	98.1	95.9	100.0	96.5	-	-	-	-	-	97.2	97.7	-	-	97.5	96.6
Mediums	19	0	5	0	24	0	3	15	0	18	0	0	0	0	0	4	7	0	0	11	53
% Mediums	4.1	-	3.1	0.0	3.9	0.0	1.9	3.9	0.0	3.3	-	-	-	-	-	2.8	2.3	-	-	2.5	3.3
Articulated Trucks	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
% Articulated Trucks	0.0	-	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.2	-	-	-	-	-	0.0	0.0	-	-	0.0	0.1

GRAM Traffic NTX Inc.

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Count Name: WINNINGKOFF
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Turning Movement Data Plot

GRAM Traffic NTX Inc.

1120 W. Lovers Lane

Arlington, Texas, United States 76013
817.265.8968

Count Name: WINNINGKOFF
RD @ FOREST VIEW DR
Site Code:
Start Date: 03/03/2020
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Turning Movement Peak Hour Data (7:15 AM)

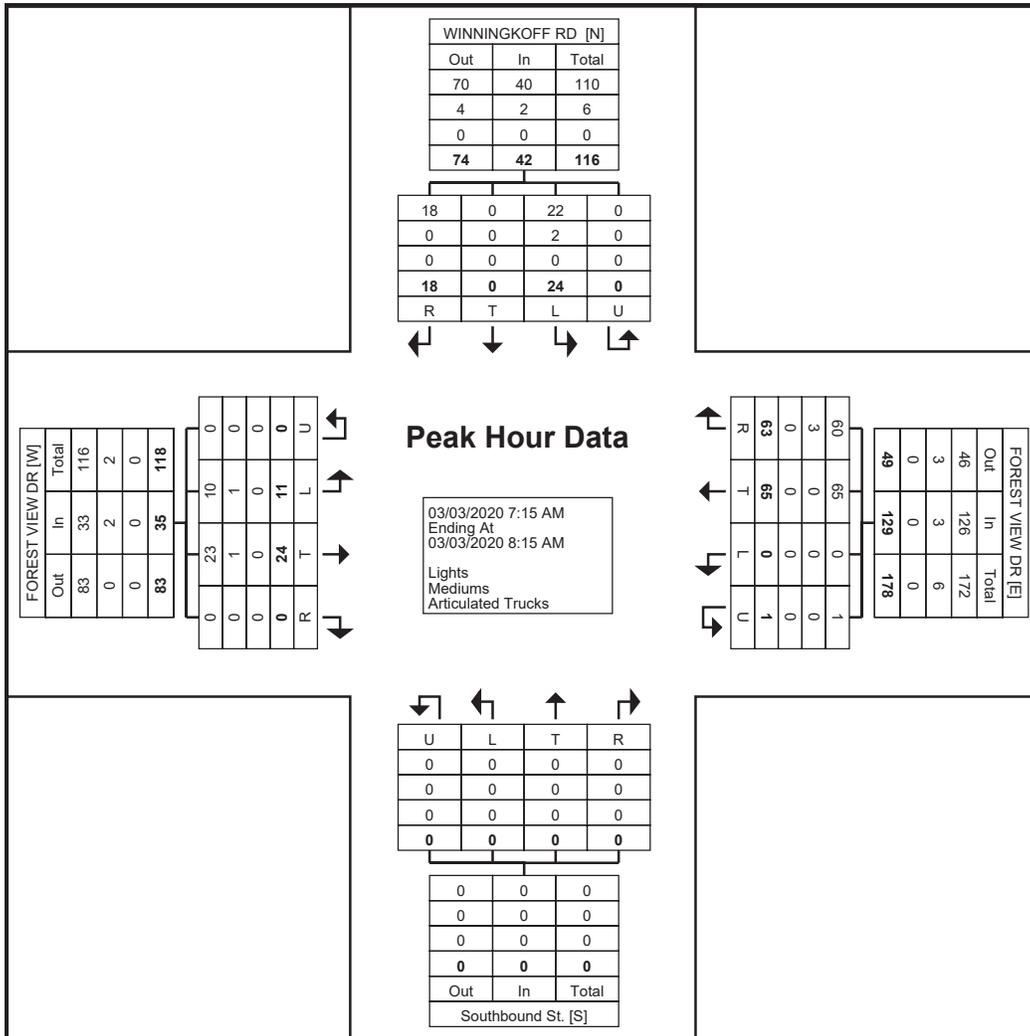
Start Time	WINNINGKOFF RD Southbound					FOREST VIEW DR Westbound					Southbound St. Northbound					FOREST VIEW DR Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
7:15 AM	6	0	6	0	12	0	17	18	1	36	0	0	0	0	0	3	1	0	0	4	52
7:30 AM	6	0	4	0	10	0	20	14	0	34	0	0	0	0	0	2	4	0	0	6	50
7:45 AM	6	0	8	0	14	0	16	21	0	37	0	0	0	0	0	4	6	0	0	10	61
8:00 AM	6	0	0	0	6	0	12	10	0	22	0	0	0	0	0	2	13	0	0	15	43
Total	24	0	18	0	42	0	65	63	1	129	0	0	0	0	0	11	24	0	0	35	206
Approach %	57.1	0.0	42.9	0.0	-	0.0	50.4	48.8	0.8	-	0.0	0.0	0.0	0.0	-	31.4	68.6	0.0	0.0	-	-
Total %	11.7	0.0	8.7	0.0	20.4	0.0	31.6	30.6	0.5	62.6	0.0	0.0	0.0	0.0	0.0	5.3	11.7	0.0	0.0	17.0	-
PHF	1.000	0.000	0.563	0.000	0.750	0.000	0.813	0.750	0.250	0.872	0.000	0.000	0.000	0.000	0.000	0.688	0.462	0.000	0.000	0.583	0.844
Lights	22	0	18	0	40	0	65	60	1	126	0	0	0	0	0	10	23	0	0	33	199
% Lights	91.7	-	100.0	-	95.2	-	100.0	95.2	100.0	97.7	-	-	-	-	-	90.9	95.8	-	-	94.3	96.6
Mediums	2	0	0	0	2	0	0	3	0	3	0	0	0	0	0	1	1	0	0	2	7
% Mediums	8.3	-	0.0	-	4.8	-	0.0	4.8	0.0	2.3	-	-	-	-	-	9.1	4.2	-	-	5.7	3.4
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	0.0

GRAM Traffic NTX Inc.

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Count Name: WINNINGKOFF
RD @ FOREST VIEW DR
Site Code:
Start Date: 03/03/2020
Page No: 5



Turning Movement Peak Hour Data Plot (7:15 AM)

GRAM Traffic NTX Inc.

1120 W. Lovers Lane

Arlington, Texas, United States 76013
817.265.8968

Count Name: WINNINGKOFF
RD @ FOREST VIEW DR
Site Code:
Start Date: 03/03/2020
Page No: 6

Turning Movement Peak Hour Data (5:00 PM)

