

January 17, 2024

Mr. Kirk Bednar City Manager City of Brentwood 5211 Maryland Way Brentwood, TN 37027

### Subject: Task Order Agreement – As Needed Traffic Engineering Contract Proposed Racquet Center – Traffic Access & Parking Assessment

Dear Kirk:

Per your request, Neel-Schaffer investigated the potential parking needs and intersection access impacts of the proposed Racquet Center development along Crockett Road. The assessment focused on transportation safety and future traffic operations related to the site's access driveway. The effort also reviewed the number of expected parking spaces needed for the site. The following overview provides a summary of our evaluation.

The proposed racquet center is expected to have seven (7) tennis courts and ten (10) pickleball courts upon full buildout. The proposed site design includes two access points: one at the north-end where it will connect to the parking lot for the existing indoor soccer center and the other at the south-end, which will create a new driveway intersection with Crockett Road. This assessment focused review on the potential traffic operations at the proposed driveway intersection with Crockett Road. Crockett Road is an urban arterial with a posted speed of 35 mph that provides access to Concord Road and Wilson Pike for surrounding residential and institutional land uses. Crockett Road typical section consists of two 12 ft travel lanes and 1 ft shoulders. Figure 1 shows the project location and surrounding road network.



#### Figure 1: Study Area

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#### Parking Assessment

During early planning, city officials and project consultants determined additional information would be needed to effectively plan for the project's parking needs. Initial review estimated parking space allocations following general land use descriptions and limited existing data. Officials desired to find other relevant technical data available that could assist in approximating the number of parking spaces to provide at the proposed racquet facility.

The parking assessment researched technical sources and information taken from other similar projects to identify the most current data available. Investigation conducted literature review to find parking information on projects of similar size and scope. Analysis confirmed that there is a general lack of information for parking requirements regarding pickleball facilities. Assessment consulted the Institute of Transportation Engineer's (ITE) *Parking Generation Handbook*, 6<sup>th</sup> edition, which was released in 2023. Review found that the nationally based design guidelines lacked information on facilities specific to pickleball. However, the resource did provide data for variations of indoor and outdoor tennis facilities, as well as comprehensive recreational centers. Research did not find examples from other communities around the country that documented parking space requirements for similar indoor facilities centered on pickleball and tennis courts. For these reasons, technical assessment concluded that the preferred approach for assessing parking requirements would involve a hybrid methodology that incorporates parking space needs for facilities that resemble the City of Brentwood's site in terms of building size and court types, while also accounting for factors unique to pickleball (i.e. additional participants compared to tennis).

The following summary highlights notable observations and conclusions determined that ultimately led to the preferred parking space estimate:

- Existing technical resources lack information on parking space requirements for pickleball facilities. Also, review found limited information on indoor racquet facilities.
- Assessment concluded the most applicable data sources to be general recreational centers and racquet/tennis clubs.
- Assessment concluded that estimating parking demand based on number of courts alone would likely not account for staff, spectators and amenities available with an indoor complex, resulting in an underestimation.
- Because available data included tennis uses only, assumptions would need to refine estimates based on pickleball activities, which involves more participants compared to tennis.
- Evaluation concluded that a hybrid estimate blending estimates sourced from indoor racquet facilities and pickleball courts would provide a reasonable and conservative estimate.
- Based on the overall size (square footage) of Brentwood's proposed racquet facility and the total number of pickleball and tennis courts at build-out, analysis estimated that 132 parking spaces would be advisable under peak and full usage.

- Further consideration assessed that the documented parking rates used in the analysis may not fully account for the presence of spectators and game officials associated with organized events and tournaments, as is planned for the Brentwood facility.
- Engineering judgment applied factors to allocate parking spaces for spectators and tournament officials. This consideration contributed an additional 91 spaces.
- Further assessment suggested that some facility users would arrive by nonmotorized trips given the proximity to surrounding residential areas, Crockett Park and the city's multi-use trail system. This allowance resulted in a modest reduction of expected parking spaces.
- Based on the study's methodology and source data, study assessment concluded that the racquet facility could anticipate a total peak parking demand of between 212 and 186 spaces.
- For site design and project budgeting purposes, final assessment advises that city officials establish parking needs based on a conservative estimate of 212 spaces. Although not included in analysis methodology, city officials could consider options for allocating overflow or additional parking space needs at the adjacent indoor soccer arena.

### Table 1 - Results of Parking Space Assessment

Total Parking Space Estimate									
Conservative Peak Demand	212 spaces								
Minimum Peak Demand	186 spaces								

#### **Traffic Operations Assessment**

The following presents a summary of traffic data and investigation of applicable traffic conditions. Preliminary tasks began with acquiring hourly bi-directional vehicular count data and speed data at the location of the proposed driveway. The vehicular count data was collected at the study location between the dates of Tuesday November 28<sup>th</sup>, 2023 to Sunday December 3<sup>rd</sup>, 2023. Summary Tables 2 & 3 provide an overview of the average daily traffic (ADT) and the reported vehicular speed data. The weekday AM, Midday, and PM peak hours, as indicated by the collected vehicular counts, are 7:00am-8:00am for AM, 1:30pm-2:30pm for Midday, and 4:15pm-5:15pm for PM. The weekend AM, Midday, and PM peak hours are 9:00am-10:00am for AM, 12:00pm-1:00pm for Midday, and 4:15pm-5:15pm for PM.

#### Table 2 - Summary of Collected Traffic Data

Crockett Road	Eastbound	Westbound	Daily Total
Wednesday, November 29 <sup>th</sup> (12:00 am - 11:00 pm) Volumes	4852	4351	9203
Saturday, December 2 <sup>nd</sup> (12:00 am - 11:00 pm) Volumes	3642	3198	6840

	Weekda	y (11/28)	Weeken	d (11/30)	Weekend (12/01)			
	Eastbound	Westbound	Eastbound	Westbound	Eastbound	Westbound		
Posted Speed Limit			35	МРН				
50 <sup>th</sup> Percentile Speed	42 MPH	42 MPH	42 MPH	40 MPH	39 MPH	41 MPH		
85 <sup>th</sup> Percentile Speed	55 MPH	48 MPH	49 MPH	46 MPH	50 MPH	48 MPH		
Percent of Vehicles Above Posted Speed	83%	90%	88%	79%	71%	83%		

#### Table 3 - Summary of Collected Speed Data

Review of the travel speed data showed that vehicle speeds do not vary by travel direction. Vehicle speeds typically exceed the posted speed limit of 35 MPH for both directions. Collected speed data revealed that the majority of vehicle speeds were recorded above the posted speed limit. Additional vehicular volume and speed data information is provided in the Appendix.

The review conducted a field assessment to evaluate existing site conditions such as roadway geometry, identify roadway features, assess driveway departure sight distances & mainline stopping sight distances, identify sight obstructions, investigate intersection traffic control conditions, and observe traffic behavior. Intersection capacity analysis was performed to determine the potential appropriateness of alternative traffic control measures. Study assessment referred to the American Association of State Highway Transportation Officials (AASHTO): A Policy on Geometric Design of Highways and Streets (The Green Book) and the Manual on Uniform Traffic Control Devices (MUTCD) for technical guidance and criteria.

Field measurements provided estimates for proposed driveway departure sight triangles and existing mainline stopping sight distances. Appropriate sight distances were estimated using lines-of-sight where the driver's decision point was assumed to be unobstructed by existing vegetation, above ground utilities, signage, and the geometric properties of the existing roadway. Sight distance lengths were measured along the center of each travel lane. While the regulatory posted speed limit is 35 MPH, the assessment used a design speed of 45 MPH to establish prescribed sight distances due to the field recorded vehicular travel speeds. The assessment did not consider any gap time modifiers for the following minimum sight distances. Tables 4 & 5 show the results of the sight distance comparative analysis.

	Turning Maneuver	Field Estimated Sight Distance	AASHTO Minimum Sight Distance	Guidelines Met?
Racquet Center	Left Turn	415 ft	500 ft	No
DW (SB)	Right Turn	790 ft	432 ft	Yes

#### Table 4 - Intersection Sight Distance - Racquet Center Driveway at Crockett Rd

#### Notes:

\* Used a design speed of **45 MPH** to establish sight distance requirements.

\* Racket Center Driveway approach grade is estimated to be less than 3%.

\* Case B1 (Left Turn from minor) passenger car gap time: 7.5 seconds.

\* Case B2 (Right Turn from minor) passenger car gap time: 6.5 seconds.

	Direction	Field Estimated Sight Distance	AASHTO Recommended Sight Distance	Guidelines Met?
Creekett Dd	Eastbound	380 ft	360 ft	Yes
Crockett Rd	Westbound	765 ft	365 ft	Yes

#### Notes:

\* Used a design speed of **45 MPH** to establish sight distance requirements.

\* Crockett Road Eastbound approach grade is estimated to be +4%.

- \* Crockett Road Westbound approach grade is estimated to be +3%.
- \* Brake Reaction Time (*t*): **2.5 seconds.**
- \* Deceleration Rate (*a*): **11.2 feet/second**<sup>^2</sup>.

Field measurements indicate that, under current intersection conditions, the proposed driveway location does not provide sufficient sight distance for exiting vehicles turning left. This is due, in part, to the roadway's vertical geometry that impedes the view of eastbound vehicles on Crockett Road.

Trip generation calculations were performed using applicable data provided in the Institute of Transportation Engineers (ITE) *Trip Generation Manual*, 11<sup>th</sup> Edition, in coordination with reviewing similar recreational facilities and engineering judgment to estimate peak hour trips. Currently, there is a lack of national data and industry technical guidance for estimating vehicle trip generation of indoor racquet or pickleball facilities. The ITE Trip Generation handbook does provide a reasonable degree of resource for estimating peak hour trips because data is derived from multi-purpose indoor recreational centers and racquet clubs. However, these trip rates were determined by using relatively small sample sizes. Therefore, the analysis focused on ITE land uses that share common characteristics with the proposed racquet center and estimated peak hour trips based on building square footage, instead of number of courts. The assessment concluded that estimating trip demand based on building square footage would more likely account for staff, spectators and amenities available with an indoor complex. For this reason, the evaluation identified the following land uses

for estimating vehicle trip generation: Racquet/Tennis Club (LUC 491) and Recreational Community Center (LUC 495). The final site generated trips were estimated based on the following information and data:

- Racquet/Tennis Club Facility peak hour vehicle trip generation: **195 trips** (50% entering/50% exiting).
- Recreational Community Center peak hour vehicle trip generation: **247 trips** (47% entering/53% exiting).
- Consideration of additional trip allocation for spectators and officials. Analysis assumed 1 official per court and 1 spectator vehicle per participant (**54 total participants**).
- Consideration of non-motorized trips. Analysis assumed **5% (overall reduction of 15 vehicle trips)** of racquet center users would travel by non-motorized means.

Based on the study's defined methodology and source data, the study assessment concluded that the racquet facility could anticipate a total vehicle trip generation of **270** vehicles (50% entering/50% exiting) during the peak hour. In general, source data indicated that peak hour trips would be lower on weekends, compared to weekdays. However, based on expected use for organized team activities and tournament style competitions, the peak hour trip generation estimated for the weekday periods was also applied for weekend analysis. This approach would provide conservative results and align with expectations that organized tournaments and team activities will operate at building capacity and occur on weekends. Also, the assessment assumed all proposed site generated vehicular trips will enter and exit at the Crockett Road driveway. Table 6 summarizes the generated trips during the Weekday Peak and Weekend Peak periods.

Deek Heur	E	nter	Exit			
Peak Hour	EB LT	WB RT	SB RT	SB LT		
Weekday Peak Hour	81	54	81	54		
Weekend Peak Hour	95	41	95	41		

Table 6. Bacc	uet Center Facilit	V Site Generated	Vehicle Trins
Tuble 0. Race		y Sile Generated	venicie mps

Prior to capacity analysis, intersection lane warrant investigations were performed for the proposed intersection. The study referenced National Cooperative Highway Research Program's Report 457 (*Evaluating Intersection Improvements: An Engineering Study Guide*) for approach lane analysis. The analyses compared the intersection's peak hour volumes to criterion thresholds that justifies the implementation of an exclusive eastbound left-turn lane and westbound right-turn lane on Crockett Road and separate left & right southbound approach lanes on the proposed racquet facility driveway. Analysis indicated that an eastbound left-turn lane would be warranted, while a westbound right-turn lane is borderline justified, along Crockett Road approaches based on peak hour volumes. An additional southbound driveway lane is not warranted based on peak hour volumes. It is important to note that the NCHRP lane warrant analysis correlates the approach volumes with inherit intersection safety and does not consider potential intersection operations or the benefits & costs associated with these mentioned geometric improvements. Turn lane warrant analysis summaries are included in the Appendix.

The assessment used prevailing intersection geometry and collected turning movement counts to perform intersection operation analysis. Table 7 provides an overview of the study intersection's operational and capacity analysis including estimated level of service, average delays, and queueing for the PM Weekday and Weekend peak periods.

