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June 23, 2020

Mr. Boe Blankenship
Operations Manager – Public Works Department
City of North Richland Hills
7200-A Dick Fisher Drive South
North Richland Hills, TX 76180

RE: *Davis Boulevard (FM 1938) Speed Zoning Study*

Dear Mr. Blankenship:

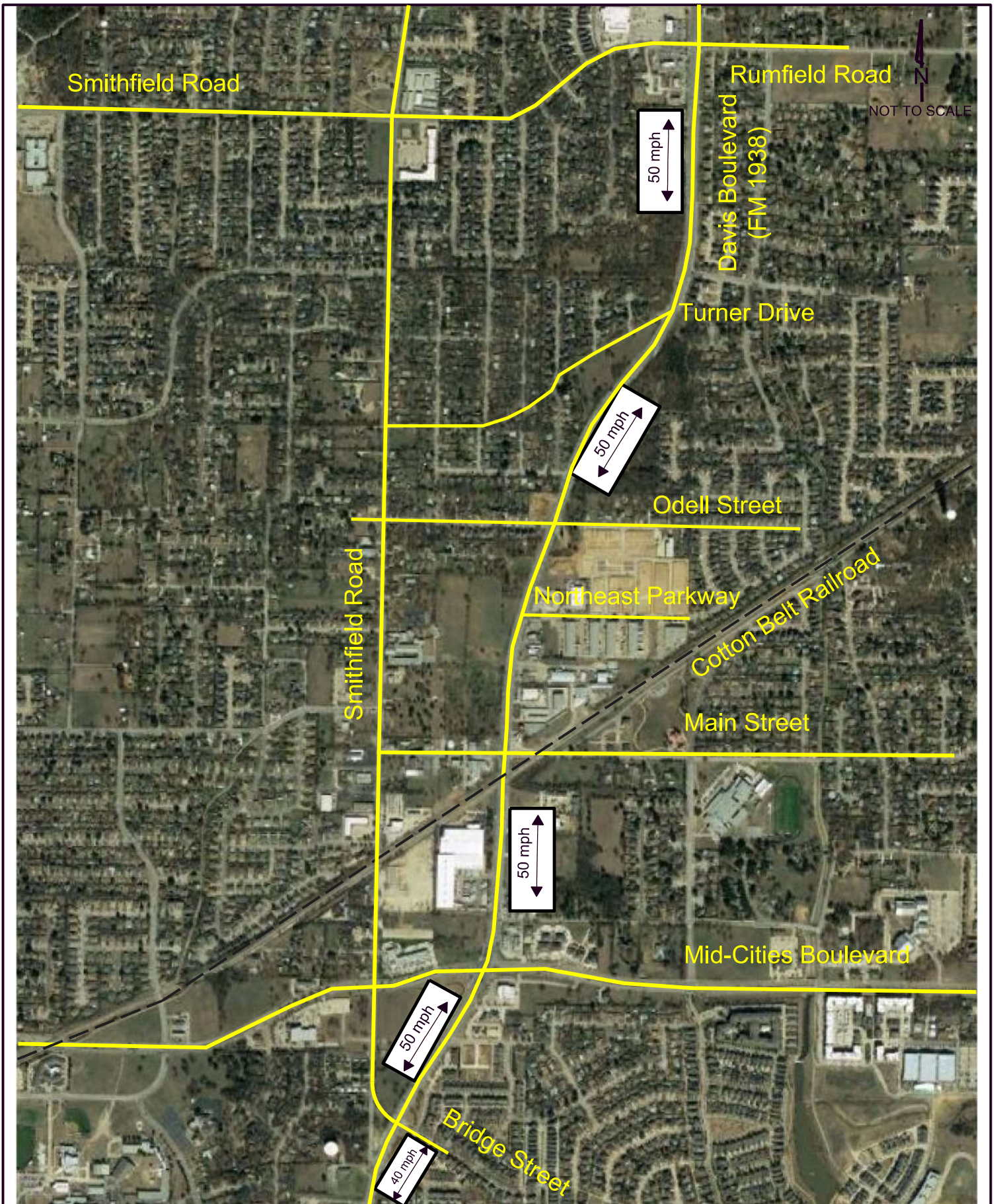
Lee Engineering has completed our analysis of vehicular speeds along Davis Boulevard (FM 1938) between Starnes Road/Rumfield Road and Smithfield Road/Bridge Street. This study is based on vehicular volume and speed data collected on January 30, 2020 and crash data from January 2017 through December 2019. A map of the study area is provided in **Figure 1**. This letter report presents the results of our study.

EXISTING CONDITIONS

Within the study area, Davis Boulevard (FM 1938) is a seven-lane road (six lanes and a continuous center two-way left turn lane) and serves as a major north-south route through the City of North Richland Hills. Davis Boulevard (FM 1938) is designated as a six-lane divided Principal Arterial roadway (P6D-200' ROW) on the City of North Richland Hills *Thoroughfare Plan*. TxDOT's online Statewide Planning Map identifies Davis Boulevard (FM 1938) as a "Principal Arterial – Other" roadway. The existing posted speed limit along Davis Boulevard (FM 1938) is 50 miles per hour north of Smithfield Road/Bridge Street. South of Smithfield Road/Bridge Street, the existing posted speed limit is 40 miles per hour.

EXISTING TRAFFIC VOLUMES

Lee Engineering collected automated traffic volume data using pneumatic tubes on Thursday, January 30, 2020 at two (2) locations on Davis Boulevard (FM 1938) within the study section. The northern data collection location was south of Turner Drive, while the southern data collection location was south of Northeast Parkway. Based on these results, the northern section (south of Turner Drive) had bi-directional daily traffic volumes of 24,391 vehicles. At the southern location (south of Northeast Parkway), 24,943 vehicles were counted for the day. Information from TxDOT's online Statewide Planning Map indicated 2018 daily traffic volumes of 31,355 on Davis Boulevard (FM 1938) at a location between Main Street and Mid Cities Boulevard.



ACCESS CONNECTION DENSITY

Based on field observations and online mapping resources, the number of access connections (public streets and private driveways) were identified for the study section of Davis Boulevard (FM 1938). **Table 1** shows the access connection density within the approximately 1.9 miles of the study area section on Davis Boulevard (FM 1938).

Table 1: Davis Boulevard (FM 1938) Access Connection Density

Access Point On Davis Boulevard (Study Length = approximately 1.9 Miles)	Public Roadway	Driveways		Density Per Mile
		W Side	E Side	
Starnes Road/Rumfield Road	1			22.8
Between Starnes Road/Rumfield Road and Oak Court		2	2	
Oak Court	1			
Between Oak Court and Juniper Drive		0	0	
Juniper Drive	1			
Between Juniper Drive and Elm Court		0	0	
Elm Court	1			
Between Elm Court and Hightower Drive		2	1	
Hightower Drive	1			
Between Hightower Drive and Turner Drive		1 ¹	0	
Turner Drive	1			
Between Turner Drive and Cross Drive		0	3 ¹	
Cross Drive	1			37.1
Between Cross Drive and Odell Street		1	0	
Odell Street	1			
Between Odell Street and Northeast Parkway		0	2 (1 + 1 ¹)	
Northeast Parkway	1			
Between Northeast Parkway and Main Street		5 ^{1,2}	9	
Main Street	1			
Between Main Street and Cardinal Lane		3 ³	7 ³ (6 + 1 ¹)	
Cardinal Lane	1			
Between Cardinal Lane and Mid Cities Boulevard		1 ¹	1	
Mid Cities Boulevard	1			
Between Mid Cities Boulevard and Newman Drive		1	1	
Newman Drive	1			
Between Newman Drive and Smithfield Road/Bridge Street		0	1	
Smithfield Road/Bridge Street	1			
Total	14	16	27	-
Density per mile	30.0			

¹ Curb cuts to undeveloped property

² Does not include future western leg at Northeast Parkway intersection

³ TEXRail crossing + Cotton Belt Trail crossing not included in access connection numbers

The data presented in Table 1 indicates that in the 1.9-mile study area, there are a total of 14 public roadway intersections and 43 driveway intersections. Additionally, between Main Street and Cardinal Lane, there is both a railroad crossing that serves the new TEXRail commuter rail line and a trail crossing (south of the railroad) for the existing Cotton Belt Trail.

The data also indicates that the southern section of the study area (Odell Street to the south) which is a mixture of commercial, industrial and residential developments, (approximately 1.0 mile in length) has a higher access connection density (37.1 access points/mile) than the mostly residential section north of Odell Street (22.8 access points/mile), which has a section length of approximately 0.9 mile. For the section south of Odell Street, a large concentration of vehicular access connections occurs between Northeast Parkway and Cardinal Lane, in addition to the TEXRail crossing and Cotton Belt Trail crossing between Main Street and Cardinal Lane. An existing 35 mph school speed zone also exists for approximately 1,375 feet near Main Street (625 feet north of Main Street to 750 feet south of Main Street).