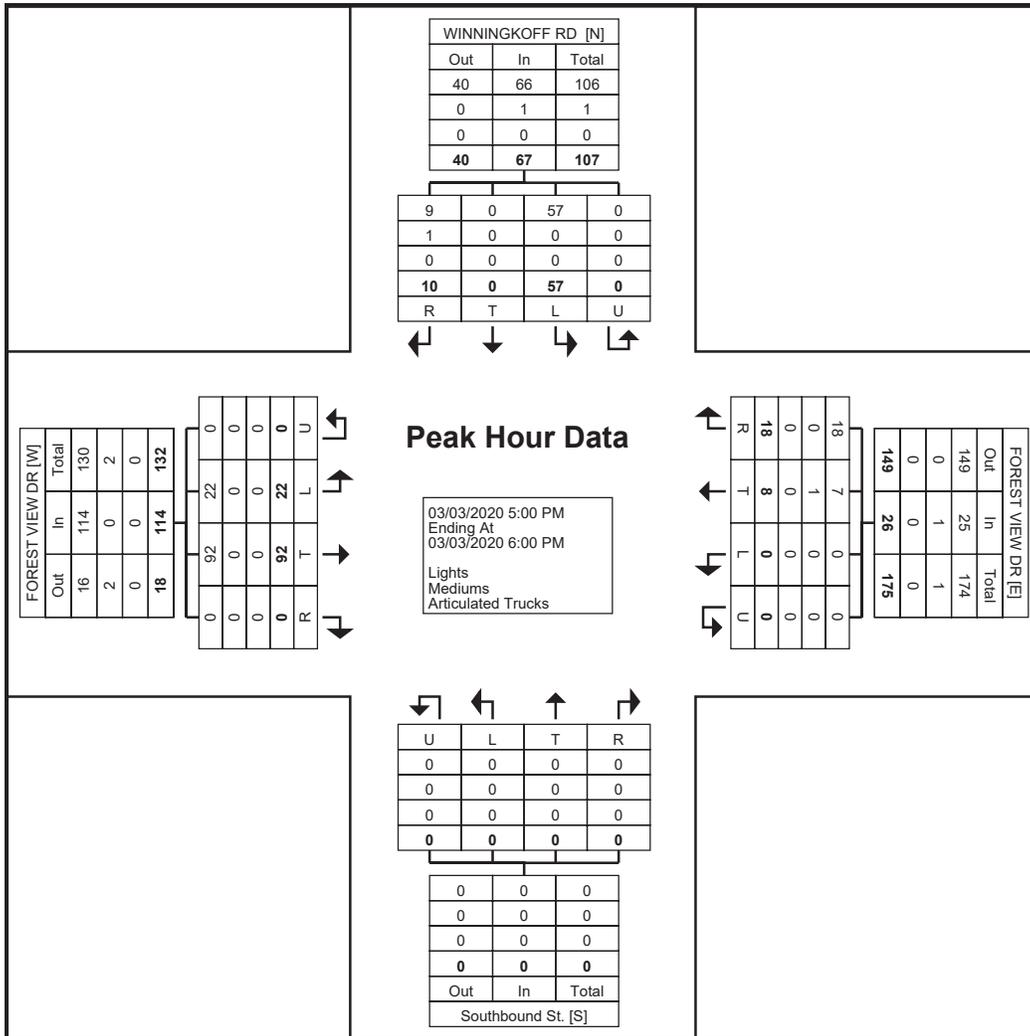
Start Time	WINNINGKOFF RD Southbound					FOREST VIEW DR Westbound					Southbound St. Northbound					FOREST VIEW DR Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
5:00 PM	16	0	3	0	19	0	1	5	0	6	0	0	0	0	0	10	20	0	0	30	55
5:15 PM	16	0	0	0	16	0	1	6	0	7	0	0	0	0	0	2	23	0	0	25	48
5:30 PM	13	0	4	0	17	0	3	5	0	8	0	0	0	0	0	3	24	0	0	27	52
5:45 PM	12	0	3	0	15	0	3	2	0	5	0	0	0	0	0	7	25	0	0	32	52
Total	57	0	10	0	67	0	8	18	0	26	0	0	0	0	0	22	92	0	0	114	207
Approach %	85.1	0.0	14.9	0.0	-	0.0	30.8	69.2	0.0	-	0.0	0.0	0.0	0.0	-	19.3	80.7	0.0	0.0	-	-
Total %	27.5	0.0	4.8	0.0	32.4	0.0	3.9	8.7	0.0	12.6	0.0	0.0	0.0	0.0	0.0	10.6	44.4	0.0	0.0	55.1	-
PHF	0.891	0.000	0.625	0.000	0.882	0.000	0.667	0.750	0.000	0.813	0.000	0.000	0.000	0.000	0.000	0.550	0.920	0.000	0.000	0.891	0.941
Lights	57	0	9	0	66	0	7	18	0	25	0	0	0	0	0	22	92	0	0	114	205
% Lights	100.0	-	90.0	-	98.5	-	87.5	100.0	-	96.2	-	-	-	-	-	100.0	100.0	-	-	100.0	99.0
Mediums	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
% Mediums	0.0	-	10.0	-	1.5	-	12.5	0.0	-	3.8	-	-	-	-	-	0.0	0.0	-	-	0.0	1.0
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

GRAM Traffic NTX Inc.

1120 W. Lovers Lane

Arlington, Texas, United States 76013
817.265.8968

Count Name: WINNINGKOFF
RD @ FOREST VIEW DR
Site Code:
Start Date: 03/03/2020
Page No: 7



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

GRAM Traffic NTX Inc.

1120 W. Lovers Lane

Arlington, Texas, United States 76013
817.265.8968

Count Name: WINNINGKOFF
RD @ LUCAS RD
Site Code:
Start Date: 03/03/2020
Page No: 1

Turning Movement Data

Start Time	WINNINGKOFF RD Southbound					LUCAS RD Westbound					Northbound St. Northbound					LUCAS RD Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
12:00 AM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	6	0	0	6	11
12:15 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	7	0	0	7	9
12:30 AM	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	13	0	0	13	20
12:45 AM	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	0	5	0	0	5	8
Hourly Total	0	0	1	0	1	0	16	0	0	16	0	0	0	0	0	0	31	0	0	31	48
1:00 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4	0	0	4	8
1:15 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	1	3	0	0	4	6
1:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	4
1:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	4
Hourly Total	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	1	13	0	0	14	22
2:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	5	0	0	5	7
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
2:45 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	5	0	0	5	0	0	0	0	0	0	10	0	0	10	15
3:00 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	3
3:15 AM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	6
3:30 AM	0	0	1	0	1	0	7	0	0	7	0	0	0	0	0	0	1	0	0	1	9
3:45 AM	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	1	0	0	1	9
Hourly Total	0	0	1	0	1	0	23	0	0	23	0	0	0	0	0	0	3	0	0	3	27
4:00 AM	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	1	0	0	1	13
4:15 AM	0	0	1	0	1	0	11	0	0	11	0	0	0	0	0	1	1	0	0	2	14
4:30 AM	0	0	0	0	0	0	24	0	0	24	0	0	0	0	0	0	1	0	0	1	25
4:45 AM	0	0	1	0	1	0	23	0	0	23	0	0	0	0	0	0	2	0	0	2	26
Hourly Total	0	0	2	0	2	0	70	0	0	70	0	0	0	0	0	1	5	0	0	6	78
5:00 AM	0	0	2	0	2	0	35	0	0	35	0	0	0	0	0	1	2	0	0	3	40
5:15 AM	0	0	2	0	2	0	53	0	0	53	0	0	0	0	0	4	7	0	0	11	66
5:30 AM	0	0	2	0	2	0	62	0	0	62	0	0	0	0	0	3	10	0	0	13	77
5:45 AM	0	0	5	0	5	0	88	0	0	88	0	0	0	0	0	3	22	0	0	25	118
Hourly Total	0	0	11	0	11	0	238	0	0	238	0	0	0	0	0	11	41	0	0	52	301
6:00 AM	0	0	1	0	1	0	116	0	0	116	0	0	0	0	0	5	14	0	0	19	136
6:15 AM	1	0	4	0	5	0	127	0	0	127	0	0	0	0	0	4	33	0	0	37	169
6:30 AM	0	0	9	0	9	0	152	1	0	153	0	0	0	0	0	9	37	0	0	46	208
6:45 AM	0	0	9	0	9	0	141	1	0	142	0	0	0	0	0	8	46	0	0	54	205
Hourly Total	1	0	23	0	24	0	536	2	0	538	0	0	0	0	0	26	130	0	0	156	718
7:00 AM	0	0	9	0	9	0	198	3	0	201	0	0	0	0	0	7	35	0	0	42	252
7:15 AM	1	0	9	0	10	0	181	20	0	201	0	0	0	0	0	15	40	0	0	55	266
7:30 AM	2	0	12	0	14	0	167	19	0	186	0	0	0	0	0	6	41	0	0	47	247
7:45 AM	1	0	8	0	9	0	169	13	0	182	0	0	0	0	0	17	44	0	0	61	252
Hourly Total	4	0	38	0	42	0	715	55	0	770	0	0	0	0	0	45	160	0	0	205	1017
8:00 AM	12	0	6	0	18	0	139	5	0	144	0	0	0	0	0	11	46	0	0	57	219
8:15 AM	3	0	9	0	12	0	130	3	0	133	0	0	0	0	0	6	55	0	0	61	206
8:30 AM	0	0	11	0	11	0	94	4	0	98	0	0	0	0	0	15	63	0	0	78	187
8:45 AM	0	0	8	0	8	0	77	0	0	77	0	0	0	0	0	16	55	0	0	71	156
Hourly Total	15	0	34	0	49	0	440	12	0	452	0	0	0	0	0	48	219	0	0	267	768
9:00 AM	3	0	8	0	11	0	71	3	0	74	0	0	0	0	0	10	47	0	0	57	142
9:15 AM	1	0	13	0	14	0	63	0	0	63	0	0	0	0	0	11	50	0	0	61	138
9:30 AM	1	0	8	0	9	0	88	4	0	92	0	0	0	0	0	9	42	0	0	51	152
9:45 AM	1	0	5	0	6	0	59	2	0	61	0	0	0	0	0	9	50	0	0	59	126
Hourly Total	6	0	34	0	40	0	281	9	0	290	0	0	0	0	0	39	189	0	0	228	558
10:00 AM	0	0	9	0	9	0	66	1	0	67	0	0	0	0	0	10	34	0	0	44	120
10:15 AM	1	0	8	0	9	0	66	1	0	67	0	0	0	0	0	5	40	0	0	45	121
10:30 AM	1	0	10	0	11	0	66	2	0	68	0	0	0	0	0	3	50	0	0	53	132
10:45 AM	0	0	7	0	7	0	68	0	0	68	0	0	0	0	0	8	51	0	0	59	134
Hourly Total	2	0	34	0	36	0	266	4	0	270	0	0	0	0	0	26	175	0	0	201	507
11:00 AM	0	0	9	0	9	0	64	0	0	64	0	0	0	0	0	4	41	0	0	45	118
11:15 AM	3	0	9	0	12	0	51	2	0	53	0	0	0	0	0	1	46	0	0	47	112
11:30 AM	2	0	17	0	19	0	54	0	0	54	0	0	0	0	0	10	60	0	0	70	143
11:45 AM	3	0	8	0	11	0	64	3	0	67	0	0	0	0	0	8	53	0	0	61	139
Hourly Total	8	0	43	0	51	0	233	5	0	238	0	0	0	0	0	23	200	0	0	223	512
12:00 PM	0	0	18	0	18	0	57	0	0	57	0	0	0	0	0	8	56	0	0	64	139
12:15 PM	1	0	8	0	9	0	60	1	0	61	0	0	0	0	0	6	63	0	0	69	139