Intersection	Movement/ Approach		e Lane baches	EB LT Turn and Full Access Driveway				
		PM Peak	Weekend	PM Peak	Weekend			
	EB Left Turn	A (8.3s) 5 ft	A (8.3s) 8 ft	A (8.3s) 5 ft	A (8.3s) 8 ft			
Crockett Road at	EB Thru	A 0 ft	A 0 ft	-	-			
	ЕВ Арр	А	А	A	А			
Racquet Center DW	SB Left Turn	-	-	D (25.7s) 23 ft	C (19.1s) 13 ft			
	SB Right Turn	-	-	B (10.9s) 10 ft	B (10.9s) 13 ft			
	SB Арр	C (20.5s) 40 ft	C (15.3s) 30 ft	C (20.5s)	B (13.3s)			

### Table 7: Intersection Level of Service Analysis Summary

The study analysis determined that the study intersection is expected to operate at an overall satisfactory Level-of-Service (LOS) threshold under proposed conditions. The analysis did not consider the addition of a westbound right-turn lane due to the abundance of sight distance prior to the approach and the potential satisfactory vehicle level of service based on forecasted volumes under a single westbound approach lane condition. A functional drawing depicting the proposed intersection with the eastbound left-turn and full access driveway is provided in the Appendix.

Based on the prepared analysis, the intersection of Crockett Road at the proposed Racquet Center Facility driveway is expected to operate at an acceptable level of service under the considered intersection approach layout. Additionally, as part of the site development process, we recommend project officials account for the following points of emphasis during site design:

- The Raquet Center Facility driveway turning radii should be designed to accommodate the site's design vehicle.
- Site design activities should verify that desired intersection sight distances are provided. We
  recommend additional warning signage per MUTCD guidelines for eastbound Crockett Road
  be provided warning drivers of a side road intersection ahead. Also, site designers could
  investigate the feasibility of shifting the location of the access driveway to the east, compared
  to the position of the existing field entrance, that would thereby increase the sight distance
  for southbound exiting drivers and eastbound drivers.

- Intersection improvements at the Crockett Road and driveway access should include a new exclusive left-turn lane providing approximately 75 feet storage and appropriate taper transition.
- Access design should also consider providing separate left and right turn lanes exiting onto Crockett Rd. Although analysis showed that a single approach lane would generally operate acceptably, assessment determined that providing a separate right-turn lane would provide desirable operations so that left-turning vehicles would not impede right-turning vehicles from completing their turning movement, particularly as traffic departs after highly attended events.
- Design of the access should consider the feasibility of including overhead street lighting at the intersection. Intersection lighting would enhance driver awareness and support travel safety. Field observations found that a streetlight is present on a utility pole adjacent to the existing intersection.

We hope the information included in the analysis is useful and furthers the topic's discussion. If we can be of further assistance or provide additional information, please do not hesitate to contact us.

Sincerely, **NEEL-SCHAFFER, INC.** 

kob Carson

Jacob Carson, P.E., PTOE, RSP<sub>1</sub> Engineer I



**APPENDIX** 



















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General Information							Site	Inforr	natio	า								
Analyst	NSI						Inters	ection	Crockett Rd at Racquet Center DW									
Agency/Co.	NSI						Jurisd	liction			City of Brentwood							
Date Performed	1/8/2024							West Stre	eet		Crock	ett Rd						
Analysis Year	2024							n/South S	Street		Racqu	uet Cente	er DW					
Time Analyzed	Week	Peak	Hour Fac	ctor		0.95												
Intersection Orientation	East-V	Vest					Analy	sis Time	Period (	hrs)	0.25							
Project Description	Racqu	let Cente	er Drivev	vay														
Lanes																		
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0

4.1

4.10

2.2

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85

1168

0.07

0.2

8.3

А

0.9

А

Undivided

Percent Heavy Vehicles (%)

Base Critical Headway (sec)

Base Follow-Up Headway (sec)

95% Queue Length, Q<sub>95</sub> (veh)

Critical Headway (sec)

Follow-Up Headway (sec)

Flow Rate, v (veh/h)

Capacity, c (veh/h)

Control Delay (s/veh)

Level of Service (LOS)

v/c Ratio

**Critical and Follow-up Headways** 

Delay, Queue Length, and Level of Service

Proportion Time Blocked

Percent Grade (%) Right Turn Channelized Median Type | Storage

20.5

0

7.1

6.00

3.5

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142

373

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С

-2

0

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3.30

		ŀ	ICS <sup>-</sup>	Гwo-'	Way	Stop	-Cor	ntrol	Repo	ort						
General Information							Site Information									
Analyst	NSI						Intersection Crockett Rd a						t Racque	et Center	r DW	
Agency/Co.	NSI	NSI									City o	of Brentw	vood			
Date Performed	1/8/2	1/8/2024							eet		Crocl	kett Rd				
Analysis Year	2024	2024							Street		Racq	uet Cent	er DW			
Time Analyzed	Week	Weekday PM Peak							ctor		0.95					
Intersection Orientation	East-\	Vest					Analy	sis Time	Period (	hrs)	0.25					
Project Description	Racqu	uet Cent	er Drive	way												
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Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	1	0	0	0	1	0		0	0	0		1	0	1
Configuration		L	Т					TR						L		R
Volume (veh/h)		81	585				328	54						54		81
Percent Heavy Vehicles (%)		0												0		0
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Median Type   Storage				Undi	vided											
Critical and Follow-up He	adwa	ys														
Base Critical Headway (sec)		4.1												7.1		6.2
Critical Headway (sec)		4.10												6.00		6.00
Base Follow-Up Headway (sec)		2.2												3.5		3.3
Follow-Up Headway (sec)		2.20												3.50		3.30
Delay, Queue Length, and	l Leve	l of Se	ervice													
Flow Rate, v (veh/h)		85												57		85
Capacity, c (veh/h)		1168												230		691
v/c Ratio		0.07												0.25		0.12
95% Queue Length, Q <sub>95</sub> (veh)		0.2												0.9		0.4
Control Delay (s/veh)		8.3												25.7		10.9
Level of Service (LOS)		А												D		В
Approach Delay (s/veh)		1	.0										16.8			
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General Information			_	_	_	_	Site	Inforr	natio	n	_	_	_	_	_	_
Analyst	NSI						Inters	ection			Crock	ett Rd a	t Racque	et Center	DW	_
Agency/Co.	NSI						Jurisd	liction			City of Brentwood					
Date Performed	1/8/2	024					East/West Street			Crockett Rd						
Analysis Year	2024						North/South Street				Racqu	uet Cent	er DW			
Time Analyzed	Week	Weekend Peak				Peak	Hour Fac	ctor		0.91						
Intersection Orientation	East-'	East-West				Analy	sis Time	Period (	hrs)	0.25						
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Configuration Volume (veh/h) Percent Heavy Vehicles (%) Proportion Time Blocked		95	351				291							41 0	LR	95
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Configuration Volume (veh/h) Percent Heavy Vehicles (%) Proportion Time Blocked Percent Grade (%) Right Turn Channelized Median Type   Storage <b>Critical and Follow-up H</b> Base Critical Headway (sec) Critical Headway (sec)	eadwa	95 0 <b>ys</b> 4.1 4.10	351	Undi	vided		291							41 0 - - - -	LR	95 0 6.2 6.0 3.3
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Control Delay (s/veh)

Level of Service (LOS)

Approach LOS

Approach Delay (s/veh)

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15.3

15.3

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General Information							Site	Inforr	natio	n	_	_	_			
Analyst	NSI						Inters	ection			Crock	ett Rd a	t Racque	et Center	DW	
Agency/Co.	NSI						Jurisdiction			City of Brentwood						
Date Performed	1/8/2	024					East/West Street			Crock	ett Rd					
Analysis Year	2024	2024					North	/South S	Street		Racqu	iet Cent	er DW			
Time Analyzed	Week	end Pea	k				Peak	Hour Fac	ctor		0.91					
Intersection Orientation	East-	East-West					Analy	sis Time	Period (	hrs)	0.25					
Project Description	Racqu	uet Cent	er Drivev	vay												
Lanes																
				ہے ج												
Vehicle Volumes and Adj	ustme	nts				or Street: Ea										
Vehicle Volumes and Adj Approach	ustme		bound			or Street: Ea				North	bound			South	bound	
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Approach		Eastb		R 3	Majo	or Street: Ea Westl	st-West bound	R 6	U	_		R 9	U	1		
Approach Movement	U	Eastb L	Т		Majo	West	oound		U	L	Т		U	L	Т	
Approach Movement Priority	U 1U	Eastb L 1	T 2	3	U 4U	Westl	bound T 5	6	U	L 7	Т 8	9	U	L 10	T 11	1
Approach Movement Priority Number of Lanes	U 1U	Eastb L 1	T 2 1	3	U 4U	Westl	bound T 5	6 0	U 0	L 7	Т 8	9	U	L 10 1	T 11	1
Approach Movement Priority Number of Lanes Configuration	U 1U	Eastb L 1 1 L	T 2 1 T	3	U 4U	Westl	bound T 5 1	6 0 TR	U	L 7	Т 8	9		L 10 1 L	T 11	1
Approach Movement Priority Number of Lanes Configuration Volume (veh/h)	U 1U	Eastb L 1 1 L 95	T 2 1 T	3	U 4U	Westl	bound T 5 1	6 0 TR		L 7	Т 8	9	U	L 10 1 L 41	T 11	
Approach Movement Priority Number of Lanes Configuration Volume (veh/h) Percent Heavy Vehicles (%) Proportion Time Blocked Percent Grade (%)	U 1U	Eastb L 1 1 L 95	T 2 1 T	3	U 4U	Westl	bound T 5 1	6 0 TR		L 7	Т 8	9		L 10 1 L 41 0	T 11	
Approach Movement Priority Number of Lanes Configuration Volume (veh/h) Percent Heavy Vehicles (%) Proportion Time Blocked Percent Grade (%) Right Turn Channelized	U 1U	Eastb L 1 1 L 95	T 2 1 T	3 0	Majo U 4U 0	Westl	bound T 5 1	6 0 TR		L 7	Т 8	9		L 10 1 L 41 0	T 111 0	
Approach Movement Priority Number of Lanes Configuration Volume (veh/h) Percent Heavy Vehicles (%) Proportion Time Blocked Percent Grade (%)	U 1U	Eastb L 1 1 L 95	T 2 1 T	3 0	U 4U	Westl	bound T 5 1	6 0 TR		L 7	Т 8	9		L 10 1 L 41 0	T 11 0	1
Approach Movement Priority Number of Lanes Configuration Volume (veh/h) Percent Heavy Vehicles (%) Proportion Time Blocked Percent Grade (%) Right Turn Channelized Median Type   Storage	U 1U 0 	Eastb 1 1 95 0	T 2 1 T	3 0	Majo U 4U 0	Westl	bound T 5 1	6 0 TR		L 7	Т 8	9		L 10 1 L 41 0	T 11 0	
Approach Movement Priority Number of Lanes Configuration Volume (veh/h) Percent Heavy Vehicles (%) Proportion Time Blocked Percent Grade (%) Right Turn Channelized Median Type   Storage	U 1U 0 	Eastb 1 1 95 0	T 2 1 T	3 0	Majo U 4U 0	Westl	bound T 5 1	6 0 TR		L 7	Т 8	9		L 10 1 L 41 0	T 11 0	
Approach Movement Priority Number of Lanes Configuration Volume (veh/h) Percent Heavy Vehicles (%) Proportion Time Blocked Percent Grade (%) Right Turn Channelized Median Type   Storage <b>Critical and Follow-up H</b> Base Critical Headway (sec)	U 1U 0 	Eastb L 1 95 0	T 2 1 T	3 0	Majo U 4U 0	Westl	bound T 5 1	6 0 TR		L 7	Т 8	9		L 10 1 L 41 0	T 11 0	
Approach Movement Priority Number of Lanes Configuration Volume (veh/h) Percent Heavy Vehicles (%) Proportion Time Blocked Percent Grade (%) Right Turn Channelized Median Type   Storage <b>Critical and Follow-up H</b> e Base Critical Headway (sec) Critical Headway (sec)	U 1U 0 	Eastb 1 95 0	T 2 1 T	3 0	Majo U 4U 0	Westl	bound T 5 1	6 0 TR		L 7	Т 8	9		L 10 1 41 0	T 11 0	6 6
Approach Movement Priority Number of Lanes Configuration Volume (veh/h) Percent Heavy Vehicles (%) Proportion Time Blocked Percent Grade (%) Right Turn Channelized Median Type   Storage <b>Critical and Follow-up H</b> Base Critical Headway (sec) Critical Headway (sec)	U 1U 0 	Eastb L 1 95 0	T 2 1 T	3 0	Majo U 4U 0	Westl	bound T 5 1	6 0 TR		L 7	Т 8	9		L 10 1 41 0	T 11 0	
Approach Movement Priority Number of Lanes Configuration Volume (veh/h) Percent Heavy Vehicles (%) Proportion Time Blocked Percent Grade (%) Right Turn Channelized Median Type   Storage <b>Critical And Follow-up H</b> a Base Critical Headway (sec) Critical Headway (sec)	U       1U       0       1U       0       10       0       10	Eastb L 1 95 0	T 2 1 351	3 0	Majo U 4U 0	Westl	bound T 5 1	6 0 TR		L 7	Т 8	9		L 10 1 41 0 - - - - - - - - - - - - - - - - - -	T 11 0	66. 3
Approach Movement Priority Number of Lanes Configuration Volume (veh/h) Percent Heavy Vehicles (%) Proportion Time Blocked Percent Grade (%) Right Turn Channelized Median Type   Storage <b>Critical And Follow-up He</b> Base Critical Headway (sec) Critical Headway (sec) Base Follow-Up Headway (sec)	U       1U       0       1U       0       10       0       10	Eastb L 1 95 0	T 2 1 351	3 0	Majo U 4U 0	Westl	bound T 5 1	6 0 TR		L 7	Т 8	9		L 10 1 41 0 - - - - - - - - - - - - - - - - - -	T 11 0	