24-HOUR AUTOMATED SPEED DATA

Lee Engineering collected automated speed data using pneumatic tubes on Thursday, January 30, 2020 at the two (2) locations on Davis Boulevard (FM 1938) within the study section where traffic volume data was collected. The northern location (south of Turner Drive) is located approximately ¼ mile south of the signalized intersection of Starnes Road/Rumfield Road. The southern location (south of Northeast Parkway) is located approximately ½ mile south of the northern location and approximately 0.2 mile north of the signalized Main Street intersection.

Speed data was gathered over a 24-hour period and then filtered to eliminate vehicles traveling less than four (4) seconds apart in order to better represent free-flowing vehicles, in addition to eliminating heavy vehicles and buses. The resulting 85th percentile speed data for the two (2) locations on Davis Boulevard are presented graphically in **Figure 2** and **Figure 3**. **Figure 4** shows the approximate location of where the speed data was collected and summarizes the resulting 85th percentile speeds.

The 35 mph school zone on Davis Boulevard north and south of Main Street operates between 8:00 AM and 9:00 AM and between 3:30 PM and 4:15 PM. In addition to the time the school zones were operational, the 15 minutes of speed data before and after the school zone times were also removed to eliminate any possible impacts of the school speed zone. Since an entire hour's worth of data between 8:00 AM and 9:00 AM was filtered, there are gaps in these figures for that time period.

The four-second headway filtered automated speed data is summarized in **Table 2**.

Table 2: 24-Hour Automated Speed Data Summary

Direction	Location	Total Vehicles ¹	15 th Percentile	50 th Percentile	85 th Percentile	10 MPH Pace
NB	South of Turner Drive	3,560	45	50	55	46 – 55
SB		3,855	44	50	55	46 – 55
NB	South of Northeast Parkway	3,343	35	46	52	46 – 55
SB		4,268	40	47	53	46 – 55

¹ Trucks and buses were filtered

The speed data illustrates that motorists along this roadway are traveling faster than the posted speed limit, with the 85th percentile speed between 52 and 55 mph at the locations speed data was collected. The results also indicate that the 85th percentile speeds at the southern location were approximately 2-3 mph lower than the northern location. Additionally, the “10 mph pace” for both locations were the same in the northbound and southbound direction.

Figure 2: Filtered 85th Percentile Speed Data (Northern Location - South of Turner Drive)

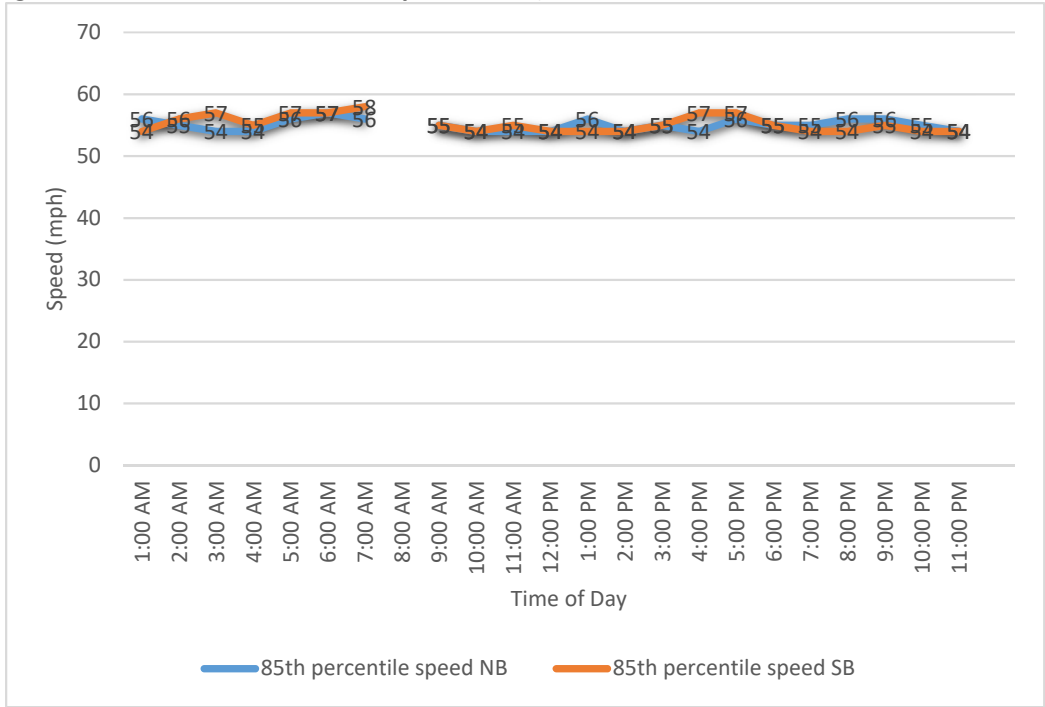
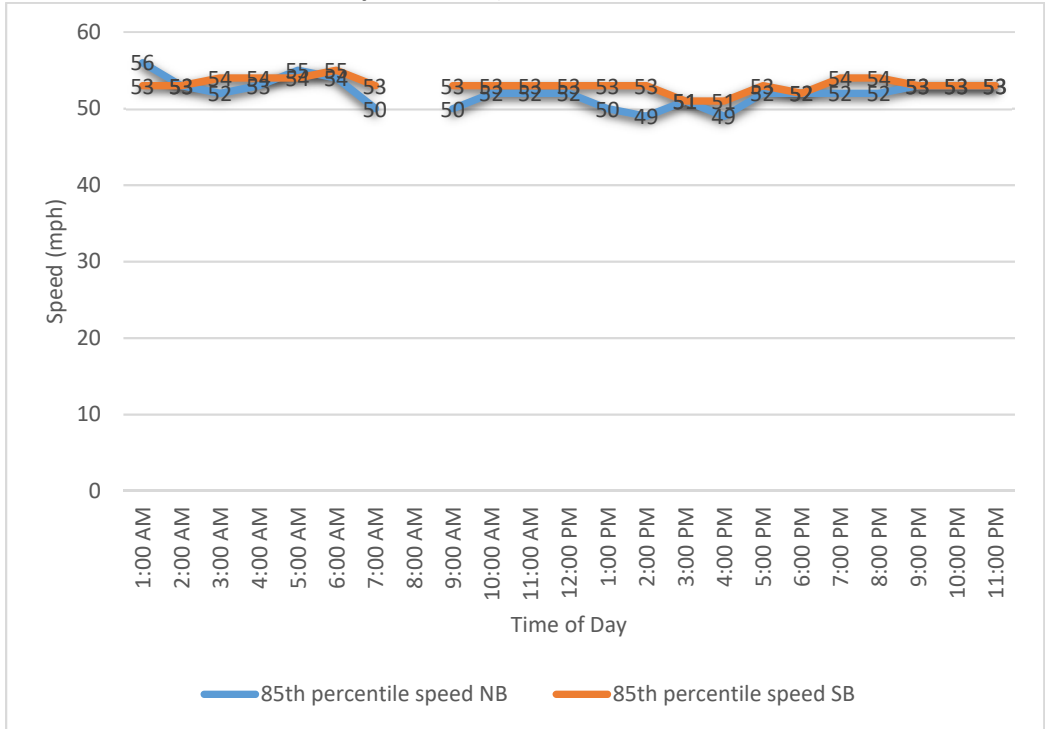
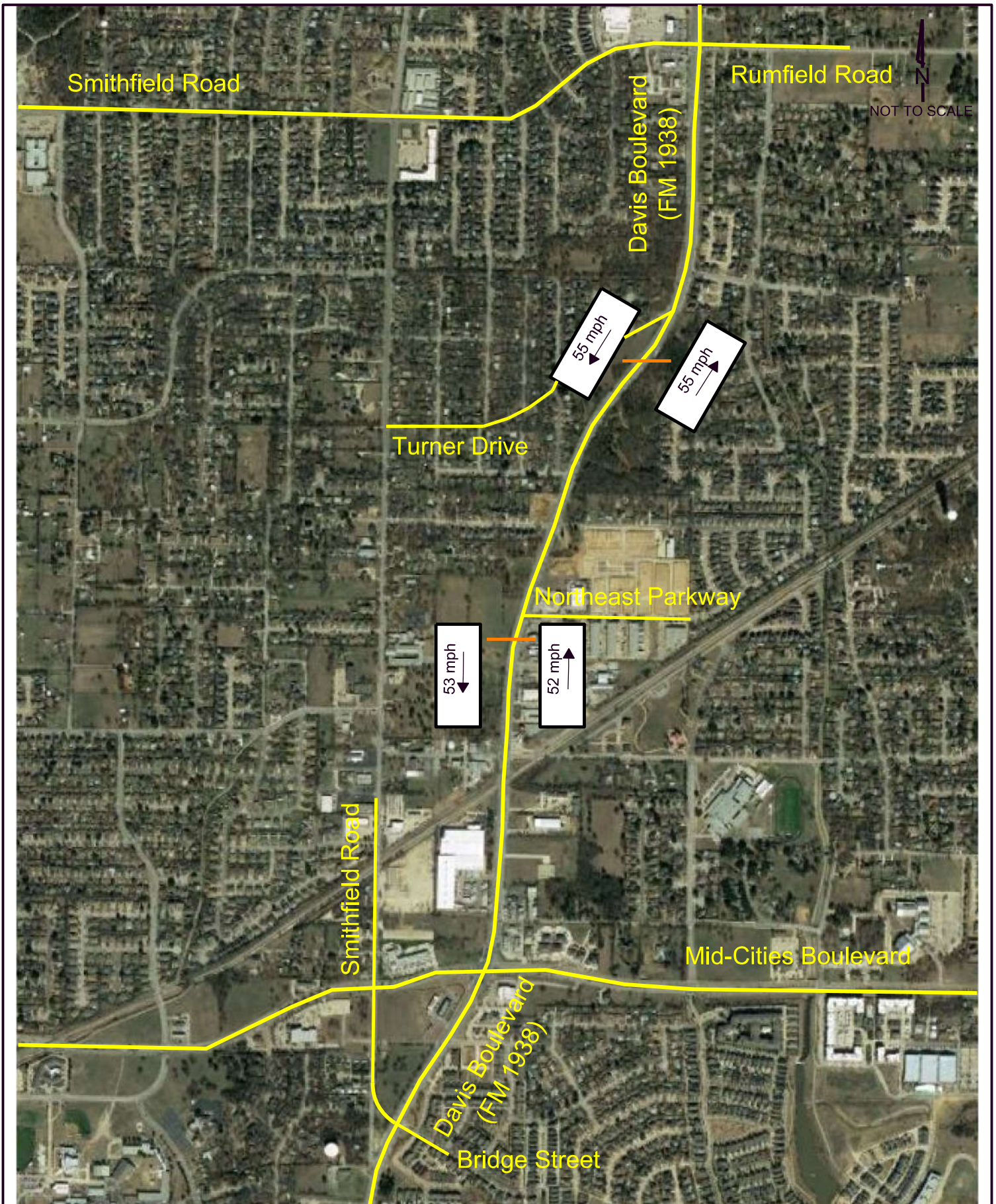