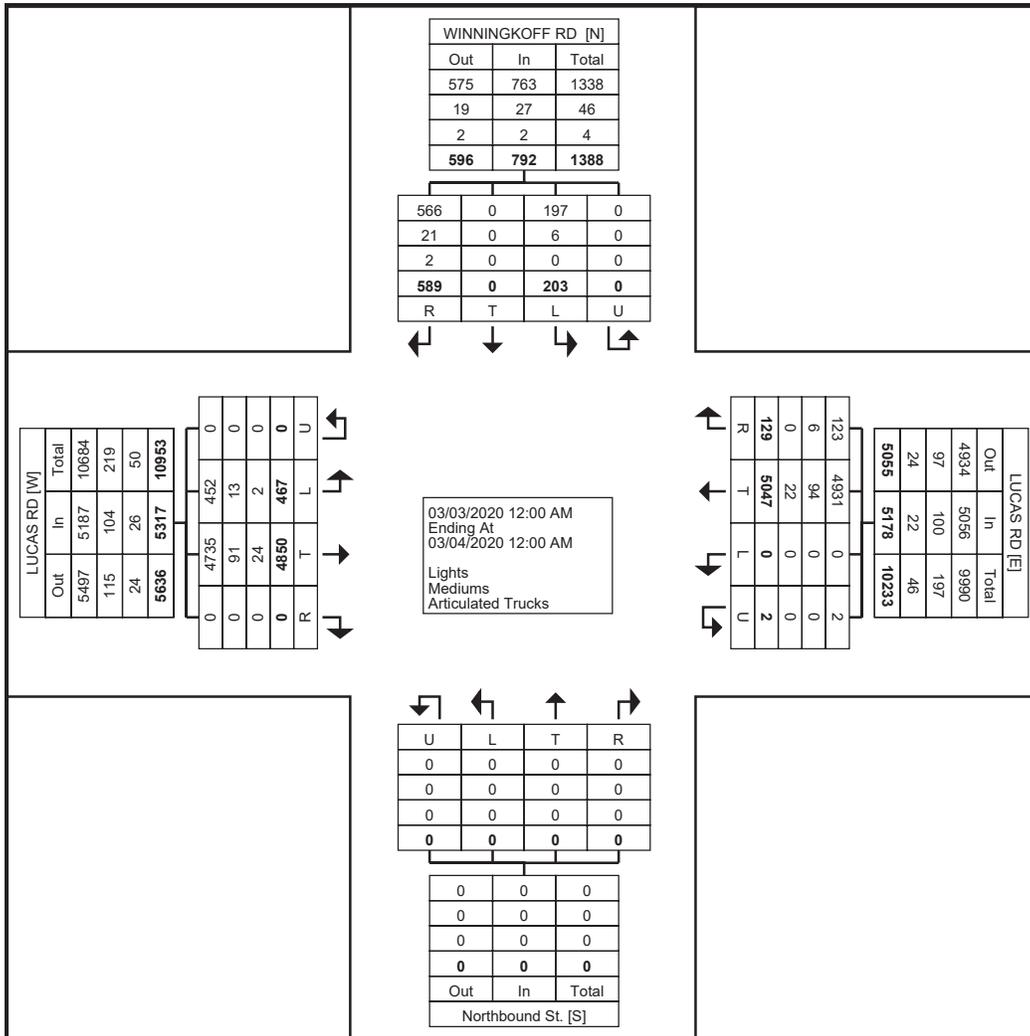
12:30 PM	0	0	12	0	12	0	45	2	0	47	0	0	0	0	0	6	49	0	0	55	114
12:45 PM	2	0	10	0	12	0	60	0	0	60	0	0	0	0	0	12	66	0	0	78	150
Hourly Total	3	0	48	0	51	0	222	3	0	225	0	0	0	0	0	32	234	0	0	266	542
1:00 PM	1	0	8	0	9	0	56	1	0	57	0	0	0	0	0	4	68	0	0	72	138
1:15 PM	0	0	8	0	8	0	56	1	0	57	0	0	0	0	0	9	72	0	0	81	146
1:30 PM	1	0	5	0	6	0	39	0	0	39	0	0	0	0	0	7	56	0	0	63	108
1:45 PM	1	0	13	0	14	0	75	3	0	78	0	0	0	0	0	5	51	0	0	56	148
Hourly Total	3	0	34	0	37	0	226	5	0	231	0	0	0	0	0	25	247	0	0	272	540
2:00 PM	0	0	9	0	9	0	57	0	0	57	0	0	0	0	0	9	62	0	0	71	137
2:15 PM	0	0	3	0	3	0	61	1	0	62	0	0	0	0	0	8	74	0	0	82	147
2:30 PM	0	0	7	0	7	0	45	2	1	48	0	0	0	0	0	8	77	0	0	85	140
2:45 PM	0	0	10	0	10	0	64	3	0	67	0	0	0	0	0	9	83	0	0	92	169
Hourly Total	0	0	29	0	29	0	227	6	1	234	0	0	0	0	0	34	296	0	0	330	593
3:00 PM	4	0	11	0	15	0	60	4	1	65	0	0	0	0	0	6	107	0	0	113	193
3:15 PM	14	0	7	0	21	0	53	1	0	54	0	0	0	0	0	8	118	0	0	126	201
3:30 PM	4	0	23	0	27	0	51	3	0	54	0	0	0	0	0	6	140	0	0	146	227
3:45 PM	4	0	9	0	13	0	47	1	0	48	0	0	0	0	0	10	118	0	0	128	189
Hourly Total	26	0	50	0	76	0	211	9	1	221	0	0	0	0	0	30	483	0	0	513	810
4:00 PM	3	0	7	0	10	0	52	1	0	53	0	0	0	0	0	8	93	0	0	101	164
4:15 PM	9	0	8	0	17	0	65	2	0	67	0	0	0	0	0	7	122	0	0	129	213
4:30 PM	13	0	19	0	32	0	66	1	0	67	0	0	0	0	0	3	114	0	0	117	216
4:45 PM	8	0	17	0	25	0	78	3	0	81	0	0	0	0	0	6	92	0	0	98	204
Hourly Total	33	0	51	0	84	0	261	7	0	268	0	0	0	0	0	24	421	0	0	445	797
5:00 PM	11	0	20	0	31	0	76	2	0	78	0	0	0	0	0	6	122	0	0	128	237
5:15 PM	17	0	19	0	36	0	77	0	0	77	0	0	0	0	0	7	123	0	0	130	243
5:30 PM	18	0	12	0	30	0	108	2	0	110	0	0	0	0	0	6	123	0	0	129	269
5:45 PM	20	0	15	0	35	0	95	0	0	95	0	0	0	0	0	8	126	0	0	134	264
Hourly Total	66	0	66	0	132	0	356	4	0	360	0	0	0	0	0	27	494	0	0	521	1013
6:00 PM	18	0	14	0	32	0	79	0	0	79	0	0	0	0	0	5	146	0	0	151	262
6:15 PM	3	0	21	0	24	0	82	2	0	84	0	0	0	0	0	3	124	0	0	127	235
6:30 PM	2	0	15	0	17	0	66	1	0	67	0	0	0	0	0	3	132	0	0	135	219
6:45 PM	5	0	6	0	11	0	56	0	0	56	0	0	0	0	0	5	147	0	0	152	219
Hourly Total	28	0	56	0	84	0	283	3	0	286	0	0	0	0	0	16	549	0	0	565	935
7:00 PM	0	0	3	0	3	0	58	1	0	59	0	0	0	0	0	4	97	0	0	101	163
7:15 PM	2	0	5	0	7	0	49	0	0	49	0	0	0	0	0	6	104	0	0	110	166
7:30 PM	1	0	3	0	4	0	36	1	0	37	0	0	0	0	0	5	78	0	0	83	124
7:45 PM	0	0	4	0	4	0	34	1	0	35	0	0	0	0	0	1	77	0	0	78	117
Hourly Total	3	0	15	0	18	0	177	3	0	180	0	0	0	0	0	16	356	0	0	372	570
8:00 PM	1	0	2	0	3	0	38	1	0	39	0	0	0	0	0	1	76	0	0	77	119
8:15 PM	2	0	4	0	6	0	28	0	0	28	0	0	0	0	0	4	74	0	0	78	112
8:30 PM	0	0	2	0	2	0	26	0	0	26	0	0	0	0	0	3	56	0	0	59	87
8:45 PM	1	0	3	0	4	0	19	0	0	19	0	0	0	0	0	9	48	0	0	57	80
Hourly Total	4	0	11	0	15	0	111	1	0	112	0	0	0	0	0	17	254	0	0	271	398
9:00 PM	0	0	2	0	2	0	32	0	0	32	0	0	0	0	0	4	49	0	0	53	87
9:15 PM	0	0	1	0	1	0	20	0	0	20	0	0	0	0	0	1	53	0	0	54	75
9:30 PM	0	0	2	0	2	0	17	0	0	17	0	0	0	0	0	5	33	0	0	38	57
9:45 PM	1	0	1	0	2	0	11	0	0	11	0	0	0	0	0	5	48	0	0	53	66
Hourly Total	1	0	6	0	7	0	80	0	0	80	0	0	0	0	0	15	183	0	0	198	285
10:00 PM	0	0	1	0	1	0	13	0	0	13	0	0	0	0	0	2	36	0	0	38	52
10:15 PM	0	0	0	0	0	0	10	1	0	11	0	0	0	0	0	1	23	0	0	24	35
10:30 PM	0	0	0	0	0	0	17	0	0	17	0	0	0	0	0	1	24	0	0	25	42
10:45 PM	0	0	1	0	1	0	6	0	0	6	0	0	0	0	0	3	18	0	0	21	28
Hourly Total	0	0	2	0	2	0	46	1	0	47	0	0	0	0	0	7	101	0	0	108	157
11:00 PM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	12	0	0	12	17
11:15 PM	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	3	16	0	0	19	25
11:30 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	1	14	0	0	15	17
11:45 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	14	0	0	14	17
Hourly Total	0	0	0	0	0	0	16	0	0	16	0	0	0	0	0	4	56	0	0	60	76
Grand Total	203	0	589	0	792	0	5047	129	2	5178	0	0	0	0	0	467	4850	0	0	5317	11287
Approach %	25.6	0.0	74.4	0.0	-	0.0	97.5	2.5	0.0	-	0.0	0.0	0.0	0.0	-	8.8	91.2	0.0	0.0	-	-
Total %	1.8	0.0	5.2	0.0	7.0	0.0	44.7	1.1	0.0	45.9	0.0	0.0	0.0	0.0	0.0	4.1	43.0	0.0	0.0	47.1	-
Lights	197	0	566	0	763	0	4931	123	2	5056	0	0	0	0	0	452	4735	0	0	5187	11006
% Lights	97.0	-	96.1	-	96.3	-	97.7	95.3	100.0	97.6	-	-	-	-	-	96.8	97.6	-	-	97.6	97.5
Mediums	6	0	21	0	27	0	94	6	0	100	0	0	0	0	0	13	91	0	0	104	231
% Mediums	3.0	-	3.6	-	3.4	-	1.9	4.7	0.0	1.9	-	-	-	-	-	2.8	1.9	-	-	2.0	2.0
Articulated Trucks	0	0	2	0	2	0	22	0	0	22	0	0	0	0	0	2	24	0	0	26	50
% Articulated Trucks	0.0	-	0.3	-	0.3	-	0.4	0.0	0.0	0.4	-	-	-	-	-	0.4	0.5	-	-	0.5	0.4