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0.09

0.3

8.3

А

1.8

А

v/c Ratio

95% Queue Length, Q<sub>95</sub> (veh)

Control Delay (s/veh)

Level of Service (LOS)

Approach Delay (s/veh)

Approach LOS

B Generated: 1/15/2024 11:41:23 PM

13.3

0.15

0.5

19.1

С

0.15

0.5

10.9

В

Device ID: 400999 Operator: MY Begin: 11/27/2023 07:00 AM End: 11/30/2023 07:00 AM Hours: 72.00 Period (min): 15	Location: brentwood Lane: E/B Street: Crockett City: BRENTWO County: WILLIAMS State: TN		Raw Count: 14,543 AADT Count: 4,848 AADT Factor: 1 Speed Limit: 35			
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry		
		· · · ·	· · · ·			
Mon,11/27/2023						
[07:00 AM-07:15 AM]	14	44 MPH	41 F			
[07:15 AM-07:30 AM]	23	41 MPH	41 F			
[07:30 AM-07:45 AM]	23	42 MPH	41 F			
[07:45 AM-08:00 AM]	35	39 MPH	41 F			
[08:00 AM-08:15 AM]	63	38 MPH	41 F			
[08:15 AM-08:30 AM]	66	35 MPH	45 F			
[08:30 AM-08:45 AM]	111	33 MPH	46 F			
[08:45 AM-09:00 AM]	78	37 MPH	46 F			
[09:00 AM-09:15 AM]	55	40 MPH	50 F			
[09:15 AM-09:30 AM]	66	44 MPH	50 F			
[09:30 AM-09:45 AM]	53	44 MPH	46 F			
[09:45 AM-10:00 AM]	31	42 MPH	46 F			
[10:00 AM-10:15 AM]	41	44 MPH	45 F			
[10:15 AM-10:30 AM]	75	40 MPH	45 F			
[10:30 AM-10:45 AM]	54	45 MPH	45 F			
[10:45 AM-11:00 AM]	67	44 MPH	46 F			
[11:00 AM-11:15 AM]	65	42 MPH	52 F			
[11:15 AM-11:30 AM]	63	41 MPH	52 F			
[11:30 AM-11:45 AM]	72	45 MPH	55 F			
[11:45 AM-12:00 PM]	76	41 MPH	52 F			
[12:00 PM-12:15 PM]	54	45 MPH	55 F			
[12:15 PM-12:30 PM]	66	44 MPH	59 F			
[12:30 PM-12:45 PM]	70	44 MPH	61 F			
[12:45 PM-01:00 PM]	95	42 MPH	63 F			
[01:00 PM-01:15 PM]	62	42 MPH	59 F			
[01:15 PM-01:30 PM]	80	39 MPH	59 F			
[01:30 PM-01:45 PM]	75	43 MPH	59 F			
[01:45 PM-02:00 PM]	78	43 MPH	57 F			
[02:00 PM-02:15 PM]	89	41 MPH	55 F			
[02:15 PM-02:30 PM]	74	41 MPH	55 F			
[02:30 PM-02:45 PM]	78	37 MPH	54 F			
[02:45 PM-03:00 PM]	99	41 MPH	52 F			
[03:00 PM-03:15 PM]	126	38 MPH	52 F			
[03:15 PM-03:30 PM]	131	40 MPH	52 F			
[03:30 PM-03:45 PM]	94	38 MPH	50 F			
[03:45 PM-04:00 PM]	165	36 MPH	50 F			
[04:00 PM-04:15 PM]	137	37 MPH	48 F			
[04:15 PM-04:30 PM]	137	42 MPH	48 F			
[04:30 PM-04:45 PM]	146	39 MPH	46 F			
[04:45 PM-05:00 PM]	148	40 MPH	46 F			
•						
[05:00 PM-05:15 PM]	153	41 MPH	46 F			
[05:15 PM-05:30 PM]	138	42 MPH	45 F			
[05:30 PM-05:45 PM]	151	41 MPH	45 F			
[05:45 PM-06:00 PM]	110	44 MPH	43 F			

12/04/2023 09:25 AM

Device ID: 400999 Operator: MY Begin: 11/27/2023 07:00 AM End: 11/30/2023 07:00 AM Hours: 72.00 Period (min): 15	tor: MY         Lane: E/B           gin: 11/27/2023 07:00 AM         Street: Crockett           nd: 11/30/2023 07:00 AM         City: BRENTWOOD           urs: 72.00         County: WILLIAMSON		Raw Count: 14,543 AADT Count: 4,848 AADT Factor: 1 Speed Limit: 35			
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry		
Mon,11/27/2023						
[06:00 PM-06:15 PM]	92	43 MPH	43 F			
[06:15 PM-06:30 PM]	102	42 MPH	43 F			
[06:30 PM-06:45 PM]	104	45 MPH	43 F			
[06:45 PM-07:00 PM]	69	42 MPH	41 F			
[07:00 PM-07:15 PM]	63	46 MPH	41 F			
[07:15 PM-07:30 PM]	51	47 MPH	41 F			
[07:30 PM-07:45 PM]	49	44 MPH	41 F			
[07:45 PM-08:00 PM]	49	41 MPH	39 F			
[08:00 PM-08:15 PM]	54	43 MPH	39 F			
[08:15 PM-08:30 PM]	41	44 MPH	39 F			
[08:30 PM-08:45 PM]	44	45 MPH	37 F			
[08:45 PM-09:00 PM]	44	49 MPH	37 F			
[09:00 PM-09:15 PM]	27	46 MPH	37 F			
[09:15 PM-09:30 PM]	28	45 MPH	37 F			
[09:30 PM-09:45 PM]	18	53 MPH	37 F			
[09:45 PM-10:00 PM]	10	39 MPH	37 F			
[10:00 PM-10:15 PM]	7	45 MPH	37 F			
[10:00 PM-10:10 PM]	7	40 MPH	36 F			
[10:30 PM-10:45 PM]	5	52 MPH	36 F			
[10:45 PM-11:00 PM]	4	46 MPH	36 F			
[11:00 PM-11:15 PM]	2	60 MPH	36 F			
[11:15 PM-11:30 PM]	4	36 MPH	36 F			
[11:30 PM-11:45 PM]	2	42 MPH	36 F			
[11:45 PM-12:00 AM]	0	0 MPH	36 F			
Mon,11/27/2023	4554	41 MPH	46 F			
Tue,11/28/2023						
[12:00 AM-12:15 AM]	1	38 MPH	36 F			
[12:15 AM-12:30 AM]	4	38 MPH	36 F	·		
[12:30 AM-12:45 AM]	0	0 MPH	36 F			
[12:45 AM-01:00 AM]	3	38 MPH	36 F			
[01:00 AM-01:15 AM]	1	75 MPH	36 F			
[01:15 AM-01:30 AM]	1	62 MPH	34 F			
[01:30 AM-01:45 AM]	0	0 MPH	34 F			
[01:45 AM-02:00 AM]	0	0 MPH	34 F			
[02:00 AM-02:15 AM]	0	0 MPH	34 F			
[02:15 AM-02:30 AM]	0	0 MPH	34 F			
[02:30 AM-02:45 AM]	0	0 MPH	34 F			
[02:45 AM-03:00 AM]	0	0 MPH	34 F			
[03:00 AM-03:15 AM]	0	0 MPH	34 F			
[03:15 AM-03:30 AM]	0	0 MPH	34 F			
[03:30 AM-03:45 AM]	1	75 MPH	34 F			
[03:45 AM-04:00 AM]	0	0 MPH	34 F			
[04:00 AM-04:15 AM]	0	0 MPH	34 F			
[04:15 AM-04:30 AM]	1	48 MPH	34 F			

12/04/2023 09:25 AM

Page: 2

Device ID: 400999 Operator: MY Begin: 11/27/2023 07:00 AM End: 11/30/2023 07:00 AM Hours: 72.00 Period (min): 15	: MY Lane: E/B : 11/27/2023 07:00 AM Street: Crockett : 11/30/2023 07:00 AM City: BRENTWOOD : 72.00 County: WILLIAMSON			Raw Count: 14,543 AADT Count: 4,848 AADT Factor: 1 Speed Limit: 35			
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry			
Tue 11/28/2022							
Tue,11/28/2023	4	COMPLI	24 5				
[04:30 AM-04:45 AM]	1	62 MPH	34 F 34 F				
[04:45 AM-05:00 AM]	1	52 MPH	34 F				
[05:00 AM-05:15 AM]	2	43 MPH					
[05:15 AM-05:30 AM]	2	38 MPH	34 F 34 F				
[05:30 AM-05:45 AM]	0	0 MPH	34 F				
[05:45 AM-06:00 AM]	3	54 MPH					
[06:00 AM-06:15 AM]	8	48 MPH	34 F				
[06:15 AM-06:30 AM]	12	41 MPH	34 F				
[06:30 AM-06:45 AM]	10	43 MPH	34 F				
[06:45 AM-07:00 AM]	18	41 MPH	34 F				
[07:00 AM-07:15 AM]	26	42 MPH	34 F				
[07:15 AM-07:30 AM]	41	39 MPH	34 F				
[07:30 AM-07:45 AM]	75	37 MPH	36 F				
[07:45 AM-08:00 AM]	65	38 MPH	36 F				
[08:00 AM-08:15 AM]	45	39 MPH	37 F				
[08:15 AM-08:30 AM]	38	38 MPH	41 F				
[08:30 AM-08:45 AM]	105	32 MPH	43 F				
[08:45 AM-09:00 AM]	100	39 MPH	45 F				
[09:00 AM-09:15 AM]	66	40 MPH	46 F				
[09:15 AM-09:30 AM]	65	38 MPH	46 F				
[09:30 AM-09:45 AM]	39	46 MPH	43 F				
[09:45 AM-10:00 AM]	50	43 MPH	41 F				
[10:00 AM-10:15 AM]	53	40 MPH	41 F				
[10:15 AM-10:30 AM]	52	39 MPH	41 F				
[10:30 AM-10:45 AM]	53	41 MPH	41 F				
[10:45 AM-11:00 AM]	60	40 MPH	43 F				
[11:00 AM-11:15 AM]	62	45 MPH	46 F				
[11:15 AM-11:30 AM]	66	42 MPH	48 F				
[11:30 AM-11:45 AM]	69	44 MPH	52 F				
[11:45 AM-12:00 PM]	94	42 MPH	50 F				
[12:00 PM-12:15 PM]	71	43 MPH	50 F				
[12:15 PM-12:30 PM]	67	41 MPH	54 F				
[12:30 PM-12:45 PM]	84	46 MPH	55 F				
[12:45 PM-01:00 PM]	79	41 MPH	57 F				
[01:00 PM-01:15 PM]	68	40 MPH	55 F				
[01:15 PM-01:30 PM]	66	41 MPH	54 F				
[01:30 PM-01:45 PM]	67	42 MPH	54 F				
[01:45 PM-02:00 PM]	74	44 MPH	52 F				
[02:00 PM-02:15 PM]	91	41 MPH	50 F				
[02:15 PM-02:30 PM]	90	43 MPH	52 F				
[02:30 PM-02:45 PM]	80	43 MPH	50 F				
[02:45 PM-03:00 PM]	90	38 MPH	46 F				
[03:00 PM-03:15 PM]	141	39 MPH	46 F				
[03:15 PM-03:30 PM]	133	39 MPH	48 F				

Date And Time Range	Period		Raw Count: 14,543 AADT Count: 4,848 AADT Factor: 1 Speed Limit: 35			
	Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry		
Tue 11/28/2022						
Tue,11/28/2023 [03:30 PM-03:45 PM]	104	40 MPH	46 F			
[03:45 PM-04:00 PM]	162	37 MPH	46 F			
[04:00 PM-04:15 PM]	178	36 MPH	45 F			
[04:15 PM-04:30 PM]	148	39 MPH	43 F			
[04:30 PM-04:45 PM]	170	40 MPH	43 F			
[04:45 PM-05:00 PM]	158	41 MPH	43 F			
[05:00 PM-05:15 PM]	159	39 MPH	41 F			
[05:15 PM-05:30 PM]	159	40 MPH	41 F			
[05:30 PM-05:45 PM]	161	42 MPH	41 F			
[05:45 PM-06:00 PM]	138	41 MPH	39 F			
[06:00 PM-06:15 PM]	136	41 MPH	39 F			
[06:15 PM-06:30 PM]	114	42 MPH	37 F			
[06:30 PM-06:45 PM]	75	41 MPH	37 F			
[06:45 PM-07:00 PM]	76	41 MPH	37 F			
[07:00 PM-07:15 PM]	80	42 MPH	36 F			
[07:15 PM-07:30 PM]	73	47 MPH	36 F			
[07:30 PM-07:45 PM]	52	43 MPH	36 F			
[07:45 PM-08:00 PM]	66	43 MPH	36 F			
[08:00 PM-08:15 PM]	85	43 MPH	34 F			
[08:15 PM-08:30 PM]	58	41 MPH	34 F			
[08:30 PM-08:45 PM]	45	46 MPH	34 F			
[08:45 PM-09:00 PM]	35	46 MPH	34 F			
[09:00 PM-09:15 PM]	42	44 MPH	34 F			
[09:15 PM-09:30 PM]	23	47 MPH	32 F			
[09:30 PM-09:45 PM]	25	46 MPH	32 F			
[09:45 PM-10:00 PM]	18	45 MPH	32 F			
[10:00 PM-10:15 PM]	9	50 MPH	32 F			
[10:15 PM-10:30 PM]	12	48 MPH	32 F			
[10:30 PM-10:45 PM]	11	42 MPH	32 F			
[10:45 PM-11:00 PM]	6	37 MPH	32 F			
[11:00 PM-11:15 PM]	5	44 MPH	32 F			
[11:15 PM-11:30 PM]	7	42 MPH	32 F			
[11:30 PM-11:45 PM]	3	58 MPH	32 F			
[11:45 PM-12:00 AM]	1	0 MPH	32 F			
Tue,11/28/2023	5088	41 MPH	39 F			
Wed,11/29/2023						
	4		20 E			
[12:00 AM-12:15 AM]	1	42 MPH 37 MPH	32 F 32 F			
[12:15 AM-12:30 AM]	3		32 F 32 F			
[12:30 AM-12:45 AM]	2	58 MPH	32 F 32 F			
[12:45 AM-01:00 AM]	0	0 MPH 0 MPH	32 F 32 F			
[01:00 AM-01:15 AM]	0		32 F 32 F			
[01:15 AM-01:30 AM]	0					
[01:30 AM-01:45 AM] [01:45 AM-02:00 AM]	0	0 MPH 0 MPH	32 F 32 F			