Figure 3: Filtered 85th Percentile Speed Data (Southern Location - South of Northeast Parkway)





CRASH DATA

Historical crash data for the study section of Davis Boulevard (Starnes Road/Rumfield Road to Smithfield Road/Bridge Street) was obtained from the City of North Richland Hills Police Department from January 2017 through December 2019. A total of 87 crashes occurred on this section of Davis Boulevard (FM 1938) in the 3-year period, with more than 75% of these crashes occurring in the southern section of the corridor, between Odell Street and Smithfield Road/Bridge Street. Using traffic volume count data collected as part of this study, the crash rate for Davis Boulevard (FM 1938) for the entire section and by the northern and southern sections were calculated and are summarized in **Table 3**.

Table 3: Crash Data Summary

Segment	Segment Length	24-Hour Volume	3 Year Crashes (1/2017 – 12/2019)	Crash Rate ¹
Between Starnes Road/Rumfield Road and Smithfield Road/Bridge Street	1.9 miles	24,667 ²	87	169.53
Between Starnes Road/Rumfield Road and Odell Street	0.9 mile	24,391	19	79.04
Between Odell Street and Smithfield Road/Bridge Street	1.0 mile	24,943	68	248.97

¹ Crashes per hundred million vehicle miles

² Average of two count locations

The only fatality crash in the study area in this 3-year period occurred in the northern section of the study area (north of Cross Street) in 2019 was a result of a head-on collision.

The 2018 statewide average crash rate (by Highway system) for urban Farm-to-Market (FM) roads was 225.28 crashes per 100 million vehicle miles. The 2018 statewide average crash rate (by Roadway Type) for four or more lanes in an urban area on a divided roadway was 158.28 crashes per 100 million vehicle miles, with the statewide average crash rate of 283.09 crashes per 100 million vehicle miles for four or more lanes in an urban area on an undivided roadway. A summary of these crash rates is provided as an attachment to this letter.

Comparisons of the crash rate for these sections of Davis Boulevard (FM 1938) to the 2018 statewide average crash rates is summarized in **Table 4**. Highlighted cells indicate conditions where the crash rate for a segment is higher than the statewide crash rate.

Table 4: Comparison to Statewide Crash Data

Crash Rate ¹					Comparison to Statewide Crash Rates		
Texas FM (Urban)	Texas (4+ Lanes)		Segment		FM (Urban)	4+ Lanes	
	Divided	Undivided				Divided	Undivided
225.28	158.28	283.09	Between Starnes Rd/Rumfield Rd and Smithfield Rd/Bridge St	169.53	0.75	1.07	0.60
			Between Starnes Rd/Rumfield Rd and Odell Street	79.04	0.35	0.50	0.28
			Between Odell Street and Smithfield Rd/Bridge St	248.97	1.11	1.57	0.88

¹ Crashes per hundred million vehicle miles

Without a raised median dividing the opposing flows of traffic on Davis Boulevard (FM 1938), but with a center two-way left turn lane provided, the crash rate on Davis Boulevard (FM 1938) was compared to both undivided and divided roadways, since the center two-way left turn lane serves as a buffer between opposing flows of traffic. Based on this data, the southern section of Davis Boulevard (FM 1938) experienced higher crash rates when compared to roadways with similar characteristics in Texas for the Highway System type (Farm-to-Market) and Road Type (4 or more lanes, divided).

RECOMMENDATIONS

TxDOT's *Procedures for Establishing Speed Zones* indicates that the "final speed limit may be lowered or raised by as much as 5 miles per hour from the 85th percentile speed." Additional reductions of greater than 5 mph (potentially up to 12 mph) are allowed for sections where the crash rate is greater than the statewide average crash rate for similar type of roadways, sections with light traffic volumes, narrow roadway pavement widths, possible limited sight distance caused by horizontal and vertical curves or hidden driveways and other developments, high driveway density, lack of striped, improved shoulders and located in rural residential or developed areas.

This study indicates that the 85th percentile speed of between 52 and 55 mph for motorists traveling on this section of Davis Boulevard (FM 1938). The current posted speed limit (50 mph) is within 5 mph of the 85th percentile speeds at the locations measured in this study.

The additional data obtained as part of this study was used in consideration of potential modifications to the posted speed limit. The crash rate for the entire 1.9-mile study section of Davis Boulevard (FM 1938) is approximately 1.07 times greater than that of divided roadways with 4 or more lanes in Texas. The crash rate for the southern section of Davis Boulevard (FM 1938), between Odell Street and Smithfield Road/Bridge Street, is 1.11 to 1.57 times greater than that of similar types of roadways in Texas. As a seven-lane roadway section with a center two-way left turn lane separating the northbound and southbound flows of traffic, Davis Boulevard (FM 1938) was compared to both average statewide crash rates for divided and undivided roadways. Since the crash rate for the southern section of this study area is higher than the statewide average crash rate for similar roadways, the posted speed limit could be further reduced from the 85th percentile speeds measured in the field.

While TxDOT's *Procedures for Establishing Speed Zones* manual indicates that high driveway density could result in further reduction in the posted speed limit of a roadway, the definition of what constitutes "high" is not specifically indicated. Assuming connections meeting TxDOT's minimum access connection spacing of 425 feet for a 1.9-mile roadway section with a posted speed limit of 50 mph or greater, this results in an average access connection density of approximately 12.4 connections/mile on each side of a roadway, or 24.8 connections/mile for both sides of a roadway. As a result, the average connection spacing density for a 50 mph roadway was assumed to be 24.8 connections/mile in this study. The access connection density for the entire 1.9-mile study section of Davis Boulevard (FM 1938) was calculated to be 30 access connections per mile, which is slightly above the average connection spacing identified above. However, the section of Davis Boulevard (FM 1938) from Odell Street to the south has a significantly higher density of access connections (37.1 connections/mile) than the section north of Odell Street (22.8 connections/mile). The southern section is also considerably higher than the average access connection density identified above for a 50 mph roadway (24.8 connections/mile). In addition to the higher density, the approximate 1.0-mile section south of Odell Street also includes the new TEXRail crossing, which increases the frequency of trains crossing Davis Boulevard (FM 1938), a mid-block Cotton Belt Trail crossing, and three (3) signalized intersections within a ¾ mile section of roadway. The number of access connection and traffic signals within

this section will also increase with the future construction of a fourth (western) leg and potential installation of a traffic signal at the Northeast Parkway intersection.