GRAM Traffic NTX Inc.

1120 W. Lovers Lane

Arlington, Texas, United States 76013
817.265.8968

Count Name: WINNINGKOFF
RD @ LUCAS RD
Site Code:
Start Date: 03/03/2020
Page No: 3



Turning Movement Data Plot

GRAM Traffic NTX Inc.

1120 W. Lovers Lane

Arlington, Texas, United States 76013
817.265.8968

Count Name: WINNINGKOFF
RD @ LUCAS RD
Site Code:
Start Date: 03/03/2020
Page No: 4

Turning Movement Peak Hour Data (7:00 AM)

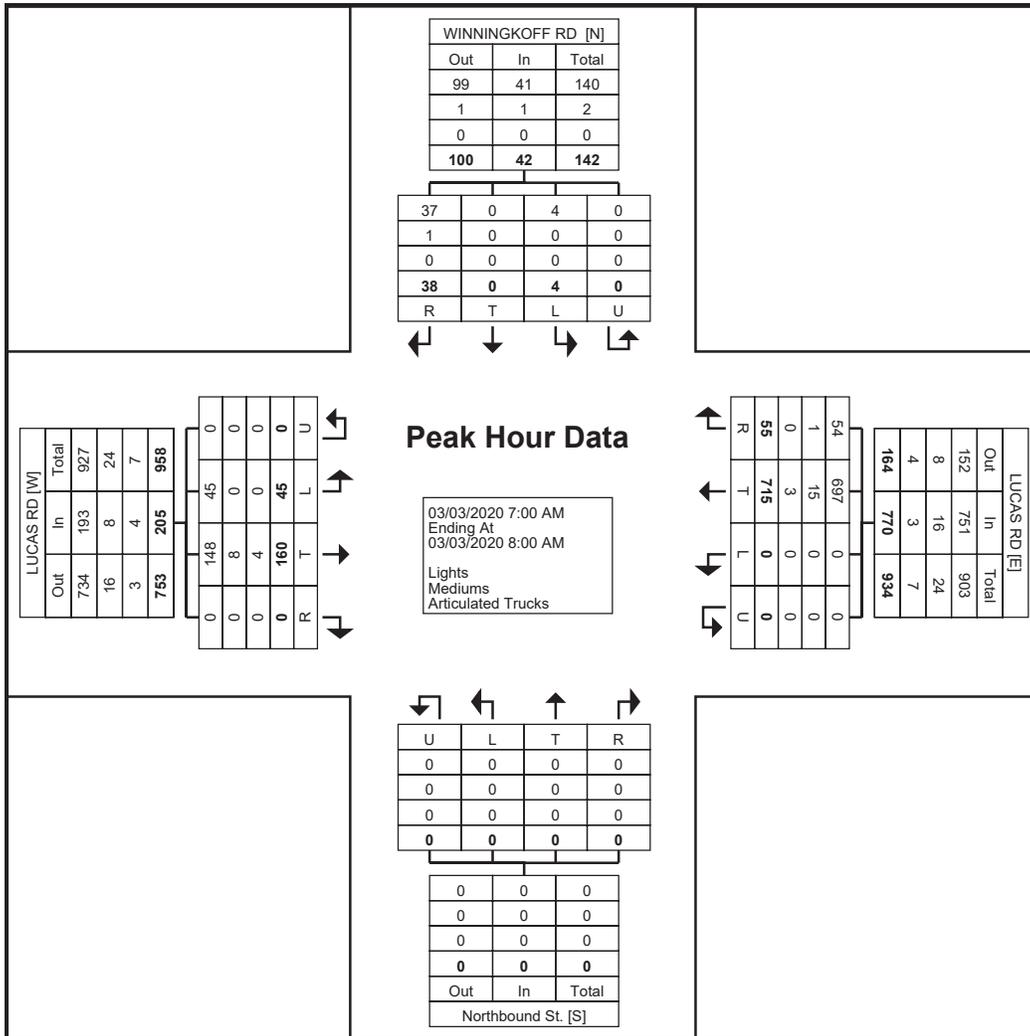
Start Time	WINNINGKOFF RD Southbound					LUCAS RD Westbound					Northbound St. Northbound					LUCAS RD Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
7:00 AM	0	0	9	0	9	0	198	3	0	201	0	0	0	0	0	7	35	0	0	42	252
7:15 AM	1	0	9	0	10	0	181	20	0	201	0	0	0	0	0	15	40	0	0	55	266
7:30 AM	2	0	12	0	14	0	167	19	0	186	0	0	0	0	0	6	41	0	0	47	247
7:45 AM	1	0	8	0	9	0	169	13	0	182	0	0	0	0	0	17	44	0	0	61	252
Total	4	0	38	0	42	0	715	55	0	770	0	0	0	0	0	45	160	0	0	205	1017
Approach %	9.5	0.0	90.5	0.0	-	0.0	92.9	7.1	0.0	-	0.0	0.0	0.0	0.0	-	22.0	78.0	0.0	0.0	-	-
Total %	0.4	0.0	3.7	0.0	4.1	0.0	70.3	5.4	0.0	75.7	0.0	0.0	0.0	0.0	0.0	4.4	15.7	0.0	0.0	20.2	-
PHF	0.500	0.000	0.792	0.000	0.750	0.000	0.903	0.688	0.000	0.958	0.000	0.000	0.000	0.000	0.000	0.662	0.909	0.000	0.000	0.840	0.956
Lights	4	0	37	0	41	0	697	54	0	751	0	0	0	0	0	45	148	0	0	193	985
% Lights	100.0	-	97.4	-	97.6	-	97.5	98.2	-	97.5	-	-	-	-	-	100.0	92.5	-	-	94.1	96.9
Mediums	0	0	1	0	1	0	15	1	0	16	0	0	0	0	0	0	8	0	0	8	25
% Mediums	0.0	-	2.6	-	2.4	-	2.1	1.8	-	2.1	-	-	-	-	-	0.0	5.0	-	-	3.9	2.5
Articulated Trucks	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	7
% Articulated Trucks	0.0	-	0.0	-	0.0	-	0.4	0.0	-	0.4	-	-	-	-	-	0.0	2.5	-	-	2.0	0.7

GRAM Traffic NTX Inc.