12/04/2023 09:25 AM

Page: 4

Device ID: 400999 Operator: MY Begin: 11/27/2023 07:00 AM End: 11/30/2023 07:00 AM Hours: 72.00 Period (min): 15	Location: brentwood Lane: E/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN		Raw Count: 14, AADT Count: 4,8 AADT Factor: 1 Speed Limit: 35	
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,11/29/2023			· · · · ·	
[02:00 AM-02:15 AM]	0	0 MPH	32 F	
[02:15 AM-02:30 AM]	1	32 MPH	32 F	
[02:30 AM-02:45 AM]	0	0 MPH	32 F	
[02:45 AM-03:00 AM]	1	42 MPH	32 F	
[03:00 AM-03:15 AM]	0	0 MPH	32 F	
[03:15 AM-03:30 AM]	2	45 MPH	32 F	
[03:30 AM-03:45 AM]	0	0 MPH	32 F	
[03:45 AM-04:00 AM]	0	0 MPH	32 F 32 F	
[03:43 AM-04:00 AM] [04:00 AM-04:15 AM]	0	0 MPH 0 MPH	32 F 32 F	
[04:15 AM-04:30 AM]	0	0 MPH	32 F	
[04:30 AM-04:45 AM]	1	42 MPH	32 F	
[04:45 AM-05:00 AM]	2	42 MPH	32 F	
[05:00 AM-05:15 AM]	0	0 MPH	32 F	
[05:15 AM-05:30 AM]	2	43 MPH	32 F	
[05:30 AM-05:45 AM]	2	45 MPH	32 F	
	1		32 F 32 F	
[05:45 AM-06:00 AM] [06:00 AM-06:15 AM]	10		32 F 32 F	
	14	41 MPH	32 F 32 F	
[06:15 AM-06:30 AM]	4	43 MPH		
[06:30 AM-06:45 AM]		44 MPH	32 F	
[06:45 AM-07:00 AM]	12	44 MPH	32 F	
[07:00 AM-07:15 AM]	14 35	43 MPH	32 F	
[07:15 AM-07:30 AM]		35 MPH	32 F	
[07:30 AM-07:45 AM]	74	37 MPH	32 F	
[07:45 AM-08:00 AM]	77	35 MPH	32 F	
[08:00 AM-08:15 AM]	51	36 MPH	36 F	
[08:15 AM-08:30 AM]	43	37 MPH	39 F	
[08:30 AM-08:45 AM]	86	36 MPH	41 F	
[08:45 AM-09:00 AM]	47	39 MPH	43 F	
[09:00 AM-09:15 AM]	56	45 MPH	46 F	
[09:15 AM-09:30 AM]	61	40 MPH	46 F	
[09:30 AM-09:45 AM]	48	40 MPH	43 F	
[09:45 AM-10:00 AM]	43	41 MPH	43 F	
[10:00 AM-10:15 AM]	43	42 MPH	43 F	
[10:15 AM-10:30 AM]	48	43 MPH	43 F	
[10:30 AM-10:45 AM]	49	42 MPH	43 F	
[10:45 AM-11:00 AM]	64	42 MPH	46 F	
[11:00 AM-11:15 AM]	62	42 MPH	50 F	
[11:15 AM-11:30 AM]	49	46 MPH	52 F	
[11:30 AM-11:45 AM]	67	42 MPH	55 F	
[11:45 AM-12:00 PM]	71	43 MPH	54 F	
[12:00 PM-12:15 PM]	68	44 MPH	55 F	
[12:15 PM-12:30 PM]	63	45 MPH	59 F	
[12:30 PM-12:45 PM]	70	42 MPH	63 F	
[12:45 PM-01:00 PM]	76	40 MPH	64 F	

Device ID: 400999 Operator: MY Begin: 11/27/2023 07:00 AM End: 11/30/2023 07:00 AM Hours: 72.00 Period (min): 15	tor: MY         Lane: E/B           gin: 11/27/2023 07:00 AM         Street: Crockett           nd: 11/30/2023 07:00 AM         City: BRENTWOOD           urs: 72.00         County: WILLIAMSON		Raw Count: 14,543 AADT Count: 4,848 AADT Factor: 1 Speed Limit: 35			
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry		
Wed.11/29/2023						
[01:00 PM-01:15 PM]	86	44 MPH	63 F			
	67	44 MPH	61 F			
[01:15 PM-01:30 PM] [01:30 PM-01:45 PM]	83	42 MPH	63 F			
[01:45 PM-02:00 PM]	83	39 MPH	61 F			
	134	39 MPH	59 F			
[02:00 PM-02:15 PM] [02:15 PM-02:30 PM]	134	40 MPH	61 F			
[02:30 PM-02:45 PM]	74	40 MPH	59 F			
[02:45 PM-03:00 PM]	75	39 MPH	57 F			
[02:43 PM-03:00 PM]	143	38 MPH	55 F			
[03:15 PM-03:15 PM]	130	40 MPH	57 F			
[03:30 PM-03:45 PM]	89	41 MPH	55 F			
[03:45 PM-04:00 PM]	111	38 MPH	54 F			
[04:00 PM-04:15 PM]	131	40 MPH	54 F			
[04:00 PM-04:13 PM]	141	39 MPH	54 F			
[04:30 PM-04:45 PM]	155	39 MPH	52 F			
[04:45 PM-05:00 PM]	149	39 MPH	52 F			
[05:00 PM-05:15 PM]	140	39 MPH	52 F			
[05:15 PM-05:13 PM]	156	41 MPH	50 F			
[05:30 PM-05:45 PM]	156	41 MPH	50 F			
[05:45 PM-06:00 PM]	154	39 MPH	50 F			
[06:00 PM-06:15 PM]	127	43 MPH	50 F			
[06:15 PM-06:30 PM]	127	41 MPH	48 F			
[06:30 PM-06:45 PM]	75	39 MPH	48 F			
[06:45 PM-07:00 PM]	77	44 MPH	48 F			
[07:00 PM-07:15 PM]	84	43 MPH	46 F			
[07:15 PM-07:30 PM]	86	45 MPH	46 F			
[07:30 PM-07:45 PM]	61	47 MPH	46 F			
[07:45 PM-08:00 PM]	63	44 MPH	46 F			
[08:00 PM-08:15 PM]	75	44 MPH	46 F			
[08:15 PM-08:30 PM]	57	41 MPH	46 F			
[08:30 PM-08:45 PM]	34	46 MPH	45 F			
[08:45 PM-09:00 PM]	43	44 MPH	45 F			
[09:00 PM-09:15 PM]	41	40 MPH	45 F			
[09:15 PM-09:30 PM]	32	42 MPH	45 F			
[09:30 PM-09:45 PM]	13	52 MPH	45 F			
[09:45 PM-10:00 PM]	10	45 MPH	45 F			
[10:00 PM-10:15 PM]	10	48 MPH	45 F			
[10:15 PM-10:30 PM]	7	45 MPH	43 F			
[10:30 PM-10:45 PM]	9	53 MPH	43 F			
[10:45 PM-11:00 PM]	5	45 MPH	43 F			
[11:00 PM-11:15 PM]	5	38 MPH	43 F			
[11:15 PM-11:30 PM]	3	43 MPH	43 F			
[11:30 PM-11:45 PM]	5	55 MPH	43 F			
[11:45 PM-12:00 AM]	2	48 MPH	43 F			

Device ID: 400999 Operator: MY Begin: 11/27/2023 07:00 AM End: 11/30/2023 07:00 AM Hours: 72.00 Period (min): 15	Location: brentwood Lane: E/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN		Raw Count: 14,543 AADT Count: 4,848 AADT Factor: 1 Speed Limit: 35		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry	
Wed,11/29/2023	4852	41 MPH	44 F		
Thu,11/30/2023					
[12:00 AM-12:15 AM]	4	47 MPH	43 F		
[12:15 AM-12:30 AM]	1	0 MPH	43 F		
[12:30 AM-12:45 AM]	0	0 MPH	41 F		
[12:45 AM-01:00 AM]	0	0 MPH	41 F		
[01:00 AM-01:15 AM]	1	32 MPH	41 F		
[01:15 AM-01:30 AM]	1	48 MPH	41 F		
[01:30 AM-01:45 AM]	0	0 MPH	41 F		
[01:45 AM-02:00 AM]	0	0 MPH	41 F		
[02:00 AM-02:15 AM]	0	0 MPH	41 F		
[02:15 AM-02:30 AM]	0	0 MPH	41 F		
[02:30 AM-02:45 AM]	0	0 MPH	41 F		
[02:45 AM-03:00 AM]	0	0 MPH	41 F		
[03:00 AM-03:15 AM]	0	0 MPH	41 F		
[03:15 AM-03:30 AM]	0	0 MPH	41 F		
[03:30 AM-03:45 AM]	0	0 MPH	39 F		
[03:45 AM-04:00 AM]	1	48 MPH	41 F		
[04:00 AM-04:15 AM]	1	42 MPH	39 F		
[04:15 AM-04:30 AM]	0	0 MPH	39 F		
[04:30 AM-04:45 AM]	0	0 MPH	39 F		
[04:45 AM-05:00 AM]	0	0 MPH	39 F		
[05:00 AM-05:15 AM]	1	75 MPH	39 F		
[05:15 AM-05:30 AM]	3	58 MPH	37 F		
[05:30 AM-05:45 AM]	2	42 MPH	37 F		
[05:45 AM-06:00 AM]	2	23 MPH	37 F		
[06:00 AM-06:15 AM]	7	45 MPH	37 F		
[06:15 AM-06:30 AM]	8	45 MPH	37 F		
[06:30 AM-06:45 AM]	6	43 MPH	37 F		
[06:45 AM-07:00 AM]	11	37 MPH	37 F		
Thu,11/30/2023	49	43 MPH	40 F		
11/27/2023 07:00 AM					
11/30/2023 07:00 AM	14543	41 MPH	42 F		

Device ID: 402577 Operator: MY Begin: 11/27/2023 07:00 AM End: 11/30/2023 07:00 AM Hours: 72.00 Period (min): 15	Location: brentwood Lane: W/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN		Raw Count: 12, AADT Count: 4,2 AADT Factor: 1 Speed Limit: 35	
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadwa Surfac Wet/Dr
Mon,11/27/2023	I			
[07:00 AM-07:15 AM]	115			
	115	43 MPH	41 F	-
[07:15 AM-07:30 AM]	122	42 MPH	41 F	-
[07:30 AM-07:45 AM]	118	40 MPH	39 F	-
[07:45 AM-08:00 AM]	139	36 MPH	39 F	-
[08:00 AM-08:15 AM]	140	26 MPH	39 F	-
[08:15 AM-08:30 AM]	139	18 MPH	41 F	-
[08:30 AM-08:45 AM]	137	17 MPH	43 F	-
[08:45 AM-09:00 AM]	106	35 MPH	41 F	-
[09:00 AM-09:15 AM]	89	43 MPH	45 F	-
[09:15 AM-09:30 AM]	85	43 MPH	46 F	-
[09:30 AM-09:45 AM]	74	41 MPH	48 F	-
[09:45 AM-10:00 AM]	93	44 MPH	48 F	-
[10:00 AM-10:15 AM]	67	43 MPH	52 F	-
[10:15 AM-10:30 AM]	71	43 MPH	55 F	-
[10:30 AM-10:45 AM]	69	43 MPH	57 F	-
[10:45 AM-11:00 AM]	72	44 MPH	59 F	-
[11:00 AM-11:15 AM]	66	41 MPH	59 F	-
[11:15 AM-11:30 AM]	87	41 MPH	57 F	
[11:30 AM-11:45 AM]	70	44 MPH	55 F	-
[11:45 AM-12:00 PM]	69	42 MPH	57 F	-
[12:00 PM-12:15 PM]	48	43 MPH	59 F	-
[12:15 PM-12:30 PM]	60	43 MPH	61 F	-
[12:30 PM-12:45 PM]	64	42 MPH	61 F	-
[12:45 PM-01:00 PM]	74	44 MPH	61 F	-
[01:00 PM-01:15 PM]	58	44 MPH	59 F	-
[01:15 PM-01:30 PM]	51	43 MPH	59 F	-
[01:30 PM-01:45 PM]	64	43 MPH	55 F	
[01:45 PM-02:00 PM]	73	43 MPH	55 F	-
[02:00 PM-02:15 PM]	89	43 MPH	54 F	-
[02:15 PM-02:30 PM]	63	44 MPH	54 F	
[02:30 PM-02:45 PM]	55	43 MPH	52 F	
[02:45 PM-03:00 PM]	89	43 MPH	52 F	-
[03:00 PM-03:15 PM]	86	42 MPH	52 F	
[03:15 PM-03:30 PM]	58	44 MPH	50 F	
[03:30 PM-03:45 PM]	100	42 MPH	48 F	-
[03:45 PM-04:00 PM]	82	41 MPH	48 F	-
[04:00 PM-04:15 PM]	56	41 MPH	46 F	-
[04:15 PM-04:30 PM]	58	43 MPH	46 F	-
[04:30 PM-04:45 PM]	73	43 MPH	45 F	-
[04:45 PM-05:00 PM]	78	43 MPH	45 F	-
[04:45 PM-05:00 PM] [05:00 PM-05:15 PM]				-
	69	42 MPH	43 F	-
[05:15 PM-05:30 PM]	66	42 MPH	43 F	-
[05:30 PM-05:45 PM] [05:45 PM-06:00 PM]	62 34	42 MPH 44 MPH	43 F 41 F	-