Based on the data collected and results of this study, it is recommended that the posted speed limit within the northern section of this study (north of Odell Street) remain at 50 mph. For the section of Davis Boulevard (FM 1938) between a point north of Odell Street and Smithfield Road/Bridge Street, it is recommended that the posted speed limit be reduced to 45 mph, primarily as result of the crash rate and access density within this section. The break point of the 45/50 mph speed zone is recommended to occur north of Odell Street as motorists approach/depart the southern roadway section with the higher intensity of access connections. This 45 mph section will also serve as a transition between the existing 40 mph speed limit south of Smithfield Road/Bridge Street and the 50 mph section north of Odell Street.

We appreciated the opportunity to provide these engineering services for you. If you have any questions about this letter, please feel free to contact me at your convenience at (972) 456-9033.

Sincerely,



Kelly D. Parma, P.E., PTOE
Senior Project Manager
Lee Engineering
TBPE Firm F-450



Digitally signed
by Kelly D.
Parma, P.E.,
PTOE
Date:
2020-06-23 09:
29:07

Attachments

DAVIS BLVD S OF NORTHEAST PKWY - CLASS																
NORTHBOUND																
Start Date: 1/30/2020																
Start Time: 12:00:00 AM																
Site Code: 954																
Date	Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	TOTAL
1/30/2020	12:00 AM	0	13	3	0	1	0	0	0	1	0	0	0	0	0	18
1/30/2020	12:15 AM	0	12	1	0	2	0	0	0	0	0	0	0	0	0	15
1/30/2020	12:30 AM	0	5	4	1	0	0	0	1	0	0	0	0	0	0	11
1/30/2020	12:45 AM	1	6	2	0	1	0	0	0	0	0	0	0	0	0	10
1/30/2020	01:00 AM	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
1/30/2020	01:15 AM	0	3	1	0	1	0	0	0	0	0	0	0	0	0	5
1/30/2020	01:30 AM	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6
1/30/2020	01:45 AM	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
1/30/2020	02:00 AM	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
1/30/2020	02:15 AM	0	6	1	0	0	0	0	0	1	0	0	0	0	0	8
1/30/2020	02:30 AM	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
1/30/2020	02:45 AM	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
1/30/2020	03:00 AM	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
1/30/2020	03:15 AM	0	2	1	1	0	1	0	0	0	0	0	0	0	0	5
1/30/2020	03:30 AM	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
1/30/2020	03:45 AM	0	8	2	0	1	0	0	0	0	0	0	0	0	0	11
1/30/2020	04:00 AM	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
1/30/2020	04:15 AM	0	10	2	0	0	0	0	0	0	0	0	0	0	0	12
1/30/2020	04:30 AM	0	21	2	0	0	0	0	0	0	0	0	0	0	0	23
1/30/2020	04:45 AM	0	17	7	0	0	0	0	0	0	0	0	0	0	0	24
1/30/2020	05:00 AM	0	16	6	0	1	0	0	1	0	0	0	0	0	0	24
1/30/2020	05:15 AM	0	21	15	0	4	0	0	0	0	0	0	0	0	0	40
1/30/2020	05:30 AM	0	49	9	0	6	0	0	2	0	1	0	0	0	0	67
1/30/2020	05:45 AM	0	62	16	2	2	0	0	1	0	0	0	0	0	0	83
1/30/2020	06:00 AM	1	57	25	0	6	0	0	1	0	0	0	0	0	1	91
1/30/2020	06:15 AM	2	86	31	0	10	0	1	5	0	0	0	0	1	0	136
1/30/2020	06:30 AM	2	109	52	2	12	4	1	5	0	2	0	0	0	3	192
1/30/2020	06:45 AM	1	134	45	1	15	0	1	5	1	2	1	0	1	0	207
1/30/2020	07:00 AM	6	134	32	0	9	0	2	8	4	4	1	1	0	1	202
1/30/2020	07:15 AM	2	174	54	0	9	0	2	12	2	3	0	0	0	1	259
1/30/2020	07:30 AM	8	135	43	2	8	0	2	7	3	4	0	1	0	1	214
1/30/2020	07:45 AM	5	123	44	2	13	1	2	5	1	1	1	0	1	3	202
1/30/2020	08:00 AM	8	127	47	2	10	1	1	6	2	5	1	0	0	1	211
1/30/2020	08:15 AM	4	161	66	0	12	3	2	5	3	3	1	0	0	1	261
1/30/2020	08:30 AM	4	134	66	0	11	0	1	7	0	2	0	0	1	3	229
1/30/2020	08:45 AM	4	103	45	4	9	0	0	9	1	1	1	1	0	2	180
1/30/2020	09:00 AM	4	118	32	0	16	1	0	9	1	1	2	0	0	0	184
1/30/2020	09:15 AM	1	97	36	0	11	2	1	8	1	2	2	1	0	1	163
1/30/2020	09:30 AM	5	106	32	0	13	2	0	7	0	2	2	0	1	0	170
1/30/2020	09:45 AM	3	85	35	0	12	0	0	6	1	0	0	0	0	1	143
1/30/2020	10:00 AM	2	92	32	0	11	1	0	5	3	0	0	0	2	0	148
1/30/2020	10:15 AM	4	90	35	0	11	4	0	3	1	2	1	0	0	0	151
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1/30/2020	10:45 AM	1	75	34	0	9	0	0	3	0	2	0	1	0	0	125
1/30/2020	11:00 AM	3	106	21	0	7	1	1	5	1	2	0	1	0	0	148
1/30/2020	11:15 AM	3	89	25	0	9	0	0	2	1	1	0	2	0	0	132
1/30/2020	11:30 AM	2	73	25	0	17	0	1	7	1	4	0	0	0	0	130
1/30/2020	11:45 AM	3	123	42	1	21	2	0	6	1	0	0	0	0	2	201
1/30/2020	12:00 PM	1	79	22	0	8	1	0	6	2	0	1	0	0	1	121
1/30/2020	12:15 PM	5	118	37	1	12	0	0	6	1	0	1	0	0	1	182
1/30/2020	12:30 PM	1	115	40	1	15	1	0	4	1	2	0	0	0	1	181
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1/30/2020	01:00 PM	2	85	23	1	8	1	1	5	2	1	0	1	0	0	130
1/30/2020	01:15 PM	3	97	39	1	7	1	0	6	1	1	1	0	1	0	158
1/30/2020	01:30 PM	1	123	26	2	5	1	0	8	0	2	0	1	0	2	171
1/30/2020	01:45 PM	1	111	34	0	8	0	1	3	0	1	2	0	0	2	163
1/30/2020	02:00 PM	6	135	32	1	13	0	0	11	1	1	2	0	1	0	203
1/30/2020	02:15 PM	1	108	43	2	7	1	1	10	0	0	0	1	0	2	176
1/30/2020	02:30 PM	4	118	30	0	8	1	2	6	0	1	1	1	0	0	172
1/30/2020	02:45 PM	2	162	55	0	14	0	2	2	0	2	1	0	1	1	242
1/30/2020	03:00 PM	2	167	51	0	13	1	0	5	0	2	1	0	0	1	243
1/30/2020	03:15 PM	4	162	33	0	17	4	0	6	1	0	0	2	0	0	229
1/30/2020	03:30 PM	7	150	54	1	9	2	2	9	0	3	0	0	0	1	238
1/30/2020	03:45 PM	4	148	57	0	14	3	1	12	0	1	0	0	0	4	244
1/30/2020	04:00 PM	9	171	43	0	11	1	1	8	1	0	1	0	0	3	249
1/30/2020	04:15 PM	5	155	54	2	23	2	4	3	2	5	2	0	0	2	259
1/30/2020	04:30 PM	3	162	41	0	18	2	2	9	0	2	0	0	0	4	243
1/30/2020	04:45 PM	6	169	38	4	13	4	1	8	2	1	1	0	0	3	250
1/30/2020	05:00 PM	5	195	56	3	13	3	3	7	0	1	1	0	0	1	288
1/30/2020	05:15 PM	5	170	51	4	9	1	2	11	2	0	2	0	1	2	260
1/30/2020	05:30 PM	5	168	53	0	6	1	1	9	0	4	2	0	1	1	251
1/30/2020	05:45 PM	3	180	49	1	11	1	0	2	2	0	1	0	0	0	250
1/30/2020	06:00 PM	7	177	55	5	10	1	0	7	1	2	3	1	0	1	270
1/30/2020	06:15 PM	4	162	52	2	10	2	1	6	0	5	1	0	0	2	247
1/30/2020	06:30 PM	4	156	37	1	11	2	0	5	0	1	2	0	0	2	221
1/30/2020	06:45 PM	1	136	24	1	15	0	1	7	0	1	0	0	1	0	187
1/30/2020	07:00 PM	0	125	28	0	11	0	0	5	0	1	0	0	1	0	171
1/30/2020	07:15 PM	4	120	23	0	6	0	0	3	0	1	0	1	0	1	159
1/30/2020	07:30 PM	1	114	32	0	10	1	1	8	1	0	0	0	0	0	168
1/30/2020	07:45 PM	1	112	25	0	5	0	0	2	1	1	0	0	0	0	147
1/30/2020	08:00 PM	0	70	26	0	0	1	1	4	0	0	1	0	0	1	104
1/30/2020	08:15 PM	2	73	18	1	2	0	0	0	1	1	0	0	0	1	99
1/30/2020	08:30 PM	0	78	15	0	4	0	1	2	0	0	0	0	0	0	100
1/30/2020	08:45 PM	0	72	16	1	7	0	0	1	0	1	0	0	0	0	98
1/30/2020	09:00 PM	0	65	13	0	7	0	0	2	0	1	0	0	0	1	89
1/30/2020	09:15 PM	0	64	11	0	3	0	0	1	0	0	1	0	0	0	80
1/30/2020	09:30 PM	1	68	17	0	4	0	0	0	3	2	1	0	0	2	98
1/30/2020	09:45 PM	0	65	12	0	1	0	0	0	0	0	0	0	0	0	78
1/30/2020	10:00 PM	0	45	7	0	1	0	0	2	0	2	0	0	0	0	57
1/30/2020	10:15 PM	0	35	11	0	3	0	0	0	0	0	0	0	0	0	49
1/30/2020	10:30 PM	0	36	10	0	2	0	0	2	0	0	0	0	0	0	50
1/30/2020	10:45 PM	0	36	6	0	3	0	0	0	0	0	0	0	0	0	45</