1120 W. Lovers Lane

Arlington, Texas, United States 76013
817.265.8968

Count Name: WINNINGKOFF
RD @ LUCAS RD
Site Code:
Start Date: 03/03/2020
Page No: 5



Turning Movement Peak Hour Data Plot (7:00 AM)

GRAM Traffic NTX Inc.

1120 W. Lovers Lane

Arlington, Texas, United States 76013
817.265.8968

Count Name: WINNINGKOFF
RD @ LUCAS RD
Site Code:
Start Date: 03/03/2020
Page No: 6

Turning Movement Peak Hour Data (5:15 PM)

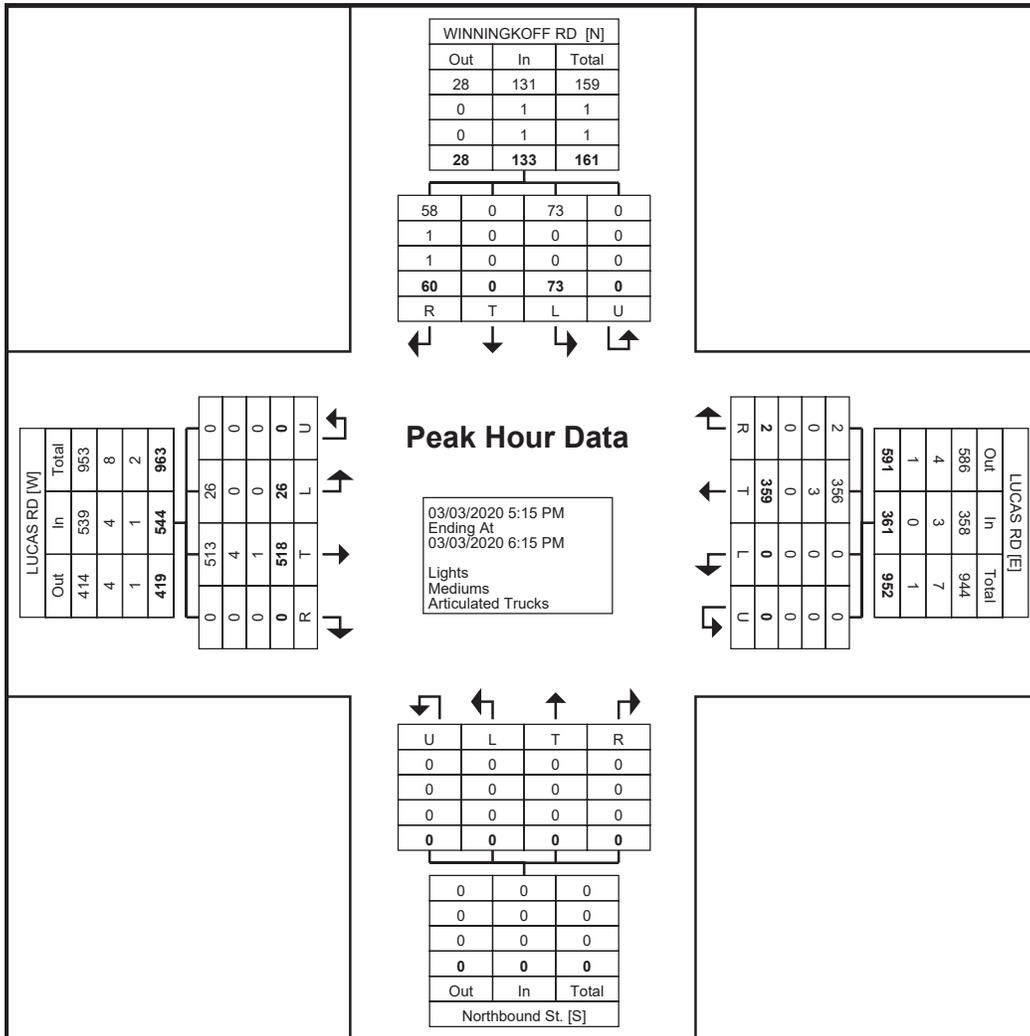
Start Time	WINNINGKOFF RD Southbound					LUCAS RD Westbound					Northbound St. Northbound					LUCAS RD Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
5:15 PM	17	0	19	0	36	0	77	0	0	77	0	0	0	0	0	7	123	0	0	130	243
5:30 PM	18	0	12	0	30	0	108	2	0	110	0	0	0	0	0	6	123	0	0	129	269
5:45 PM	20	0	15	0	35	0	95	0	0	95	0	0	0	0	0	8	126	0	0	134	264
6:00 PM	18	0	14	0	32	0	79	0	0	79	0	0	0	0	0	5	146	0	0	151	262
Total	73	0	60	0	133	0	359	2	0	361	0	0	0	0	0	26	518	0	0	544	1038
Approach %	54.9	0.0	45.1	0.0	-	0.0	99.4	0.6	0.0	-	0.0	0.0	0.0	0.0	-	4.8	95.2	0.0	0.0	-	-
Total %	7.0	0.0	5.8	0.0	12.8	0.0	34.6	0.2	0.0	34.8	0.0	0.0	0.0	0.0	0.0	2.5	49.9	0.0	0.0	52.4	-
PHF	0.913	0.000	0.789	0.000	0.924	0.000	0.831	0.250	0.000	0.820	0.000	0.000	0.000	0.000	0.000	0.813	0.887	0.000	0.000	0.901	0.965
Lights	73	0	58	0	131	0	356	2	0	358	0	0	0	0	0	26	513	0	0	539	1028
% Lights	100.0	-	96.7	-	98.5	-	99.2	100.0	-	99.2	-	-	-	-	-	100.0	99.0	-	-	99.1	99.0
Mediums	0	0	1	0	1	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	8
% Mediums	0.0	-	1.7	-	0.8	-	0.8	0.0	-	0.8	-	-	-	-	-	0.0	0.8	-	-	0.7	0.8
Articulated Trucks	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
% Articulated Trucks	0.0	-	1.7	-	0.8	-	0.0	0.0	-	0.0	-	-	-	-	-	0.0	0.2	-	-	0.2	0.2