Device ID: 402577 Operator: MY Begin: 11/27/2023 07:00 AM End: 11/30/2023 07:00 AM Hours: 72.00 Period (min): 15	MY         Lane:         W/B           11/27/2023         07:00         AM         Street:         Crockett           11/30/2023         07:00         AM         City:         BRENTWOOD           72.00         County:         WILLIAMSON		Raw Count: 12,755 AADT Count: 4,252 AADT Factor: 1 Speed Limit: 35			
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry		
Mon,11/27/2023						
[06:00 PM-06:15 PM]	34	42 MPH	41 F			
[06:15 PM-06:30 PM]	35	43 MPH	41 F			
[06:30 PM-06:45 PM]	42	44 MPH	41 F			
[06:45 PM-07:00 PM]	66	41 MPH	39 F			
[07:00 PM-07:15 PM]	22	44 MPH	39 F			
[07:15 PM-07:30 PM]	12	48 MPH	39 F			
[07:30 PM-07:45 PM]	10	47 MPH	39 F			
[07:45 PM-08:00 PM]	20	45 MPH	37 F			
[08:00 PM-08:15 PM]	12	45 MPH	37 F			
[08:15 PM-08:30 PM]	13	43 MPH	37 F			
[08:30 PM-08:45 PM]	6	39 MPH	37 F			
[08:45 PM-09:00 PM]	9	45 MPH	37 F			
[09:00 PM-09:15 PM]	6	46 MPH	36 F	-		
[09:15 PM-09:30 PM]	5	45 MPH	36 F	_		
[09:30 PM-09:45 PM]	5	42 MPH	36 F	-		
[09:45 PM-10:00 PM]	4	44 MPH	36 F			
[10:00 PM-10:15 PM]	5	46 MPH	36 F	-		
[10:15 PM-10:30 PM]	1	48 MPH	36 F	_		
[10:30 PM-10:45 PM]	0	0 MPH	36 F			
[10:45 PM-11:00 PM]	3	46 MPH	36 F			
[11:00 PM-11:15 PM]	2	50 MPH	36 F	-		
[11:15 PM-11:30 PM]	2	45 MPH	36 F			
	1	43 MPH	34 F	_		
[11:30 PM-11:45 PM]	2	38 MPH	34 F	-		
[11:45 PM-12:00 AM]				-		
Mon,11/27/2023	3855	40 MPH	45 F			
Tue,11/28/2023						
[12:00 AM-12:15 AM]	0	0 MPH	34 F	-		
[12:15 AM-12:30 AM]	2	55 MPH	34 F	-		
[12:30 AM-12:45 AM]	0	0 MPH	34 F	-		
[12:45 AM-01:00 AM]	0	0 MPH	34 F	-		
[01:00 AM-01:15 AM]	0	0 MPH	34 F	-		
[01:15 AM-01:30 AM]	2	43 MPH	34 F	-		
[01:30 AM-01:45 AM]	0	0 MPH	34 F	-		
[01:45 AM-02:00 AM]	0	0 MPH	34 F	-		
[02:00 AM-02:15 AM]	0	0 MPH	34 F	-		
[02:15 AM-02:30 AM]	0	0 MPH	32 F	-		
[02:30 AM-02:45 AM]	0	0 MPH	32 F	-		
[02:45 AM-03:00 AM]	0	0 MPH	32 F	-		
[03:00 AM-03:15 AM]	1	52 MPH	32 F	-		
[03:15 AM-03:30 AM]	1	38 MPH	34 F	-		
[03:30 AM-03:45 AM]	3	37 MPH	34 F	-		
[03:45 AM-04:00 AM]	1	52 MPH	34 F	-		
[04:00 AM-04:15 AM]	2	45 MPH	34 F	-		
[04:15 AM-04:30 AM]	6	46 MPH	34 F	-		

12/04/2023 09:26 AM

	IY 1/27/2023 07:00 AM 1/30/2023 07:00 AM 2.00	Lane: Street: City:	Crockett BRENTWOOD WILLIAMSON		Raw Count: 12, AADT Count: 4,2 AADT Factor: 1 Speed Limit: 35	
	Date And Time Range		Period Volume	Average Speed	Roadway Temperature	Roadwa Surfac Wet/Dr
	Tue,11/28/2023					
01	4:30 AM-04:45 AM]		4	45 MPH	34 F	_
	4:45 AM-05:00 AM]		8	44 MPH	32 F	
	5:00 AM-05:15 AM]		4	42 MPH	32 F	
-	5:15 AM-05:30 AM]		8	48 MPH	32 F	_
	5:30 AM-05:45 AM]		12	54 MPH	32 F	
-	5:45 AM-06:00 AM]		17	43 MPH	32 F	
-	6:00 AM-06:15 AM]		10	47 MPH	32 F	
	6:15 AM-06:30 AM]		38	41 MPH	32 F	-
-	6:30 AM-06:45 AM]		59	46 MPH	32 F 32 F	-
-	6:45 AM-07:00 AM]		102	43 MPH	32 F	
-	7:00 AM-07:15 AM]		144	43 MPH	34 F	-
	7:15 AM-07:30 AM]		157	29 MPH	36 F	-
•	7:30 AM-07:45 AM]		107	17 MPH	36 F	-
	7:45 AM-08:00 AM]		105	30 MPH	36 F	
	8:00 AM-08:15 AM]		102		36 F	-
	8:15 AM-08:30 AM]		185	42 MPH	36 F	
			175	34 MPH		
-	8:30 AM-08:45 AM] 8:45 AM-09:00 AM]			17 MPH	37 F	-
	9:00 AM-09:15 AM]		125 112	35 MPH	37 F	-
-	-			42 MPH	41 F	-
	9:15 AM-09:30 AM]		105	41 MPH	41 F	-
-	9:30 AM-09:45 AM]		77	42 MPH	45 F	-
	9:45 AM-10:00 AM]		85	43 MPH	48 F	-
-	0:00 AM-10:15 AM]		67	41 MPH	52 F	
Contract Contract	0:15 AM-10:30 AM]		71	41 MPH	54 F	
-	0:30 AM-10:45 AM]		77	41 MPH	54 F	a
-	0:45 AM-11:00 AM]		69	43 MPH	55 F	
-	1:00 AM-11:15 AM]		58	43 MPH	55 F	
	1:15 AM-11:30 AM]		75	44 MPH	54 F	
-	1:30 AM-11:45 AM]		63	43 MPH	52 F	
	1:45 AM-12:00 PM]		84	44 MPH	54 F	-
	2:00 PM-12:15 PM]		54	43 MPH	55 F	-
	2:15 PM-12:30 PM]		68	43 MPH	57 F	-
	2:30 PM-12:45 PM]		54	42 MPH	57 F	-
-	2:45 PM-01:00 PM]		77	43 MPH	57 F	-
-	1:00 PM-01:15 PM]		40	44 MPH	55 F	-
	1:15 PM-01:30 PM]		50	42 MPH	55 F	-
-	1:30 PM-01:45 PM]		53	43 MPH	50 F	
	1:45 PM-02:00 PM]		88	44 MPH	52 F	-
	2:00 PM-02:15 PM]		87	43 MPH	50 F	-
-	2:15 PM-02:30 PM]		66	43 MPH	48 F	-
	2:30 PM-02:45 PM]		77	43 MPH	48 F	-
-	2:45 PM-03:00 PM]		75	44 MPH	48 F	-
	3:00 PM-03:15 PM]		75	41 MPH	46 F	
[0	3:15 PM-03:30 PM]		69	43 MPH	46 F	-

Device ID: 402577 Operator: MY Begin: 11/27/2023 07:00 AM End: 11/30/2023 07:00 AM Hours: 72.00 Period (min): 15	Location:brentwoodRaw Count: 12,758Lane:W/BAADT Count: 4,252Street:CrockettAADT Factor: 1City:BRENTWOODSpeed Limit: 35County:WILLIAMSONState: TN		Lane: W/BAADT CountStreet: CrockettAADT FactorCity: BRENTWOODSpeed LimitCounty: WILLIAMSONStreet Limit		M/BAADT Count: 4,252CrockettAADT Factor: 1BRENTWOODSpeed Limit: 35WILLIAMSONSpeed Limit: 35		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadwa Surfac Wet/Dr			
Tue,11/28/2023							
[03:30 PM-03:45 PM]	83	41 MPH	45 F	-			
[03:45 PM-04:00 PM]	95	41 MPH	45 F	-			
[04:00 PM-04:15 PM]	68	41 MPH	43 F	-			
[04:15 PM-04:30 PM]	69	43 MPH	41 F	-			
[04:30 PM-04:45 PM]	85	41 MPH	41 F	-			
[04:45 PM-05:00 PM]	61	42 MPH	41 F	-			
[05:00 PM-05:15 PM]	53	43 MPH	39 F	-			
[05:15 PM-05:30 PM]	66	42 MPH	39 F	-			
[05:30 PM-05:45 PM]	64	43 MPH	37 F	-			
[05:45 PM-06:00 PM]	57	42 MPH	37 F	-			
[06:00 PM-06:15 PM]	43	43 MPH	37 F	-			
[06:15 PM-06:30 PM]	60	43 MPH	36 F				
[06:30 PM-06:45 PM]	39	44 MPH	36 F				
[06:45 PM-07:00 PM]	46	42 MPH	36 F				
[07:00 PM-07:15 PM]	24	44 MPH	34 F				
[07:15 PM-07:30 PM]	25	45 MPH	34 F				
[07:30 PM-07:45 PM]	14	44 MPH	34 F				
[07:45 PM-08:00 PM]	21	41 MPH	34 F				
[08:00 PM-08:15 PM]	15	45 MPH	32 F				
[08:15 PM-08:30 PM]	7	44 MPH	32 F				
[08:30 PM-08:45 PM]	8	43 MPH	32 F				
[08:45 PM-09:00 PM]	2	50 MPH	32 F				
[09:00 PM-09:15 PM]	10	47 MPH	32 F				
[09:15 PM-09:30 PM]	5	44 MPH	32 F				
[09:30 PM-09:45 PM]	5	41 MPH	32 F				
[09:45 PM-10:00 PM]	3	46 MPH	32 F				
[10:00 PM-10:15 PM]	2	58 MPH	32 F				
[10:15 PM-10:30 PM]	6	47 MPH	32 F				
[10:30 PM-10:45 PM]	1	58 MPH	32 F				
[10:45 PM-11:00 PM]	1	32 MPH	32 F				
[11:00 PM-11:15 PM]	1	42 MPH	32 F				
[11:15 PM-11:30 PM]	0	0 MPH	32 F				
[11:30 PM-11:45 PM]	1	52 MPH	32 F				
[11:45 PM-12:00 AM]	1	42 MPH	32 F				
Tue,11/28/2023	4297	40 MPH	39 F				
Wed,11/29/2023							
[12:00 AM-12:15 AM]	3	46 MPH	32 F				
[12:15 AM-12:30 AM]	1	42 MPH	32 F				
[12:30 AM-12:45 AM]	1	38 MPH	32 F				
[12:45 AM-01:00 AM]	1	42 MPH	32 F				
[01:00 AM-01:15 AM]	0	0 MPH	32 F				
[01:15 AM-01:30 AM]	1	42 MPH	32 F				
[01:30 AM-01:45 AM]	0	0 MPH	32 F				
[01:45 AM-02:00 AM]	0	0 MPH	32 F				