DAVIS BLVD S OF NORTHEAST PKWY - CLASS																
SOUTHBOUND																
Start Date: 1/30/2020																
Start Time: 12:00:00 AM																
Site Code: 953																
Date	Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	TOTAL
1/30/2020	12:00 AM	0	15	1	0	0	0	0	0	0	0	0	0	0	0	16
1/30/2020	12:15 AM	0	12	0	0	0	0	0	0	0	0	0	0	0	0	12
1/30/2020	12:30 AM	0	8	1	0	3	0	0	0	0	0	0	0	0	0	12
1/30/2020	12:45 AM	0	6	1	0	1	0	0	0	0	0	0	0	0	0	8
1/30/2020	01:00 AM	0	14	1	0	1	0	0	0	0	0	0	0	0	0	16
1/30/2020	01:15 AM	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
1/30/2020	01:30 AM	0	7	0	1	0	0	0	0	0	0	0	0	0	0	8
1/30/2020	01:45 AM	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3
1/30/2020	02:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
1/30/2020	02:15 AM	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
1/30/2020	02:30 AM	0	5	2	0	0	0	0	0	0	0	0	0	0	0	7
1/30/2020	02:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
1/30/2020	03:00 AM	0	11	0	0	0	0	0	0	1	0	0	0	0	0	12
1/30/2020	03:15 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
1/30/2020	03:30 AM	0	4	4	0	4	0	0	0	0	0	0	0	0	0	12
1/30/2020	03:45 AM	0	7	4	0	1	0	0	0	0	0	0	0	0	0	12
1/30/2020	04:00 AM	0	8	5	1	1	0	0	0	0	0	0	0	0	0	15
1/30/2020	04:15 AM	0	10	9	0	2	0	0	0	0	0	0	0	0	0	21
1/30/2020	04:30 AM	0	18	9	0	5	0	0	0	0	0	0	0	0	0	32
1/30/2020	04:45 AM	0	14	9	0	5	0	0	0	0	0	0	0	0	0	28
1/30/2020	05:00 AM	0	28	16	0	5	0	0	0	0	0	0	0	0	0	49
1/30/2020	05:15 AM	0	29	11	0	7	0	0	2	0	0	0	0	0	0	49
1/30/2020	05:30 AM	0	37	11	1	8	0	0	3	1	0	0	0	0	0	61
1/30/2020	05:45 AM	1	60	25	0	12	0	1	1	0	0	0	0	0	0	100
1/30/2020	06:00 AM	1	86	24	0	9	0	0	3	0	0	0	0	0	0	123
1/30/2020	06:15 AM	0	88	37	0	13	0	0	4	0	0	0	0	0	0	142
1/30/2020	06:30 AM	1	132	32	0	26	0	0	4	0	1	1	0	0	0	197
1/30/2020	06:45 AM	3	161	54	2	25	1	0	9	1	2	0	1	1	0	260
1/30/2020	07:00 AM	6	204	56	2	11	4	0	8	0	5	0	0	0	0	296
1/30/2020	07:15 AM	0	175	53	0	20	2	1	10	1	0	0	0	0	3	265
1/30/2020	07:30 AM	2	198	56	3	14	1	3	9	2	2	2	0	2	5	299
1/30/2020	07:45 AM	5	215	59	0	23	1	2	15	0	0	0	0	1	2	323
1/30/2020	08:00 AM	4	190	53	1	13	2	0	4	2	1	0	1	2	2	275
1/30/2020	08:15 AM	7	137	37	0	9	0	2	12	1	2	0	1	0	0	208
1/30/2020	08:30 AM	1	108	37	0	19	1	0	5	0	0	0	0	0	1	172
1/30/2020	08:45 AM	0	140	41	1	18	1	1	6	1	2	0	0	0	0	211
1/30/2020	09:00 AM	4	108	41	0	12	2	0	4	0	1	0	0	1	1	174
1/30/2020	09:15 AM	4	111	49	3	11	1	1	5	1	3	2	0	1	2	194
1/30/2020	09:30 AM	0	120	49	0	16	3	0	8	3	3	1	1	0	0	204
1/30/2020	09:45 AM	7	88	52	0	10	0	1	6	3	1	1	0	0	0	169
1/30/2020	10:00 AM	0	105	39	0	15	2	0	8	0	0	0	0	0	0	169
1/30/2020	10:15 AM	0	120	33	2	12	2	0	3	1	1	0	0	1	0	175
1/30/2020	10:30 AM	2	105	29	0	20	0	1	8	1	0	0	0	0	0	166
1/30/2020	10:45 AM	1	101	41	1	13	4	0	10	2	0	0	0	0	1	174
1/30/2020	11:00 AM	1	101	31	1	16	2	0	4	2	1	0	0	1	0	160
1/30/2020	11:15 AM	2	106	36	0	18	0	0	5	0	0	0	0	0	1	168
1/30/2020	11:30 AM	1	92	34	1	17	3	0	12	2	1	0	0	0	1	164
1/30/2020	11:45 AM	3	94	40	0	21	1	2	12	1	0	1	0	0	0	175
1/30/2020	12:00 PM	0	103	33	1	14	0	1	3	0	1	1	0	0	1	158
1/30/2020	12:15 PM	3	103	25	0	10	6	0	8	2	2	0	0	0	1	160
1/30/2020	12:30 PM	2	124	29	4	16	2	1	10	1	1	0	0	0	0	190
1/30/2020	12:45 PM	3	105	39	6	18	1	0	5	1	2	0	1	0	3	184
1/30/2020	01:00 PM	3	113	30	0	9	4	0	6	2	1	0	1	0	1	170
1/30/2020	01:15 PM	1	98	28	0	16	2	0	7	1	1	0	0	0	0	154
1/30/2020	01:30 PM	1	111	42	1	11	1	0	11	1	0	0	1	0	2	182
1/30/2020	01:45 PM	2	103	46	0	10	3	1	6	1	1	1	0	0	0	174
1/30/2020	02:00 PM	6	106	46	0	12	4	0	6	1	1	0	1	0	1	184
1/30/2020	02:15 PM	1	119	48	2	16	2	1	8	1	0	0	1	0	1	200
1/30/2020	02:30 PM	7	114	58	0	20	1	1	5	0	4	1	0	1	2	214
1/30/2020	02:45 PM	7	143	42	4	13	3	0	8	1	3	1	0	0	0	225
1/30/2020	03:00 PM	4	145	44	2	10	1	1	5	2	1	1	1	1	1	219
1/30/2020	03:15 PM	4	166	47	1	13	5	1	10	2	3	0	1	1	0	254
1/30/2020	03:30 PM	5	147	59	2	12	4	1	7	2	1	1	2	1	0	244
1/30/2020	03:45 PM	3	147	49	5	23	4	2	6	0	5	2	1	0	0	247
1/30/2020	04:00 PM	2	144	41	3	15	2	1	13	1	1	0	0	1	0	224
1/30/2020	04:15 PM	3	161	51	5	10	1	0	10	2	6	1	1	1	1	253
1/30/2020	04:30 PM	8	146	32	3	15	3	1	9	2	4	0	1	0	4	228
1/30/2020	04:45 PM	6	180	62	1	11	2	2	8	1	2	0	2	0	3	280
1/30/2020	05:00 PM	4	160	40	3	21	3	0	8	0	0	0	1	0	4	244
1/30/2020	05:15 PM	6	170	50	2	21	1	0	16	2	3	1	1	2	4	279
1/30/2020	05:30 PM	4	172	48	2	14	1	0	14	0	4	0	1	0	1	261
1/30/2020	05:45 PM	4	163	41	0	14	3	1	11	0	3	2	0	0	0	242
1/30/2020	06:00 PM	5	173	40	1	11	1	0	8	0	1	1	0	0	0	241
1/30/2020	06:15 PM	1	145	46	0	10	2	1	9	0	1	0	1	0	1	217
1/30/2020	06:30 PM	4	150	35	0	16	1	0	3	0	6	0	0	0	0	215
1/30/2020	06:45 PM	4	108	32	0	11	0	1	5	0	0	1	0	0	2	164
1/30/2020	07:00 PM	0	86	26	0	7	0	0	4	0	0	0	0	0	0	123
1/30/2020	07:15 PM	0	86	26	0	4	1	0	1	0	0	2	1	0	0	121
1/30/2020	07:30 PM	2	91	19	0	5	0	0	0	1	0	0	0	1	0	119
1/30/2020	07:45 PM	1	64	18	0	9	1	1	1	1	0	0	0	0	0	96
1/30/2020	08:00 PM	2	74	12	0	9	0	1	2	0	0	0	0	0	0	100
1/30/2020	08:15 PM	0	62	14	1	3	0	0	0	1	2	0	0	0	0	83