GRAM Traffic NTX Inc.

1120 W. Lovers Lane

Arlington, Texas, United States 76013
817.265.8968

Count Name: WINNINGKOFF
RD @ LUCAS RD
Site Code:
Start Date: 03/03/2020
Page No: 7



Turning Movement Peak Hour Data Plot (5:15 PM)

GRAM Traffic North Texas, Inc.

1120 W Lovett
 1120 W Lovett Lane
 Arlington, TX 76013
 Site Code:
 Station ID:

Latitude: 0' 0.0000 South

EB	Start Time	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	75	76	999	Total	85th Percent	95th Percent			
	03/03/20	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	*		
	01:00	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	*		
	02:00	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	*		
	03:00	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	*			
	04:00	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	33	34	*			
	05:00	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	36	38	*			
	06:00	0	1	0	3	0	6	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	33	36	*			
	07:00	0	1	0	8	0	48	0	29	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	91	33	35	*			
	08:00	3	0	0	9	0	32	0	22	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	33	34	*			
	09:00	0	0	0	1	0	16	0	20	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	34	36	*			
	10:00	0	0	0	4	0	17	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	33	37	*			
	11:00	1	1	0	5	0	9	0	7	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	26	34	39	*			
	12 PM	0	2	0	5	0	10	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	33	34	*			
	13:00	0	0	0	2	0	10	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	33	34	*			
	14:00	3	2	0	2	0	9	0	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	33	34	*			
	15:00	0	2	0	5	0	14	0	12	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	34	38	*			
	16:00	1	1	0	3	0	11	0	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	34	37	*			
	17:00	0	0	0	7	0	18	0	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	32	34	*			
	18:00	0	1	0	4	0	16	0	9	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	40	*			
	19:00	0	0	0	0	0	10	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	34	37	*			
	20:00	0	0	0	0	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	33	34	*			
	21:00	0	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	33	34	*			
	22:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	24	24	*			
	23:00	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	*		
	Total	8	11	61	234	180	26	5	26	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	525						
	Percent	1.5%	2.1%	11.6%	44.6%	34.3%	5.0%	1.0%	5.0%	1.0%	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%	0.0%	0.0%	0.0%	0.0%	0.0%		
	AM Peak	08:00	06:00	08:00	07:00	07:00	07:00	10:00	07:00	07:00	10:00	07:00	10:00	10:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	
	Vol.	3	1	9	48	29	5	1	29	5	1	5	1	1	5	1	5	1	5	1	5	1	5	1	5	1	5	1	91					
	PM Peak	14:00	12:00	17:00	17:00	12:00	16:00	18:00	12:00	16:00	18:00	16:00	18:00	18:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	
	Total	8	11	61	234	180	26	5	26	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	525					
	Percent	1.5%	2.1%	11.6%	44.6%	34.3%	5.0%	1.0%	5.0%	1.0%	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%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Stats	10 MPH Pace Speed :	26-35 MPH
Number in Pace :	414	
Percent in Pace :	78.9%	
Number of Vehicles > 55 MPH :	0	
Percent of Vehicles > 55 MPH :	0.0%	
Mean Speed(Average) :	29 MPH	

GRAM Traffic North Texas, Inc.

1120 W Lovett
 1120 W Lovett Lane
 Arlington, TX 76013
 Site Code:
 Station ID:

Latitude: 0' 0.0000 South

WB	Start Time	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	75	76	85th Percent	95th Percent			
	03/03/20	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	34	34		
	01:00	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	*	*	
	02:00	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	*	*	
	03:00	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	*	*	
	04:00	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	*	*	
	05:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
	06:00	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	29	29	29	29	
	07:00	0	1	6	16	3	16	3	3	3	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	27	29	34	34	34	
	08:00	0	1	9	26	8	26	8	8	8	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	31	34	34	34	
	09:00	0	0	2	9	7	9	7	7	7	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	34	37	37	37	
	10:00	0	0	4	8	7	8	7	7	7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	33	35	35	35	
	11:00	1	1	1	8	10	8	10	10	10	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	24	34	39	39	39	
	12 PM	1	0	1	8	9	8	9	9	9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	33	35	35	35	
	13:00	0	1	6	12	12	12	12	12	12	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	33	34	34	34	
	14:00	1	0	6	13	8	13	8	8	8	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	30	33	37	37	37	
	15:00	0	2	13	31	15	31	15	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	31	33	33	33	
	16:00	1	0	9	43	20	43	20	20	20	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78	33	36	36	36	
	17:00	0	3	18	54	34	54	34	34	34	4	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	115	33	35	35	35	
	18:00	0	1	8	36	18	36	18	18	18	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	66	33	34	34	34	
	19:00	0	1	3	22	9	22	9	9	9	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	33	35	35	35	
	20:00	0	0	1	10	4	10	4	4	4	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	18	35	40	40	40	
	21:00	0	0	1	7	6	7	6	6	6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	15	33	46	46	46	
	22:00	0	0	2	3	2	3	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	32	34	34	34	
	23:00	0	0	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	32	34	34	34	
	Total	4	11	92	314	176	314	176	176	176	24	24	7	7	1	1	0	0	0	0	0	0	0	0	0	0	629	629	629	629	629	
	Percent	0.6%	1.7%	14.6%	49.9%	28.0%	49.9%	28.0%	28.0%	28.0%	3.8%	3.8%	1.1%	1.1%	0.2%	0.2%	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%	
	AM Peak	11:00	07:00	08:00	08:00	08:00	08:00	08:00	11:00	11:00	09:00	09:00	07:00	07:00														08:00	08:00	08:00	08:00	08:00
	Vol.	1	1	9	26	10	26	10	10	10	2	2	1	1														45	45	45	45	45
	PM Peak	12:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	16:00	16:00	17:00	17:00	21:00	21:00												17:00	17:00	17:00	17:00	17:00
	Vol.	1	3	18	54	34	54	34	34	34	5	5	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	115	115	115	115	115
	Total	4	11	92	314	176	314	176	176	176	24	24	7	7	1	1	0	0	0	0	0	0	0	0	0	0	629	629	629	629	629	629
	Percent	0.6%	1.7%	14.6%	49.9%	28.0%	49.9%	28.0%	28.0%	28.0%	3.8%	3.8%	1.1%	1.1%	0.2%	0.2%	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%

Stats	10 MPH Pace Speed :	26-35 MPH
Number in Pace	490	
Percent in Pace	77.9%	
Number of Vehicles > 55 MPH :	0	
Percent of Vehicles > 55 MPH :	0.0%	
Mean Speed(Average) :	29 MPH	

GRAM Traffic North Texas, Inc.