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Device ID: 402577 Operator: MY Begin: 11/27/2023 07:00 AM End: 11/30/2023 07:00 AM Hours: 72.00 Period (min): 15	Location: brentwood Lane: W/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN	AADT Count: 4,25 AADT Factor: 1 Speed Limit: 35		Lane: W/BAADT Count: 4,252Street: CrockettAADT Factor: 1City: BRENTWOODSpeed Limit: 35County: WILLIAMSONSpeed Limit: 35	
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry	
Wed,11/29/2023					
[02:00 AM-02:15 AM]	0	0 MPH	32 F		
[02:15 AM-02:30 AM]	0	0 MPH	32 F		
[02:30 AM-02:45 AM]	0	0 MPH	32 F		
[02:45 AM-03:00 AM]	0	0 MPH	32 F		
[02:43 AM-03:00 AM] [03:00 AM-03:15 AM]	0	0 MPH	32 F		
	0	0 MPH	32 F		
[03:15 AM-03:30 AM]			32 F		
[03:30 AM-03:45 AM]	0				
[03:45 AM-04:00 AM]	2	45 MPH	32 F 32 F		
[04:00 AM-04:15 AM]	0	0 MPH			
[04:15 AM-04:30 AM]	6	42 MPH	32 F		
[04:30 AM-04:45 AM]	8	44 MPH	32 F		
[04:45 AM-05:00 AM]	4	50 MPH	32 F		
[05:00 AM-05:15 AM]	4	44 MPH	32 F		
[05:15 AM-05:30 AM]	4	44 MPH	32 F		
[05:30 AM-05:45 AM]	12	48 MPH	32 F		
[05:45 AM-06:00 AM]	20	48 MPH	32 F		
[06:00 AM-06:15 AM]	20	43 MPH	32 F		
[06:15 AM-06:30 AM]	39	43 MPH	32 F		
[06:30 AM-06:45 AM]	61	45 MPH	32 F		
[06:45 AM-07:00 AM]	72	45 MPH	32 F		
[07:00 AM-07:15 AM]	158	42 MPH	32 F		
[07:15 AM-07:30 AM]	182	33 MPH	32 F		
[07:30 AM-07:45 AM]	144	17 MPH	32 F		
[07:45 AM-08:00 AM]	108	13 MPH	36 F		
[08:00 AM-08:15 AM]	94	40 MPH	34 F		
[08:15 AM-08:30 AM]	142	36 MPH	36 F		
[08:30 AM-08:45 AM]	163	25 MPH	36 F		
[08:45 AM-09:00 AM]	139	32 MPH	37 F		
[09:00 AM-09:15 AM]	93	41 MPH	41 F		
[09:15 AM-09:30 AM]	96	41 MPH	43 F		
[09:30 AM-09:45 AM]	91	43 MPH	45 F		
[09:45 AM-10:00 AM]	77	39 MPH	48 F		
[10:00 AM-10:15 AM]	75	42 MPH	52 F		
[10:15 AM-10:30 AM]	77	41 MPH	54 F		
[10:30 AM-10:45 AM]	73	43 MPH	55 F		
[10:45 AM-11:00 AM]	78	42 MPH	57 F		
[11:00 AM-11:15 AM]	61	43 MPH	57 F		
[11:15 AM-11:30 AM]	55	44 MPH	55 F		
[11:30 AM-11:45 AM]	61	42 MPH	55 F		
[11:45 AM-12:00 PM]	69	42 MPH	57 F		
[12:00 PM-12:15 PM]	61	43 MPH	59 F		
[12:15 PM-12:30 PM]	77	43 MPH	61 F		
			63 F		
[12:30 PM-12:45 PM] [12:45 PM-01:00 PM]	55 62	41 MPH 42 MPH	63 F		

12/04/2023 09:26 AM

Device ID: 402577 Operator: MY Begin: 11/27/2023 07:00 AM End: 11/30/2023 07:00 AM Hours: 72.00 Period (min): 15	Location: brentwood Lane: W/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN			Lane: W/BAADT Count: 4,252Street: CrockettAADT Factor: 1City: BRENTWOODSpeed Limit: 35county: WILLIAMSONSpeed Limit: 35		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry		
Wed,11/29/2023						
[01:00 PM-01:15 PM]	54	44 MPH	63 F			
[01:15 PM-01:30 PM]	96	43 MPH	63 F			
[01:30 PM-01:45 PM]	81	42 MPH	59 F			
[01:45 PM-02:00 PM]	92	42 MPH	59 F			
[02:00 PM-02:15 PM]	63	43 MPH	59 F			
[02:15 PM-02:30 PM]	68	42 MPH	57 F			
[02:30 PM-02:45 PM]	70	42 MPH	57 F			
[02:45 PM-03:00 PM]	69	43 MPH	57 F			
[02:45 PM-03:00 PM] [03:00 PM-03:15 PM]	49	45 MPH	55 F			
[03:15 PM-03:30 PM]	62	44 MPH	55 F			
	61	44 MPH	54 F			
[03:30 PM-03:45 PM]			54 F			
[03:45 PM-04:00 PM]	55	42 MPH	52 F			
[04:00 PM-04:15 PM]	70	42 MPH				
[04:15 PM-04:30 PM]	85	41 MPH	52 F			
[04:30 PM-04:45 PM]	76	42 MPH	50 F			
[04:45 PM-05:00 PM]	93	41 MPH	50 F			
[05:00 PM-05:15 PM]	74	40 MPH	50 F			
[05:15 PM-05:30 PM]	66	42 MPH	48 F			
[05:30 PM-05:45 PM]	65	41 MPH	48 F			
[05:45 PM-06:00 PM]	73	42 MPH	48 F			
[06:00 PM-06:15 PM]	62	43 MPH	48 F			
[06:15 PM-06:30 PM]	65	41 MPH	46 F			
[06:30 PM-06:45 PM]	32	43 MPH	46 F			
[06:45 PM-07:00 PM]	45	42 MPH	46 F			
[07:00 PM-07:15 PM]	27	44 MPH	46 F			
[07:15 PM-07:30 PM]	21	42 MPH	45 F			
[07:30 PM-07:45 PM]	14	44 MPH	45 F			
[07:45 PM-08:00 PM]	28	42 MPH	45 F			
[08:00 PM-08:15 PM]	18	42 MPH	45 F			
[08:15 PM-08:30 PM]	15	43 MPH	45 F			
[08:30 PM-08:45 PM]	10	42 MPH	45 F			
[08:45 PM-09:00 PM]	5	48 MPH	45 F			
[09:00 PM-09:15 PM]	11	45 MPH	45 F			
[09:15 PM-09:30 PM]	6	46 MPH	45 F			
[09:30 PM-09:45 PM]	1	58 MPH	43 F			
[09:45 PM-10:00 PM]	3	46 MPH	43 F			
[10:00 PM-10:15 PM]	3	44 MPH	43 F			
[10:15 PM-10:30 PM]	3	49 MPH	43 F			
[10:30 PM-10:45 PM]	0	0 MPH	43 F			
[10:45 PM-11:00 PM]	2	45 MPH	43 F			
[11:00 PM-11:15 PM]	0	0 MPH	43 F			
[11:15 PM-11:30 PM]	0	0 MPH	41 F			
[11:30 PM-11:45 PM]	4	46 MPH	41 F			
[11:45 PM-12:00 AM]	4	40 MPH	41 F			

Device ID: 402577 Operator: MY Begin: 11/27/2023 07:00 AM End: 11/30/2023 07:00 AM Hours: 72:00 Period (min): 15	Location: brentwood Lane: W/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN		: 12,755 : 4,252 : 1 : 35	
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Wed,11/29/2023	4351	39 MPH	44 F	
Thu,11/30/2023				
[12:00 AM-12:15 AM]	0	0 MPH	41 F	
[12:15 AM-12:30 AM]	1	38 MPH	41 F	
[12:30 AM-12:45 AM]	0	0 MPH	41 F	
[12:45 AM-01:00 AM]	0	0 MPH	41 F	
[01:00 AM-01:15 AM]	0	0 MPH	41 F	
[01:15 AM-01:30 AM]	0	0 MPH	41 F	
[01:30 AM-01:45 AM]	0	0 MPH	41 F	
[01:45 AM-02:00 AM]	1	42 MPH	39 F	
[02:00 AM-02:15 AM]	0	0 MPH	39 F	
[02:15 AM-02:30 AM]	0	0 MPH	39 F	
[02:30 AM-02:45 AM]	0	0 MPH	39 F	
[02:45 AM-03:00 AM]	0	0 MPH	39 F	
[03:00 AM-03:15 AM]	0	0 MPH	39 F	
[03:15 AM-03:30 AM]	1	38 MPH	39 F	
[03:30 AM-03:45 AM]	2	48 MPH	39 F	
[03:45 AM-04:00 AM]	1	48 MPH	39 F	
[04:00 AM-04:15 AM]	4	44 MPH	39 F	
[04:15 AM-04:30 AM]	5	40 MPH	39 F	
[04:30 AM-04:45 AM]	4	46 MPH	37 F	
[04:45 AM-05:00 AM]	6	45 MPH	37 F	
[05:00 AM-05:15 AM]	3	47 MPH	37 F	
[05:15 AM-05:30 AM]	4	45 MPH	37 F	
[05:30 AM-05:45 AM]	15	51 MPH	37 F	
[05:45 AM-06:00 AM]	19	41 MPH	37 F	
[06:00 AM-06:15 AM]	15	45 MPH	37 F	
[06:15 AM-06:30 AM]	28	48 MPH	37 F	
[06:30 AM-06:45 AM]	57	44 MPH	37 F	
[06:45 AM-07:00 AM]	86	44 MPH	37 F	
Thu,11/30/2023	252	45 MPH	39 F	
11/27/2023 07:00 AM				
11/30/2023 07:00 AM	12755	40 MPH	42 F	

Device ID: 402576 Operator: MY Begin: 12/01/2023 07:00 AM End: 12/04/2023 07:00 AM Hours: 72.00 Period (min): 15	Location: brentwood Lane: E/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN	Lane: E/BAADT Count: 3,880Street: CrockettAADT Factor: 1City: BRENTWOODSpeed Limit: 35County: WILLIAMSONStreet Limit: 35		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadwa Surfac Wet/Dr
Fri,12/01/2023				
[07:00 AM-07:15 AM]	19	44 MPH	48 F	-
[07:15 AM-07:30 AM]	22	42 MPH	48 F	-
[07:30 AM-07:45 AM]	78	39 MPH	48 F	-
[07:45 AM-08:00 AM]	59	40 MPH	48 F	-
[08:00 AM-08:15 AM]	33	39 MPH	50 F	
[08:15 AM-08:30 AM]	37	41 MPH	50 F	-
[08:30 AM-08:45 AM]	71	39 MPH	50 F	
[08:45 AM-09:00 AM]	56	39 MPH	50 F	
	42	43 MPH	50 F	
[09:00 AM-09:15 AM]	42	42 MPH	50 F	
[09:15 AM-09:30 AM]	40	42 MPH	52 F	
[09:30 AM-09:45 AM]			52 F	
[09:45 AM-10:00 AM]	49	45 MPH 48 MPH	52 F	
[10:00 AM-10:15 AM]	39		52 F 54 F	
[10:15 AM-10:30 AM]	52	46 MPH	54 F 54 F	
[10:30 AM-10:45 AM]	40	45 MPH		
[10:45 AM-11:00 AM]	58	45 MPH	54 F	
[11:00 AM-11:15 AM]	59	46 MPH	54 F	
[11:15 AM-11:30 AM]	70	46 MPH	54 F	
[11:30 AM-11:45 AM]	63	48 MPH	55 F	
[11:45 AM-12:00 PM]	63	42 MPH	55 F	
[12:00 PM-12:15 PM]	57	45 MPH	57 F	
[12:15 PM-12:30 PM]	80	45 MPH	59 F	
[12:30 PM-12:45 PM]	76	41 MPH	57 F	
[12:45 PM-01:00 PM]	74	44 MPH	57 F	
[01:00 PM-01:15 PM]	86	44 MPH	59 F	
[01:15 PM-01:30 PM]	64	49 MPH	59 F	
[01:30 PM-01:45 PM]	97	46 MPH	59 F	
[01:45 PM-02:00 PM]	97	47 MPH	59 F	
[02:00 PM-02:15 PM]	118	45 MPH	59 F	
[02:15 PM-02:30 PM]	95	44 MPH	57 F	
[02:30 PM-02:45 PM]	89	46 MPH	59 F	
[02:45 PM-03:00 PM]	87	40 MPH	59 F	
[03:00 PM-03:15 PM]	145	39 MPH	59 F	
[03:15 PM-03:30 PM]	128	39 MPH	59 F	
[03:30 PM-03:45 PM]	108	40 MPH	59 F	
[03:45 PM-04:00 PM]	163	40 MPH	59 F	
[04:00 PM-04:15 PM]	143	43 MPH	59 F	
[04:15 PM-04:30 PM]	139	44 MPH	59 F	
[04:30 PM-04:45 PM]	123	45 MPH	59 F	
[04:45 PM-05:00 PM]	134	40 MPH	59 F	
[05:00 PM-05:15 PM]	120	42 MPH	59 F	
[05:15 PM-05:30 PM]	118	43 MPH	59 F	
[05:30 PM-05:45 PM]	98	43 MPH	59 F	
[05:45 PM-06:00 PM]	99	42 MPH	59 F	