GRAM Traffic North Texas, Inc.

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1120 W Lovers Lane
Arlington, TX 76013

DAVIS BLVD S OF TURNER DR - SPEED W 4 SEC FILTER - ADJUSTED COUNT
Site Code: 957
Station ID:

Latitude: 32' 52.5549 North

NB

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
01/30/20	0	0	0	0	0	0	3	12	19	7	0	0	0	0	41	55	58
01:00	0	0	0	0	0	0	5	8	4	3	1	0	0	0	21	56	59
02:00	0	0	0	0	0	0	3	7	9	3	1	0	0	0	23	55	59
03:00	0	0	0	0	0	1	4	9	7	3	0	0	0	0	24	54	58
04:00	0	0	0	0	0	3	7	20	22	6	0	0	0	0	58	54	57
05:00	0	0	0	0	0	1	13	33	55	15	7	2	0	0	126	56	61
06:00	0	0	0	0	0	1	15	54	76	37	12	0	0	1	196	57	60
07:00	0	0	0	0	1	4	12	57	57	31	2	0	0	0	164	56	58
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
09:00	0	0	0	0	0	6	25	36	56	22	3	0	0	0	148	55	59
10:00	0	0	0	1	0	8	23	85	55	24	2	0	0	0	198	54	58
11:00	0	0	0	1	2	8	25	65	72	24	1	0	0	0	198	54	58
12 PM	0	0	0	0	0	4	23	73	80	18	7	0	0	0	205	54	59
13:00	0	0	1	0	2	5	21	61	67	29	8	0	0	0	194	56	59
14:00	0	0	0	0	1	1	19	78	72	19	3	1	0	0	194	54	58
15:00	0	0	0	0	0	1	6	15	19	5	2	1	0	0	49	55	61
16:00	0	0	0	0	0	1	10	29	35	5	7	0	0	0	87	54	61
17:00	0	0	0	0	1	2	16	64	71	34	5	0	0	0	193	56	59
18:00	0	0	0	0	0	2	14	64	74	24	5	0	1	0	184	55	59
19:00	0	0	0	0	0	3	25	59	64	23	4	2	0	0	180	55	59
20:00	0	0	0	0	1	4	17	55	53	29	3	0	0	0	162	56	59
21:00	0	0	0	0	1	3	13	50	70	27	4	0	1	0	169	56	59
22:00	0	0	0	0	0	6	14	35	49	17	1	1	1	0	124	55	59
23:00	0	0	0	0	0	2	5	29	28	10	0	1	0	0	75	54	58
Total	0	0	1	2	9	66	318	998	1114	415	78	8	3	1	3013		
Percent	0.0%	0.0%	0.0%	0.1%	0.3%	2.2%	10.6%	33.1%	37.0%	13.8%	2.6%	0.3%	0.1%	0.0%			
AM Peak				10:00	11:00	10:00	09:00	10:00	06:00	06:00	06:00	05:00		06:00	10:00		
Vol.				1	2	8	25	85	76	37	12	2		1	198		
PM Peak			13:00		13:00	22:00	19:00	14:00	12:00	17:00	13:00	19:00	18:00		12:00		
Vol.			1		2	6	25	78	80	34	8	2	1		205		
Total	0	0	1	2	9	66	318	998	1114	415	78	8	3	1	3013		
Percent	0.0%	0.0%	0.0%	0.1%	0.3%	2.2%	10.6%	33.1%	37.0%	13.8%	2.6%	0.3%	0.1%	0.0%			

15th Percentile : 45 MPH
50th Percentile : 50 MPH
85th Percentile : 55 MPH
95th Percentile : 59 MPH

Stats
10 MPH Pace Speed : 46-55 MPH
Number in Pace : 2112
Percent in Pace : 70.1%
Number of Vehicles > 55 MPH : 505
Percent of Vehicles > 55 MPH : 16.8%
Mean Speed(Average) : 51 MPH

GRAM Traffic North Texas, Inc.

1120 W Lovers Lane
Arlington, TX 76013

DAVIS BLVD S OF TURNER DR - SPEED W 4 SEC FILTER - ADJUSTED COUNT
Site Code: 957
Station ID:

Latitude: 32' 52.5549 North

SB

Start Time	1 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
01/30/20	0	0	0	0	0	1	10	20	8	4	1	0	0	0	44	54	58
01:00	0	0	0	0	1	2	7	11	6	3	1	0	0	0	31	54	59
02:00	0	0	0	0	0	0	4	3	6	2	1	0	0	0	16	56	61
03:00	0	0	0	0	1	4	4	10	4	4	2	0	0	0	29	57	61
04:00	0	0	0	0	0	0	8	24	36	8	3	1	1	0	81	55	61
05:00	0	0	0	0	0	0	12	47	64	34	4	2	0	0	163	57	59
06:00	0	0	0	0	0	5	17	70	96	57	13	2	1	0	261	57	61
07:00	0	0	0	0	0	4	22	45	69	45	10	2	0	0	197	58	61
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
09:00	0	0	0	0	1	2	14	50	59	24	0	0	1	1	152	55	58
10:00	0	0	0	0	0	13	31	58	74	21	8	0	0	0	205	54	59
11:00	0	0	0	1	0	6	33	70	66	27	4	1	0	0	208	55	59
12 PM	0	0	0	0	1	11	23	82	59	19	2	0	0	0	197	54	57
13:00	0	0	0	1	1	14	23	78	63	16	3	2	0	0	201	54	58
14:00	0	0	0	0	5	13	49	73	56	23	5	0	0	0	224	54	58
15:00	0	0	0	0	0	2	11	15	10	6	0	1	0	0	45	55	58
16:00	0	0	0	0	0	2	15	33	26	19	6	0	0	0	101	57	60
17:00	0	0	0	0	0	8	32	60	61	40	9	2	0	0	212	57	60
18:00	0	0	0	0	0	7	33	70	65	26	7	1	0	0	209	55	59
19:00	0	0	0	0	2	7	27	49	74	22	4	0	0	0	185	54	58
20:00	0	0	0	0	0	9	19	56	53	16	6	0	0	0	159	54	59
21:00	0	0	0	0	0	1	21	35	49	17	1	1	0	0	125	55	58
22:00	0	0	0	0	1	0	17	28	43	9	1	1	0	0	100	54	58
23:00	0	0	0	0	0	0	9	30	20	5	2	0	0	0	66	54	58
Total	0	0	0	2	13	111	441	1017	1067	447	93	16	3	1	3211		
Percent	0.0%	0.0%	0.0%	0.1%	0.4%	3.5%	13.7%	31.7%	33.2%	13.9%	2.9%	0.5%	0.1%	0.0%			
AM Peak				11:00	01:00	10:00	11:00	06:00	06:00	06:00	06:00	05:00	04:00	09:00	06:00		
Vol.				1	1	13	33	70	96	57	13	2	1	1	261		
PM Peak				13:00	14:00	13:00	14:00	12:00	19:00	17:00	17:00	13:00			14:00		
Vol.				1	5	14	49	82	74	40	9	2			224		
Total	0	0	0	2	13	111	441	1017	1067	447	93	16	3	1	3211		
Percent	0.0%	0.0%	0.0%	0.1%	0.4%	3.5%	13.7%	31.7%	33.2%	13.9%	2.9%	0.5%	0.1%	0.0%			

15th Percentile : 44 MPH
50th Percentile : 50 MPH
85th Percentile : 55 MPH
95th Percentile : 59 MPH

Stats
10 MPH Pace Speed : 46-55 MPH
Number in Pace : 2084
Percent in Pace : 64.9%
Number of Vehicles > 55 MPH : 560
Percent of Vehicles > 55 MPH : 17.4%
Mean Speed(Average) : 51 MPH

GRAM Traffic North Texas, Inc.