1120 W Lovett
 1120 W Lovett Lane
 The Woodlands, TX 77380
 Site Code: 1120
 Station ID: 1120

Latitude: 0' 0.0000 South

EB, WB	1	16	21	26	31	36	41	46	51	56	61	66	71	76	81	85th	95th
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	799	Total	Percent	Percent
03/03/20	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	34	34
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
04:00	0	0	1	0	2	0	0	0	0	0	0	0	0	0	3	33	34
05:00	0	0	0	5	0	1	0	0	0	0	0	0	0	0	6	35	38
06:00	0	1	3	11	4	1	0	0	0	0	0	0	0	0	20	32	35
07:00	0	2	14	64	32	5	1	0	0	0	0	0	0	0	118	33	35
08:00	3	1	18	58	30	4	0	0	0	0	0	0	0	0	114	32	34
09:00	0	0	3	25	27	5	0	0	0	0	0	0	0	0	60	34	37
10:00	0	0	8	25	16	2	1	0	0	0	0	0	0	0	52	33	36
11:00	2	2	6	17	17	4	2	0	0	0	0	0	0	0	50	34	39
12 PM	1	2	6	18	24	1	0	0	0	0	0	0	0	0	52	33	34
13:00	0	1	8	22	20	1	0	0	0	0	0	0	0	0	52	33	34
14:00	4	2	8	22	20	2	1	0	0	0	0	0	0	0	59	33	35
15:00	0	4	18	45	27	2	1	0	0	0	0	0	0	0	97	32	34
16:00	2	1	12	54	31	8	0	0	0	0	0	0	0	0	108	33	36
17:00	0	3	25	72	44	5	2	0	0	0	0	0	0	0	151	33	34
18:00	0	2	12	52	27	3	3	0	0	0	0	0	0	0	99	33	36
19:00	0	1	3	32	13	4	0	0	0	0	0	0	0	0	53	33	36
20:00	0	0	1	13	8	2	1	0	0	0	0	0	0	0	25	34	39
21:00	0	0	2	8	8	0	0	1	0	0	0	0	0	0	19	33	45
22:00	0	0	3	3	2	0	0	0	0	0	0	0	0	0	8	32	34
23:00	0	0	2	2	2	0	0	0	0	0	0	0	0	0	6	32	34
Total	12	22	153	548	356	50	12	1	0	0	0	0	0	0	1154		
Percent	1.0%	1.9%	13.3%	47.5%	30.8%	4.3%	1.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	08:00	07:00	07:00	07:00	11:00								07:00		
Vol.	3	2	18	64	32	5	2								118		
PM Peak	14:00	15:00	17:00	17:00	17:00	16:00	18:00	21:00							17:00		
Vol.	4	4	25	72	44	8	3	1							151		
Percent	1.0%	1.9%	13.3%	47.5%	30.8%	4.3%	1.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

Stats	10 MPH Pace Speed :	26-35 MPH
Number in Pace :	904	
Percent in Pace :	78.3%	
Number of Vehicles > 55 MPH :	0	
Percent of Vehicles > 55 MPH :	0.0%	
Mean Speed(Average) :	29 MPH	

GRAM Traffic North Texas, Inc.

1120 W Lovers Lane FOREST VIEW DR WEST OF WINNINGKOFF RD - 24 HR - SPEED W 4 SEC FILTER
 Arlington, TX 76013
 Site Code: 951
 Station ID:

Latitude: 33° 5.7754 North

EB	Start Time	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	75	76	7999	Total	85th Percent	95th Percent	
	03/03/20	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	*	
	01:00	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	*	
	02:00	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	*	
	03:00	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	*	
	04:00	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	*	
	05:00	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	*	
	06:00	0	1	3	3	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	*	
	07:00	0	2	9	9	5	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	08:00	2	5	18	18	9	9	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	09:00	0	2	5	5	4	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	10:00	0	1	2	2	3	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	11:00	0	2	5	5	6	6	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	12 PM	0	0	5	5	5	5	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	13:00	0	4	5	5	4	4	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	14:00	0	3	6	6	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	15:00	0	4	21	21	10	10	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	16:00	2	3	23	23	24	24	3	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	17:00	0	8	35	35	41	41	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	18:00	2	1	20	20	31	31	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	19:00	0	1	5	5	5	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	20:00	0	1	5	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	21:00	0	0	3	3	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	*	
	22:00	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	23:00	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	Total	6	38	172	172	152	152	26	26	26	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	Percent	1.5%	9.6%	43.4%	43.4%	38.4%	38.4%	6.6%	6.6%	6.6%	0.3%	0.3%	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%	*		
	AM Peak	08:00	08:00	08:00	08:00	08:00	08:00	07:00	07:00	07:00																						
	Vol.	2	5	18	18	9	9	1	1	1																						
	PM Peak	16:00	17:00	17:00	17:00	17:00	17:00	18:00	18:00	16:00	16:00	16:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00		
	Vol.	2	8	38	38	41	41	7	7	7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total	6	38	172	172	152	152	26	26	26	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Percent	1.5%	9.6%	43.4%	43.4%	38.4%	38.4%	6.6%	6.6%	6.6%	0.3%	0.3%	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%		

Stats
 10 MPH Pace Speed : 21-30 MPH
 Number in Pace : 324
 Percent in Pace : 81.8%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 25 MPH

GRAM Traffic North Texas, Inc.

1120 W Lovers Lane FOREST VIEW DR WEST OF WINNINGKOFF RD - 24 HR - SPEED W 4 SEC FILTER
 Arlington, TX 76013
 Site Code: 951
 Station ID:

Latitude: 33° 5.7754 North

WB	Start Time	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	75	76	999	Total	85th Percent	95th Percent		
03/03/20		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	*	
01:00		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	*	
02:00		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	*	
03:00		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	*		
04:00		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	
05:00		0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	28	
06:00		1	1	1	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	33
07:00		1	9	13	27	7	1	1	7	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	30	34	
08:00		1	12	12	4	4	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	33	
09:00		0	3	16	4	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	29	
10:00		2	2	4	4	4	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	36	40
11:00		0	2	4	4	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	29	32
12 PM		1	0	7	5	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	28	31
13:00		1	3	4	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	26	28
14:00		4	0	4	4	4	3	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	32	36
15:00		1	2	5	11	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	29	35
16:00		0	1	3	6	2	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	34	38
17:00		0	2	6	4	2	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	33	37
18:00		2	3	6	3	6	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	30	33
19:00		0	0	5	1	2	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	34	37
20:00		0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	32	34
21:00		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	*
22:00		0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	33	34
23:00		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	*	
Total		14	40	95	81	35	10	2	35	10	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	277		*	
Percent		5.1%	14.4%	34.3%	29.2%	12.6%	3.6%	0.7%	12.6%	3.6%	0.7%	0.7%	0.7%	0.7%	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%			
AM Peak		10:00	08:00	09:00	07:00	08:00	10:00	07:00	08:00	10:00	07:00	07:00	07:00	07:00	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%	07:00
Vol.		2	12	16	27	8	2	2	8	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59		
PM Peak		14:00	13:00	12:00	15:00	18:00	16:00	16:00	18:00	16:00	16:00	16:00	16:00	16:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00
Vol.		4	3	7	11	3	2	2	3	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20		
Percent		5.1%	14.4%	34.3%	29.2%	12.6%	3.6%	0.7%	12.6%	3.6%	0.7%	0.7%	0.7%	0.7%	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%	0.0%

Stats	10 MPH Pace Speed :	21-30 MPH
Number in Pace :	176	
Percent in Pace :	63.5%	
Number of Vehicles > 55 MPH :	0	
Percent of Vehicles > 55 MPH :	0.0%	
Mean Speed(Average) :	25 MPH	

GRAM Traffic North Texas, Inc.