Device ID: 402576 Operator: MY Begin: 12/01/2023 07:00 AM End: 12/04/2023 07:00 AM Hours: 72.00 Period (min): 15	Location: brentwood Lane: E/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN			Lane: E/BAADT Count: 3,880Street: CrockettAADT Factor: 1City: BRENTWOODSpeed Limit: 35ounty: WILLIAMSONSpeed Limit: 35		
Date		~		Roadway		
And Time Range	Period Volume	Average Speed	Roadway Temperature	Surface Wet/Dry		
Fri,12/01/2023						
[06:00 PM-06:15 PM]	90	43 MPH	57 F			
[06:15 PM-06:30 PM]	85	44 MPH	57 F			
[06:30 PM-06:45 PM]	67	44 MPH	57 F			
[06:45 PM-07:00 PM]	61	47 MPH	57 F			
[07:00 PM-07:15 PM]	94	46 MPH	57 F			
[07:15 PM-07:30 PM]	62	41 MPH	57 F			
[07:30 PM-07:45 PM]	66	43 MPH	55 F			
[07:45 PM-08:00 PM]	62	45 MPH	55 F			
[08:00 PM-08:15 PM]	46	45 MPH	55 F			
[08:15 PM-08:30 PM]	52	46 MPH	55 F			
[08:30 PM-08:45 PM]	42	51 MPH	55 F			
[08:45 PM-09:00 PM]	33	47 MPH	55 F			
[09:00 PM-09:15 PM]	47	46 MPH	55 F			
[09:15 PM-09:30 PM]	34	42 MPH	55 F			
[09:30 PM-09:45 PM]	29	52 MPH	55 F			
[09:45 PM-10:00 PM]	23	47 MPH	55 F			
[10:00 PM-10:15 PM]	18	46 MPH	55 F			
[10:15 PM-10:30 PM]	24	43 MPH	55 F			
[10:30 PM-10:45 PM]	14	44 MPH	55 F			
[10:45 PM-11:00 PM]	11	55 MPH	55 F			
[11:00 PM-11:15 PM]	15	45 MPH	55 F			
[11:15 PM-11:30 PM]	14	52 MPH	55 F			
[11:30 PM-11:45 PM]	7	35 MPH	55 F			
[11:45 PM-12:00 AM]	5	40 MPH	55 F			
Fri,12/01/2023	4532	43 MPH	55 F			
Sat,12/02/2023						
[12:00 AM-12:15 AM]	9	48 MPH	54 F			
[12:15 AM-12:30 AM]	5	39 MPH	54 F			
[12:30 AM-12:45 AM]	3	38 MPH	54 F			
[12:45 AM-01:00 AM]	1	62 MPH	54 F			
[01:00 AM-01:15 AM]	0	0 MPH	54 F			
[01:15 AM-01:30 AM]	2	48 MPH	54 F			
[01:30 AM-01:45 AM]	1	48 MPH	54 F			
[01:45 AM-02:00 AM]	3	39 MPH	54 F			
[02:00 AM-02:15 AM]	1	38 MPH	54 F			
[02:15 AM-02:30 AM]	0	0 MPH	54 F			
[02:30 AM-02:45 AM]	0	0 MPH	54 F			
[02:45 AM-03:00 AM]	0	0 MPH	54 F			
[03:00 AM-03:15 AM]	1	32 MPH	55 F			
[03:15 AM-03:30 AM]	0	0 MPH	55 F			
[03:30 AM-03:45 AM]	1	75 MPH	55 F			
[03:45 AM-04:00 AM]	0	0 MPH	55 F			
[04:00 AM-04:15 AM]	1	48 MPH	55 F			
[04:15 AM-04:30 AM]	1	58 MPH	55 F			

12/04/2023 09:26 AM

2

Date	State: IN	Location:brentwoodRaw Count:11,639Lane:E/BAADT Count:3,880Street:CrockettAADT Factor:1City:BRENTWOODSpeed Limit:35County:WILLIAMSONState:TN	AADT Count: 3,8 AADT Factor: 1	
And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Sat,12/02/2023				
[04:30 AM-04:45 AM]	0	0 MPH	55 F	
[04:45 AM-05:00 AM]	0	0 MPH	55 F	
[05:00 AM-05:15 AM]	0	0 MPH	55 F	
[05:15 AM-05:30 AM]	0	0 MPH	55 F	
[05:30 AM-05:45 AM]	0	0 MPH	55 F	
[05:45 AM-06:00 AM]	1	48 MPH	55 F	
[06:00 AM-06:15 AM]	2	30 MPH	55 F	
[06:15 AM-06:30 AM]	2	62 MPH	55 F	
[06:30 AM-06:45 AM]	2	40 MPH	55 F	
[06:45 AM-07:00 AM]	2	60 MPH	55 F	
[07:00 AM-07:15 AM]	3	39 MPH	55 F	
[07:15 AM-07:30 AM]	8	39 MPH	55 F	
[07:30 AM-07:45 AM]	9	55 MPH	55 F	
[07:45 AM-08:00 AM]		41 MPH	55 F	
	8			
[08:00 AM-08:15 AM]	16	54 MPH	57 F	
[08:15 AM-08:30 AM]	15	50 MPH	57 F	
[08:30 AM-08:45 AM]	16	46 MPH	57 F	
[08:45 AM-09:00 AM]	29	46 MPH	57 F	
[09:00 AM-09:15 AM]	41	44 MPH	59 F	
[09:15 AM-09:30 AM]	37	42 MPH	59 F	
[09:30 AM-09:45 AM]	37	45 MPH	59 F	
[09:45 AM-10:00 AM]	42	46 MPH	59 F	
[10:00 AM-10:15 AM]	50	46 MPH	59 F	
[10:15 AM-10:30 AM]	47	43 MPH	59 F	
[10:30 AM-10:45 AM]	49	44 MPH	59 F	
[10:45 AM-11:00 AM]	70	44 MPH	59 F	
[11:00 AM-11:15 AM]	64	46 MPH	59 F	
[11:15 AM-11:30 AM]	68	45 MPH	59 F	
[11:30 AM-11:45 AM]	73	45 MPH	59 F	
[11:45 AM-12:00 PM]	58	44 MPH	59 F	
[12:00 PM-12:15 PM]	84	46 MPH	59 F	
[12:15 PM-12:30 PM]	83	43 MPH	61 F	
[12:30 PM-12:45 PM]	74	45 MPH	59 F	
[12:45 PM-01:00 PM]	96	43 MPH	59 F	
[01:00 PM-01:15 PM]	79	46 MPH	59 F	
[01:15 PM-01:30 PM]	86	44 MPH	59 F	
[01:30 PM-01:45 PM]	75	45 MPH	59 F	
[01:45 PM-02:00 PM]	82	42 MPH	59 F	
[02:00 PM-02:15 PM]	85	45 MPH	59 F	
[02:15 PM-02:30 PM]	95	46 MPH	59 F	
[02:30 PM-02:45 PM]	83	42 MPH	59 F	
[02:45 PM-03:00 PM]	104	46 MPH	59 F	
[03:00 PM-03:15 PM]	94	43 MPH	59 F	
[03:15 PM-03:30 PM]	72	46 MPH	59 F	

Device ID: 402576 Operator: MY Begin: 12/01/2023 07:00 AM End: 12/04/2023 07:00 AM Hours: 72.00 Period (min): 15	Lane: E/B Street: Crocke City: BRENT	Street: Crockett     AADT Factor: 1       City: BRENTWOOD     Speed Limit: 35       County: WILLIAMSON     Speed Limit: 35	AADT Count: 3,88 AADT Factor: 1	
Date And Time Range	Period Volume	5	Roadway Temperature	Roadwa Surfac Wet/Dr
Sat,12/02/2023				
[03:30 PM-03:45 PM]	79	46 MPH	59 F	
[03:45 PM-04:00 PM]	78	43 MPH	59 F	-
[04:00 PM-04:15 PM]	87	45 MPH	59 F	-
[04:15 PM-04:30 PM]	101	44 MPH	59 F	-
[04:30 PM-04:45 PM]	70	43 MPH	59 F	_
[04:45 PM-05:00 PM]	90	45 MPH	59 F	-
[05:00 PM-05:15 PM]	90	45 MPH	59 F	-
[05:15 PM-05:30 PM]	81	44 MPH	57 F	-
[05:30 PM-05:45 PM]	50	43 MPH	57 F	-
[05:45 PM-06:00 PM]	66	41 MPH	57 F	-
[06:00 PM-06:15 PM]	99	37 MPH	57 F	-
[06:15 PM-06:30 PM]	78	44 MPH	57 F	-
[06:30 PM-06:45 PM]	60	45 MPH	57 F	-
[06:45 PM-07:00 PM]	74	40 MPH	57 F	-
[07:00 PM-07:15 PM]	44	43 MPH	57 F	
[07:15 PM-07:30 PM]	46	42 MPH	57 F	
[07:30 PM-07:45 PM]	66	46 MPH	57 F	
[07:45 PM-08:00 PM]	39	40 MPH	55 F	-
[08:00 PM-08:15 PM]	46	49 MPH	55 F	
[08:15 PM-08:30 PM]	49	46 MPH	55 F	
[08:30 PM-08:45 PM]	36	46 MPH	55 F	
[08:45 PM-09:00 PM]	32	47 MPH	55 F	
[09:00 PM-09:15 PM]	34	46 MPH	55 F	
[09:15 PM-09:30 PM]	36	43 MPH	55 F	
[09:30 PM-09:45 PM]	18	42 MPH	55 F	
[09:45 PM-10:00 PM]	18	42 MPH	55 F	
[10:00 PM-10:15 PM]	20	47 MPH	55 F	
[10:15 PM-10:30 PM]	24	44 MPH	55 F	
[10:30 PM-10:45 PM]	12	51 MPH	55 F	
[10:45 PM-11:00 PM]	16	44 MPH	55 F	
[11:00 PM-11:15 PM]	14	49 MPH	55 F	
[11:15 PM-11:30 PM]	5	44 MPH	54 F	-
[11:30 PM-11:45 PM]	10	43 MPH	54 F	
[11:45 PM-12:00 AM]	4	40 MPH	54 F	
Sat,12/02/2023	3642	44 MPH	57 F	
Sun,12/03/2023				
	0	FOMOL	EAE	
[12:00 AM-12:15 AM]	6	50 MPH	54 F	-
[12:15 AM-12:30 AM]	3	4 MPH	54 F	-
[12:30 AM-12:45 AM]	1	42 MPH	54 F	-
[12:45 AM-01:00 AM]	1	0 MPH	54 F	
[01:00 AM-01:15 AM]	3	45 MPH	54 F	
[01:15 AM-01:30 AM]	3	57 MPH	54 F	-
[01:30 AM-01:45 AM]	3	39 MPH	54 F	-