1120 W Lovers Lane
Arlington, TX 76013

DAVIS BLVD S OF TURNER DR - SPEED W 4 SEC FILTER - ADJUSTED COUNT
Site Code: 957
Station ID:

Latitude: 32' 52.5549 North

NB, SB																		
Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	85th Percent	95th Percent
01/30/20	0	0	0	0	0	1	13	32	27	11	1	0	0	0	0	85	54	58
01:00	0	0	0	0	1	2	12	19	10	6	2	0	0	0	0	52	55	59
02:00	0	0	0	0	0	0	7	10	15	5	2	0	0	0	0	39	56	60
03:00	0	0	0	0	1	5	8	19	11	7	2	0	0	0	0	53	55	59
04:00	0	0	0	0	0	3	15	44	58	14	3	1	1	0	0	139	54	59
05:00	0	0	0	0	0	1	25	80	119	49	11	4	0	0	0	289	57	60
06:00	0	0	0	0	0	6	32	124	172	94	25	2	1	1	0	457	57	61
07:00	0	0	0	0	1	8	34	102	126	76	12	2	0	0	0	361	57	59
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
09:00	0	0	0	0	1	8	39	86	115	46	3	0	1	1	0	300	55	58
10:00	0	0	0	1	0	21	54	143	129	45	10	0	0	0	0	403	54	58
11:00	0	0	0	2	2	14	58	135	138	51	5	1	0	0	0	406	54	58
12 PM	0	0	0	0	1	15	46	155	139	37	9	0	0	0	0	402	54	58
13:00	0	0	1	1	3	19	44	139	130	45	11	2	0	0	0	395	54	59
14:00	0	0	0	0	6	14	68	151	128	42	8	1	0	0	0	418	54	58
15:00	0	0	0	0	0	3	17	30	29	11	2	2	0	0	0	94	55	59
16:00	0	0	0	0	0	3	25	62	61	24	13	0	0	0	0	188	56	61
17:00	0	0	0	0	1	10	48	124	132	74	14	2	0	0	0	405	56	59
18:00	0	0	0	0	0	9	47	134	139	50	12	1	1	0	0	393	55	59
19:00	0	0	0	0	2	10	52	108	138	45	8	2	0	0	0	365	55	59
20:00	0	0	0	0	1	13	36	111	106	45	9	0	0	0	0	321	55	59
21:00	0	0	0	0	1	4	34	85	119	44	5	1	1	0	0	294	55	59
22:00	0	0	0	0	1	6	31	63	92	26	2	2	1	0	0	224	54	58
23:00	0	0	0	0	0	2	14	59	48	15	2	1	0	0	0	141	54	58
Total	0	0	1	4	22	177	759	2015	2181	862	171	24	6	2	0	6224		
Percent	0.0%	0.0%	0.0%	0.1%	0.4%	2.8%	12.2%	32.4%	35.0%	13.8%	2.7%	0.4%	0.1%	0.0%	0.0%			
AM Peak				11:00	11:00	10:00	11:00	10:00	06:00	06:00	06:00	05:00	04:00	06:00	06:00	06:00		
Vol.				2	2	21	58	143	172	94	25	4	1	1	0	457		
PM Peak			13:00	13:00	14:00	13:00	14:00	12:00	12:00	17:00	17:00	13:00	18:00			14:00		
Vol.			1	1	6	19	68	155	139	74	14	2	1	0	0	418		
Total	0	0	1	4	22	177	759	2015	2181	862	171	24	6	2	0	6224		
Percent	0.0%	0.0%	0.0%	0.1%	0.4%	2.8%	12.2%	32.4%	35.0%	13.8%	2.7%	0.4%	0.1%	0.0%	0.0%			

15th Percentile : 44 MPH
50th Percentile : 50 MPH
85th Percentile : 55 MPH
95th Percentile : 59 MPH

Stats
10 MPH Pace Speed : 46-55 MPH
Number in Pace : 4196
Percent in Pace : 67.4%
Number of Vehicles > 55 MPH : 1065
Percent of Vehicles > 55 MPH : 17.1%
Mean Speed(Average) : 51 MPH

GRAM Traffic North Texas, Inc.

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1120 W Lovers Lane
Arlington, TX 76013
BLVD S OF NORTHEAST PKWY - SPEED W 4 SEC FILTER - ADJUSTED COUNT
Site Code: 954
Station ID:

Latitude: 32' 52.2077 North

NB

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
01/30/20	0	1	0	3	0	0	5	13	15	2	1	0	0	0	40	54	57
01:00	0	0	0	0	0	2	4	8	3	4	0	0	0	0	21	56	58
02:00	0	0	0	0	0	2	2	10	11	1	0	0	0	0	26	53	54
03:00	0	0	0	0	0	0	3	9	7	0	0	0	0	0	19	52	54
04:00	0	0	0	1	1	3	10	24	15	4	1	0	0	0	59	53	57
05:00	0	0	0	3	0	4	18	29	27	14	2	1	0	0	98	55	59
06:00	0	4	4	5	1	2	28	51	49	14	1	0	0	0	159	54	57
07:00	0	7	5	5	5	14	23	48	20	3	0	0	0	0	130	50	54
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
09:00	0	3	5	3	4	11	31	28	13	2	0	0	0	0	100	50	53
10:00	0	9	9	4	7	8	33	44	25	6	2	0	0	1	148	52	55
11:00	0	7	9	6	3	13	28	50	22	8	1	0	0	0	147	52	56
12 PM	0	4	9	11	5	14	24	48	31	8	2	0	0	0	156	52	56
13:00	0	2	6	7	4	12	42	58	21	5	1	0	0	0	158	50	54
14:00	2	6	14	4	3	17	41	46	15	4	1	0	0	0	153	49	54
15:00	1	3	3	3	0	3	10	11	6	2	0	0	0	0	42	51	54
16:00	1	5	7	2	3	14	15	29	11	2	0	0	0	0	89	49	53
17:00	1	9	14	8	5	16	31	53	26	10	1	0	0	1	175	52	56
18:00	1	3	15	7	3	13	31	47	38	5	2	1	0	0	166	52	54
19:00	1	6	13	6	1	10	26	65	31	5	3	1	0	0	168	52	55
20:00	0	5	5	8	2	11	29	48	34	6	1	1	0	0	150	52	55
21:00	0	7	8	5	1	9	22	45	42	8	1	0	0	0	148	53	56
22:00	2	2	7	2	1	3	16	51	34	2	2	1	0	0	123	53	54
23:00	0	1	2	2	1	2	17	27	19	5	1	0	0	0	77	53	57
Total	9	84	135	95	50	183	489	842	515	120	23	5	0	2	2552		
Percent	0.4%	3.3%	5.3%	3.7%	2.0%	7.2%	19.2%	33.0%	20.2%	4.7%	0.9%	0.2%	0.0%	0.1%			
AM Peak	10:00	10:00	10:00	11:00	10:00	07:00	10:00	06:00	06:00	05:00	05:00	05:00		10:00	06:00		
Vol.	9	9	9	6	7	14	33	51	49	14	2	1		1	159		
PM Peak	14:00	17:00	18:00	12:00	12:00	14:00	13:00	19:00	21:00	17:00	19:00	18:00		17:00	17:00		
Vol.	2	9	15	11	5	17	42	65	42	10	3	1		1	175		
Total	9	84	135	95	50	183	489	842	515	120	23	5	0	2	2552		
Percent	0.4%	3.3%	5.3%	3.7%	2.0%	7.2%	19.2%	33.0%	20.2%	4.7%	0.9%	0.2%	0.0%	0.1%			

15th Percentile : 35 MPH
50th Percentile : 46 MPH
85th Percentile : 52 MPH
95th Percentile : 55 MPH

Stats
10 MPH Pace Speed : 46-55 MPH
Number in Pace : 1357
Percent in Pace : 53.2%
Number of Vehicles > 55 MPH : 150
Percent of Vehicles > 55 MPH : 5.9%
Mean Speed(Average) : 44 MPH

GRAM Traffic North Texas, Inc.