1120 W Lovers Lane FOREST VIEW DR WEST OF WINNINGKOFF RD - 24 HR - SPEED W 4 SEC FILTER
 Arlington, TX 76013
 Site Code: 951
 Station ID:

Latitude: 33° 5.7754 North

EB, WB	1	16	21	26	31	36	41	46	51	56	61	66	71	76	81	85th Percent	95th Percent
03/03/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	34
05:00	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	28
06:00	1	2	4	2	1	0	0	0	0	0	0	0	0	0	0	10	32
07:00	1	11	22	32	8	1	1	0	0	0	0	0	0	0	0	76	33
08:00	3	17	30	13	9	0	0	0	0	0	0	0	0	0	0	72	33
09:00	0	5	21	8	2	0	0	0	0	0	0	0	0	0	0	36	30
10:00	2	3	6	7	3	2	1	0	0	0	0	0	0	0	0	24	39
11:00	0	4	9	9	1	0	0	0	0	0	0	0	0	0	0	28	29
12 PM	1	0	12	10	3	0	0	0	0	0	0	0	0	0	0	26	32
13:00	1	7	9	6	2	0	0	0	0	0	0	0	0	0	0	25	31
14:00	4	3	10	5	3	1	0	0	0	0	0	0	0	0	0	30	34
15:00	1	6	26	21	2	1	0	0	0	0	0	0	0	0	0	57	30
16:00	2	4	26	30	5	3	0	0	0	0	0	0	0	0	0	70	34
17:00	0	10	41	45	6	2	0	1	0	0	0	0	0	0	0	105	33
18:00	4	4	26	34	10	0	0	0	0	0	0	0	0	0	0	78	33
19:00	0	1	10	6	3	1	0	0	0	0	0	0	0	0	0	21	34
20:00	0	1	6	2	1	0	0	0	0	0	0	0	0	0	0	10	32
21:00	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	24
22:00	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	4	32
23:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	29
Total	20	78	267	233	61	11	2	1	0	0	0	0	0	0	0	673	
Percent	3.0%	11.6%	39.7%	34.6%	9.1%	1.6%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
AM Peak	08:00	08:00	08:00	07:00	08:00	10:00	07:00										07:00
Vol.	3	17	30	32	9	2	1										76
PM Peak	14:00	17:00	17:00	17:00	18:00	16:00	17:00										17:00
Vol.	4	10	41	45	10	3	1										105
Total	20	78	267	233	61	11	2	1	0	0	0	0	0	0	0	673	
Percent	3.0%	11.6%	39.7%	34.6%	9.1%	1.6%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		

Stats	10 MPH Pace Speed :	21-30 MPH
Number in Pace :	500	
Percent in Pace :	74.3%	
Number of Vehicles > 55 MPH :	0	
Percent of Vehicles > 55 MPH :	0.0%	
Mean Speed(Average) :	25 MPH	

GRAM Traffic North Texas, Inc.

1120 W Lovers Lane WANNINGKOFF RD NORTH OF FOREST VIEW DR - 24 HR - SPEED W 4 SEC FILTER
 Arlington, TX 76013
 Site Code: 907
 Station ID:

Latitude: 0' 0.0000 South

NB	Start Time	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	75	76	799	Total	85th Percent	95th Percent			
03/03/20	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	
01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	34	34	*	
02:00	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	*
03:00	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	*
04:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	34	34	*		
05:00	0	0	0	0	0	0	0	0	3	3	3	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	3	8	4	8	4	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	17	39	45	43	43		
07:00	0	0	0	0	0	0	9	17	10	7	10	10	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	43	40	43	43	43		
08:00	0	0	4	4	0	0	4	14	10	10	10	10	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	34	38	40	40	40		
09:00	0	0	1	1	6	6	9	11	11	11	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	33	34	34	34		
10:00	0	0	0	0	0	0	5	3	3	3	6	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	16	39	45	45	45		
11:00	0	0	1	1	2	2	4	3	3	3	5	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	18	40	43	43	43		
12 PM	0	0	0	0	2	2	3	3	7	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	36	38	38	38		
13:00	0	0	0	0	0	0	3	11	8	11	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	37	39	39	39		
14:00	1	0	0	0	2	2	7	7	7	7	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	21	36	39	39	39		
15:00	0	0	0	0	4	4	5	4	4	4	6	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	22	39	44	44	44		
16:00	0	0	0	0	1	1	2	11	13	11	13	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	28	38	39	39	39		
17:00	0	0	1	1	3	3	2	10	9	10	9	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	29	39	43	43	43		
18:00	0	0	0	0	1	1	4	8	8	8	9	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	24	39	41	41	41		
19:00	0	0	0	0	0	0	0	6	6	6	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	12	39	41	41	41		
20:00	0	0	0	0	0	0	0	3	3	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	38	39	39	39		
21:00	0	0	0	0	0	0	0	4	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	38	39	39	39		
22:00	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	34	34	34	34		
23:00	0	0	0	0	0	0	0	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	37	37	37	37		
Total	1	7	7	22	22	61	61	135	103	103	27	27	27	27	3	3	0	0	0	0	0	0	0	0	0	0	0	359	359	359	359	359	359	
Percent	0.3%	1.9%	1.9%	6.1%	6.1%	17.0%	17.0%	37.6%	28.7%	28.7%	7.5%	7.5%	7.5%	7.5%	0.8%	0.8%	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%	
AM Peak		08:00	09:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	06:00	06:00														07:00	07:00	07:00	07:00	07:00	07:00	
Vol.	4	4	6	6	6	9	9	17	10	10	7	7	7	7	1	1												43	43	43	43	43	43	43
PM Peak	14:00	17:00	15:00	14:00	14:00	13:00	13:00	13:00	16:00	16:00	17:00	17:00	15:00	15:00														17:00	17:00	17:00	17:00	17:00	17:00	
Vol.	1	1	4	4	4	7	7	11	13	13	4	4	4	4	1	1												29	29	29	29	29	29	
Total	1	7	7	22	22	61	61	135	103	103	27	27	27	27	3	3	0	0	0	0	0	0	0	0	0	0	0	359	359	359	359	359	359	
Percent	0.3%	1.9%	1.9%	6.1%	6.1%	17.0%	17.0%	37.6%	28.7%	28.7%	7.5%	7.5%	7.5%	7.5%	0.8%	0.8%	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%	

Stats
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 238
 Percent in Pace : 66.3%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 33 MPH

GRAM Traffic North Texas, Inc.

1120 W Lovers Lane
 1120 W Lovers Lane
 ANNUNCKOFF RD NORTH OF FOREST VIEW DR - 24 HR - SPEED W 4 SEC FILTER
 Arlington, TX 76013
 Site Code: 907
 Station ID:

Latitude: 0' 0.0000 South

SB	Start Time	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	75	76	999	Total	85th Percent	95th Percent	
	03/03/20	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	43	44	
	01:00	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	*	
	02:00	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	*	
	03:00	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	*		
	04:00	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	*		
	05:00	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	54	
	06:00	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	42	
	07:00	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	44
	08:00	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	49
	09:00	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	47
	10:00	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	39
	11:00	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	43
	12 PM	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	30
	13:00	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	44
	14:00	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	43
	15:00	1	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	44
	16:00	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	42
	17:00	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	44
	18:00	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	44
	19:00	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	45
	20:00	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	46
	21:00	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	47
	22:00	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	44
	23:00	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	*
	Total	1	2	4	4	4	37	37	125	142	142	48	48	48	13	13	4	4	1	1	0	0	0	0	0	0	0	0	0	377	*	
	Percent	0.3%	0.5%	1.1%	1.1%	9.8%	9.8%	9.8%	33.2%	37.7%	37.7%	12.7%	12.7%	12.7%	3.4%	3.4%	1.1%	1.1%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	*	
	AM Peak								08:00	08:00	11:00	07:00	07:00	07:00	07:00	07:00	04:00	04:00														11:00
	Vol.	15:00	12:00	14:00	16:00	17:00	17:00	17:00	17:00	17:00	17:00	15:00	15:00	15:00	18:00	18:00	13:00	13:00	13:00	13:00												30
	Vol.	1	1	2	4	7	7	7	16	17	17	7	7	7	2	2	1	1	1	1												42
	Total	1	2	4	4	4	37	37	125	142	142	48	48	48	13	13	4	4	1	1												377
	Percent	0.3%	0.5%	1.1%	1.1%	9.8%	9.8%	9.8%	33.2%	37.7%	37.7%	12.7%	12.7%	12.7%	3.4%	3.4%	1.1%	1.1%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	*

Stats	10 MPH Pace Speed :	31-40 MPH
Number in Pace :	267	
Percent in Pace :	70.8%	
Number of Vehicles > 55 MPH :	1	
Percent of Vehicles > 55 MPH :	0.3%	
Mean Speed(Average) :	36 MPH	