1120 W Lovers Lane
Arlington, TX 76013
LAWS BLVD S OF NORTHEAST PKWY - SPEED W 4 SEC FILTER - ADJUSTED COUNT
Site Code: 954
Station ID:

Latitude: 32' 52.2077 North

SB

Start Time	1 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
01/30/20	0	0	0	1	1	0	8	23	6	2	1	0	0	0	42	52	57
01:00	0	0	0	0	1	1	8	10	6	3	0	0	0	0	29	53	57
02:00	0	0	0	2	0	1	2	3	6	1	0	0	0	0	15	53	56
03:00	0	0	0	3	2	1	6	10	4	3	1	0	0	0	30	54	59
04:00	0	0	1	2	1	0	5	27	34	5	2	1	0	0	78	54	59
05:00	0	0	0	8	0	3	20	44	61	15	1	1	0	0	153	54	58
06:00	0	0	0	9	3	2	32	81	79	36	3	1	0	0	246	55	58
07:00	5	1	3	8	9	11	31	67	40	10	3	0	0	0	188	53	56
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
09:00	0	0	1	7	6	8	21	58	37	12	2	0	0	0	152	53	57
10:00	0	0	2	7	4	11	35	88	50	16	2	0	0	0	215	53	57
11:00	0	0	3	7	2	8	42	76	49	11	2	1	1	0	202	53	57
12 PM	0	0	2	9	9	12	39	61	39	17	3	0	0	0	191	53	58
13:00	0	2	2	7	4	5	43	59	58	12	4	0	0	0	196	53	57
14:00	2	2	5	4	10	21	56	55	47	13	1	0	0	0	216	53	56
15:00	0	1	1	4	3	6	9	14	6	2	1	0	0	0	47	51	56
16:00	1	2	3	4	3	4	17	30	16	7	0	0	0	0	87	53	56
17:00	9	4	4	7	4	13	48	59	37	8	1	1	0	0	195	52	55
18:00	2	1	3	9	10	15	41	65	49	9	1	1	0	0	206	52	55
19:00	0	0	0	3	3	7	32	58	48	17	4	1	0	0	173	54	58
20:00	0	0	1	4	0	5	22	64	41	13	2	1	0	0	153	54	58
21:00	0	0	1	3	0	2	24	49	48	9	1	0	0	0	137	53	56
22:00	0	0	2	2	2	4	22	44	34	6	1	0	0	0	117	53	55
23:00	0	0	0	1	1	1	13	21	27	2	0	0	0	0	66	53	54
Total	19	13	34	111	78	141	576	1066	822	229	36	8	1	0	3134		
Percent	0.6%	0.4%	1.1%	3.5%	2.5%	4.5%	18.4%	34.0%	26.2%	7.3%	1.1%	0.3%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	06:00	07:00	07:00	11:00	10:00	06:00	06:00	06:00	11:00	04:00	11:00	06:00		
Vol.	5	1	3	9	9	11	42	88	79	36	3	1	1		246		
PM Peak	17:00	17:00	14:00	12:00	14:00	14:00	14:00	18:00	13:00	12:00	13:00	17:00			14:00		
Vol.	9	4	5	9	10	21	56	65	58	17	4	1			216		
Total	19	13	34	111	78	141	576	1066	822	229	36	8	1	0	3134		
Percent	0.6%	0.4%	1.1%	3.5%	2.5%	4.5%	18.4%	34.0%	26.2%	7.3%	1.1%	0.3%	0.0%	0.0%			

15th Percentile : 40 MPH
50th Percentile : 47 MPH
85th Percentile : 53 MPH
95th Percentile : 57 MPH

Stats
10 MPH Pace Speed : 46-55 MPH
Number in Pace : 1888
Percent in Pace : 60.2%
Number of Vehicles > 55 MPH : 274
Percent of Vehicles > 55 MPH : 8.7%
Mean Speed(Average) : 47 MPH

GRAM Traffic North Texas, Inc.

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1120 W Lovers Lane
Arlington, TX 76013
BLVD S OF NORTHEAST PKWY - SPEED W 4 SEC FILTER - ADJUSTED COUNT
Site Code: 954
Station ID:

Latitude: 32' 52.2077 North

NB, SB																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	85th Percent	95th Percent
01/30/20	0	1	0	4	1	0	13	36	21	4	2	0	0	0	82	53	57
01:00	0	0	0	0	1	3	12	18	9	7	0	0	0	0	50	54	58
02:00	0	0	0	2	0	3	4	13	17	2	0	0	0	0	41	53	54
03:00	0	0	0	3	2	1	9	19	11	3	1	0	0	0	49	53	57
04:00	0	0	1	3	2	3	15	51	49	9	3	1	0	0	137	54	58
05:00	0	0	0	11	0	7	38	73	88	29	3	2	0	0	251	54	58
06:00	0	4	4	14	4	4	60	132	128	50	4	1	0	0	405	54	58
07:00	5	8	8	13	14	25	54	115	60	13	3	0	0	0	318	52	55
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
09:00	0	3	6	10	10	19	52	86	50	14	2	0	0	0	252	52	56
10:00	0	9	11	11	11	19	68	132	75	22	4	0	0	1	363	53	56
11:00	0	7	12	13	5	21	70	126	71	19	3	1	1	0	349	53	56
12 PM	0	4	11	20	14	26	63	109	70	25	5	0	0	0	347	53	57
13:00	0	4	8	14	8	17	85	117	79	17	5	0	0	0	354	53	56
14:00	4	8	19	8	13	38	97	101	62	17	2	0	0	0	369	52	55
15:00	1	4	4	7	3	9	19	25	12	4	1	0	0	0	89	51	55
16:00	2	7	10	6	6	18	32	59	27	9	0	0	0	0	176	51	55
17:00	10	13	18	15	9	29	79	112	63	18	2	1	0	1	370	52	55
18:00	3	4	18	16	13	28	72	112	87	14	3	2	0	0	372	52	55
19:00	1	6	13	9	4	17	58	123	79	22	7	2	0	0	341	53	58
20:00	0	5	6	12	2	16	51	112	75	19	3	2	0	0	303	53	57
21:00	0	7	9	8	1	11	46	94	90	17	2	0	0	0	285	53	56
22:00	2	2	9	4	3	7	38	95	68	8	3	1	0	0	240	53	55
23:00	0	1	2	3	2	3	30	48	46	7	1	0	0	0	143	53	55
Total	28	97	169	206	128	324	1065	1908	1337	349	59	13	1	2	5686		
Percent	0.5%	1.7%	3.0%	3.6%	2.3%	5.7%	18.7%	33.6%	23.5%	6.1%	1.0%	0.2%	0.0%	0.0%			
AM Peak	07:00	10:00	11:00	06:00	07:00	07:00	11:00	06:00	06:00	06:00	06:00	05:00	11:00	10:00	06:00		
Vol.	5	9	12	14	14	25	70	132	128	50	4	2	1	1	405		
PM Peak	17:00	17:00	14:00	12:00	12:00	14:00	14:00	19:00	21:00	12:00	19:00	18:00		17:00	18:00		
Vol.	10	13	19	20	14	38	97	123	90	25	7	2		1	372		
Total	28	97	169	206	128	324	1065	1908	1337	349	59	13	1	2	5686		
Percent	0.5%	1.7%	3.0%	3.6%	2.3%	5.7%	18.7%	33.6%	23.5%	6.1%	1.0%	0.2%	0.0%	0.0%			

15th Percentile : 38 MPH
50th Percentile : 47 MPH
85th Percentile : 53 MPH
95th Percentile : 56 MPH

Stats
10 MPH Pace Speed : 46-55 MPH
Number in Pace : 3245
Percent in Pace : 57.1%
Number of Vehicles > 55 MPH : 424
Percent of Vehicles > 55 MPH : 7.5%
Mean Speed(Average) : 46 MPH



STATEWIDE TRAFFIC CRASH RATES

2018

By Highway System

Highway System	Traffic Crashes per 100 million vehicle miles	
	Rural	Urban
Interstate	62.08	144.32
US Highway	72.08	177.84
State Highway	94.10	217.69
Farm-to-Market	118.18	225.28

By Road Type

Road Type	Traffic Crashes per 100 million vehicle miles	
	Rural	Urban
2 lane, 2 way	102.13	213.77
4 or more lanes, divided	62.95	158.28
4 or more lanes, undivided	97.61	283.09

Information contained in this report represents reportable data collected from Texas Peace Officer's Crash Reports (CR-3) received and processed by the Department as of May 6, 2019.