12/04/2023 09:26 AM

Page: 4

Device ID: 402576 Operator: MY Begin: 12/01/2023 07:00 AM End: 12/04/2023 07:00 AM Hours: 72.00 Period (min): 15	Location:brentwoodRaw Count: 11,639Lane:E/BAADT Count: 3,880Street:CrockettAADT Factor: 1City:BRENTWOODSpeed Limit: 35County:WILLIAMSONState:TN		AADT Count: 3,880 AADT Factor: 1	
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
0				
Sun,12/03/2023			54 F	
[02:00 AM-02:15 AM]	1	48 MPH	54 F	
[02:15 AM-02:30 AM]	1	72 MPH	54 F	
[02:30 AM-02:45 AM]	0		54 F	
[02:45 AM-03:00 AM]	1	28 MPH	54 F	
[03:00 AM-03:15 AM]	2	32 MPH	54 F	
[03:15 AM-03:30 AM]	2	53 MPH	54 F	
[03:30 AM-03:45 AM]	3	34 MPH	54 F	
[03:45 AM-04:00 AM]	0	0 MPH	54 F	
[04:00 AM-04:15 AM]	1	52 MPH	54 F	
[04:15 AM-04:30 AM]	1	48 MPH	52 F	
[04:30 AM-04:45 AM]	1	72 MPH	52 F	
[04:45 AM-05:00 AM]	0	0 MPH	52 F	
[05:00 AM-05:15 AM]	0	0 MPH	52 F	
[05:15 AM-05:30 AM]	1	42 MPH	52 F	
[05:30 AM-05:45 AM]	1	0 MPH	52 F	
[05:45 AM-06:00 AM]	0	0 MPH	50 F	
[06:00 AM-06:15 AM]	4	51 MPH	50 F	
[06:15 AM-06:30 AM]	0	0 MPH	50 F	
[06:30 AM-06:45 AM]	0	0 MPH	50 F	
[06:45 AM-07:00 AM]	3	39 MPH	50 F	
[07:00 AM-07:15 AM]	3	51 MPH	50 F	
[07:15 AM-07:30 AM]	6	57 MPH	50 F	
[07:30 AM-07:45 AM]	7	46 MPH	50 F	
[07:45 AM-08:00 AM]	2	57 MPH	52 F	
[08:00 AM-08:15 AM]	7	44 MPH	52 F	
[08:15 AM-08:30 AM]	17	44 MPH	54 F	
[08:30 AM-08:45 AM]	14	42 MPH	54 F	
[08:45 AM-09:00 AM]	20	40 MPH	55 F	
[09:00 AM-09:15 AM]	17	42 MPH	57 F	
[09:15 AM-09:30 AM]	15	49 MPH	57 F	
[09:30 AM-09:45 AM]	79	43 MPH	55 F	
[09:45 AM-10:00 AM]	75	43 MPH	55 F	
[10:00 AM-10:15 AM]	30	46 MPH	59 F	
[10:15 AM-10:30 AM]	36	45 MPH	57 F	
[10:30 AM-10:45 AM]	54	46 MPH	59 F	
[10:45 AM-11:00 AM]	80	46 MPH	63 F	
[11:00 AM-11:15 AM]	85	45 MPH	61 F	
[11:15 AM-11:30 AM]	57	47 MPH	59 F	
[11:30 AM-11:45 AM]	51	45 MPH	63 F	
[11:45 AM-12:00 PM]	51	43 MPH	68 F	
[12:00 PM-12:15 PM]	93	44 MPH	68 F	
[12:15 PM-12:30 PM]	107	42 MPH	66 F	
[12:30 PM-12:45 PM]	73	45 MPH	68 F	
[12:45 PM-01:00 PM]	79	43 MPH	68 F	
MY 12/01/2023 07:00 AM 12/04/2023 07:00 AM 72.00	Location: brentwood Lane: E/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN		Raw Count: AADT Count: AADT Factor: Speed Limit: 5	3,880 1
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Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Sun,12/03/2023				
[01:00 PM-01:15 PM]	85	46 MPH	68 F	
[01:15 PM-01:30 PM]	56	44 MPH	68 F	
[01:30 PM-01:45 PM]	77	47 MPH	66 F	
[01:45 PM-02:00 PM]	67	44 MPH	66 F	
[02:00 PM-02:15 PM]	76	45 MPH	64 F	
[02:15 PM-02:30 PM]	79	46 MPH	64 F	
 [02:30 PM-02:45 PM]	73	46 MPH	64 F	
[02:45 PM-03:00 PM]	76	43 MPH	63 F	
[02:45 PM-03:00 PM] [03:00 PM-03:15 PM]	78	45 MPH	63 F	
[03:15 PM-03:30 PM]	69	43 MPH	61 F	
 	90	44 MPH	61 F	
[03:30 PM-03:45 PM]	88		59 F	
[03:45 PM-04:00 PM]		45 MPH		
[04:00 PM-04:15 PM]	86	44 MPH	59 F	
[04:15 PM-04:30 PM]	92	45 MPH	57 F	
[04:30 PM-04:45 PM]	96	44 MPH	55 F	
[04:45 PM-05:00 PM]	92	44 MPH	55 F	
[05:00 PM-05:15 PM]	90	44 MPH	55 F	
[05:15 PM-05:30 PM]	78	44 MPH	54 F	
[05:30 PM-05:45 PM]	76	48 MPH	54 F	
[05:45 PM-06:00 PM]	67	44 MPH	52 F	-
[06:00 PM-06:15 PM]	70	46 MPH	52 F	
[06:15 PM-06:30 PM]	62	46 MPH	52 F	-
[06:30 PM-06:45 PM]	76	45 MPH	50 F	
[06:45 PM-07:00 PM]	104	44 MPH	50 F	
[07:00 PM-07:15 PM]	39	47 MPH	50 F	-
[07:15 PM-07:30 PM]	34	45 MPH	48 F	-
[07:30 PM-07:45 PM]	32	49 MPH	48 F	-
[07:45 PM-08:00 PM]	32	49 MPH	48 F	-
[08:00 PM-08:15 PM]	42	47 MPH	46 F	-
[08:15 PM-08:30 PM]	65	49 MPH	46 F	-
[08:30 PM-08:45 PM]	37	44 MPH	46 F	-
[08:45 PM-09:00 PM]	15	44 MPH	46 F	-
[09:00 PM-09:15 PM]	12	47 MPH	45 F	-
[09:15 PM-09:30 PM]	16	45 MPH	45 F	-
[09:30 PM-09:45 PM]	14	48 MPH	45 F	-
[09:45 PM-10:00 PM]	5	46 MPH	45 F	
[10:00 PM-10:15 PM]	6	42 MPH	45 F	
[10:15 PM-10:30 PM]	6	39 MPH	45 F	
[10:30 PM-10:45 PM]	5	55 MPH	45 F	
[10:45 PM-11:00 PM]	2	45 MPH	45 F	
[11:00 PM-11:15 PM]	1	42 MPH	45 F	
[11:15 PM-11:30 PM]	5	43 MPH	45 F	
[11:30 PM-11:45 PM]	2	37 MPH	45 F	
[11:45 PM-12:00 AM]	1	62 MPH	45 F	

Device ID: 402576 Operator: MY Begin: 12/01/2023 07:00 AM End: 12/04/2023 07:00 AM Hours: 72.00 Period (min): 15	Location: brentwood Lane: E/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN		Raw Count: 11,639 AADT Count: 3,880 AADT Factor: 1 Speed Limit: 35		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadwa Surfac Wet/Di	
Sun,12/03/2023	3371	45 MPH	54 F		
Mon,12/04/2023					
[12:00 AM-12:15 AM]	1	0 MPH	45 F		
[12:15 AM-12:30 AM]	1	38 MPH	45 F		
[12:30 AM-12:45 AM]	2	38 MPH	45 F		
[12:45 AM-01:00 AM]	1	48 MPH	46 F		
[01:00 AM-01:15 AM]	1	42 MPH	46 F		
[01:15 AM-01:30 AM]	0	0 MPH	46 F		
[01:30 AM-01:45 AM]	0	0 MPH	46 F		
[01:45 AM-02:00 AM]	2	59 MPH	46 F		
[02:00 AM-02:15 AM]	0	0 MPH	46 F		
[02:15 AM-02:30 AM]	0	0 MPH	46 F		
[02:30 AM-02:45 AM]	0	0 MPH	46 F		
[02:45 AM-03:00 AM]	1	58 MPH	46 F		
[03:00 AM-03:15 AM]	1	28 MPH	46 F		
[03:15 AM-03:30 AM]	0	0 MPH	46 F		
[03:30 AM-03:45 AM]	1	42 MPH	46 F		
[03:45 AM-04:00 AM]	0	0 MPH	45 F		
[04:00 AM-04:15 AM]	0	0 MPH	45 F		
[04:15 AM-04:30 AM]	0	0 MPH	45 F		
[04:30 AM-04:45 AM]	2	42 MPH	46 F		
[04:45 AM-05:00 AM]	1	42 MPH	46 F		
[05:00 AM-05:15 AM]	0	0 MPH	46 F		
[05:15 AM-05:30 AM]	2	53 MPH	46 F		
[05:30 AM-05:45 AM]	2	38 MPH	46 F		
[05:45 AM-06:00 AM]	2	43 MPH	46 F		
[06:00 AM-06:15 AM]	31	41 MPH	48 F		
[06:15 AM-06:30 AM]	43	36 MPH	32 F		
[06:30 AM-06:45 AM]	0	0 MPH	32 F		
[06:45 AM-07:00 AM]	0	0 MPH	32 F		
Mon,12/04/2023	94	42 MPH	44 F		
12/01/2023 07:00 AM		and American B. S.			
12/04/2023 07:00 AM	11639	44 MPH	54 F		

Device ID: 400966 Operator: MY Begin: 11/30/2023 07:00 AM End: 12/01/2023 07:00 AM Hours: 24.00 Period (min): 15		Location: brentwood Lane: W/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN	,	Raw Count: 4, AADT Count: 4, AADT Factor: 1 Speed Limit: 35	364
	Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
	Thu,11/30/2023				
[07	:00 AM-07:15 AM]	149	41 MPH	41 F	
	:15 AM-07:30 AM]	169	27 MPH	41 F	
	:30 AM-07:45 AM]	124	21 MPH	43 F	
	:45 AM-08:00 AM]	83	41 MPH	43 F	
	:00 AM-08:15 AM]	109	40 MPH	43 F	
• 11000	:15 AM-08:30 AM]	146	38 MPH	43 F	
•	:30 AM-08:45 AM]	159	21 MPH	46 F	
	:45 AM-09:00 AM]	125	25 MPH	46 F	
-	:00 AM-09:15 AM]	119	42 MPH	46 F	
-	:15 AM-09:30 AM]	89	42 MPH	50 F	
-	:30 AM-09:45 AM]	83	41 MPH	54 F	
	:45 AM-10:00 AM]	65	42 MPH	55 F	
	:00 AM-10:15 AM]	73	40 MPH	59 F	
	:15 AM-10:30 AM]	73	40 MPH	63 F	
-	:30 AM-10:45 AM]	69	43 MPH	66 F	
	:45 AM-11:00 AM]	70	39 MPH	68 F	
-	:00 AM-11:15 AM]	70		70 F	
	:15 AM-11:30 AM]	82	41 MPH	70 F	
	The second secon		41 MPH		
	:30 AM-11:45 AM]	84	40 MPH	70 F	
	:45 AM-12:00 PM]	97 49	41 MPH	68 F 66 F	
	:00 PM-12:15 PM]		42 MPH		
	:15 PM-12:30 PM]	55	43 MPH	66 F	
	:30 PM-12:45 PM]	68	40 MPH	66 F	
	:45 PM-01:00 PM]	59	42 MPH	64 F	
	:00 PM-01:15 PM]	55	42 MPH	68 F	
	:15 PM-01:30 PM]	66	42 MPH	70 F	
•	:30 PM-01:45 PM]	60	42 MPH	68 F	
	:45 PM-02:00 PM]	65	40 MPH	66 F	
	:00 PM-02:15 PM]	67	43 MPH	64 F	
	:15 PM-02:30 PM]	70	43 MPH	63 F	
	:30 PM-02:45 PM]	77	41 MPH	61 F	
	:45 PM-03:00 PM]	69	41 MPH	61 F	
	:00 PM-03:15 PM]	74	41 MPH	61 F	
-	:15 PM-03:30 PM]	80	40 MPH	59 F	
	:30 PM-03:45 PM]	97	39 MPH	59 F	
	:45 PM-04:00 PM]	101	39 MPH	59 F	
	:00 PM-04:15 PM]	61	40 MPH	57 F	
	:15 PM-04:30 PM]	80	40 MPH	57 F	
-	:30 PM-04:45 PM]	79	42 MPH	55 F	
	45 PM-05:00 PM]	80	40 MPH	55 F	
-	:00 PM-05:15 PM]	77	40 MPH	55 F	
	15 PM-05:30 PM]	58	40 MPH	55 F	
	:30 PM-05:45 PM]	72	42 MPH	55 F	
[05:	45 PM-06:00 PM]	63	42 MPH	54 F	

12/04/2023 09:26 AM

Device ID: 400966 Operator: MY Begin: 11/30/2023 07:00 AM End: 12/01/2023 07:00 AM Hours: 24.00 Period (min): 15	Location: brentwood Lane: W/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN		Raw Count: 4,36 AADT Count: 4,36 AADT Factor: 1 Speed Limit: 35	
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Thu,11/30/2023				
[06:00 PM-06:15 PM]	53	41 MPH	54 F	
[06:15 PM-06:30 PM]	44	41 MPH	54 F	
[06:30 PM-06:45 PM]	44	43 MPH	52 F	
[06:45 PM-07:00 PM]	45	41 MPH	52 F	
[07:00 PM-07:15 PM]	35	42 MPH	52 F	_
[07:15 PM-07:30 PM]	27	44 MPH	52 F	
[07:13 PM-07:45 PM]	25	44 MPH	52 F	
[07:45 PM-08:00 PM]	23	43 MPH	52 F	_
[08:00 PM-08:15 PM]	29	45 MPH	54 F	_
[08:00 PM-08:13 PM]	15	43 MPH	54 F	
	13	48 MPH	52 F	-
[08:30 PM-08:45 PM]	13	42 MPH	52 F	
[08:45 PM-09:00 PM]	10	42 MPH	52 F	
[09:00 PM-09:15 PM]	4	48 MPH	50 F	
[09:15 PM-09:30 PM] [09:30 PM-09:45 PM]	6	40 MPH	50 F	
	6	44 MPH 41 MPH	50 F	
[09:45 PM-10:00 PM]		36 MPH	50 F	
[10:00 PM-10:15 PM]	4		50 F	
[10:15 PM-10:30 PM]	4	46 MPH	50 F	-
[10:30 PM-10:45 PM]	2	40 MPH		
[10:45 PM-11:00 PM]	3	47 MPH	48 F	-
[11:00 PM-11:15 PM]	3	41 MPH	48 F	-
[11:15 PM-11:30 PM]	1	38 MPH	48 F	-
[11:30 PM-11:45 PM]	0	0 MPH	48 F	-
[11:45 PM-12:00 AM]	1	72 MPH	48 F	-
Thu,11/30/2023	4128	39 MPH	55 F	
Fri,12/01/2023				
[12:00 AM-12:15 AM]	1	52 MPH	48 F	
[12:15 AM-12:30 AM]	1	42 MPH	48 F	
[12:30 AM-12:45 AM]	0	0 MPH	48 F	
[12:45 AM-01:00 AM]	0	0 MPH	48 F	
[01:00 AM-01:15 AM]	1	42 MPH	46 F	
[01:15 AM-01:30 AM]	1	32 MPH	46 F	
[01:30 AM-01:45 AM]	0	0 MPH	46 F	
[01:45 AM-02:00 AM]	0	0 MPH	46 F	-
[02:00 AM-02:15 AM]	0	0 MPH	46 F	
[02:15 AM-02:30 AM]	0	0 MPH	46 F	
[02:30 AM-02:45 AM]	1	32 MPH	46 F	-
[02:45 AM-03:00 AM]	0	0 MPH	46 F	-
[03:00 AM-03:15 AM]	1	38 MPH	46 F	
[03:15 AM-03:30 AM]	1	42 MPH	46 F	
[03:30 AM-03:45 AM]	3	61 MPH	46 F	
[03:45 AM-04:00 AM]	2	38 MPH	46 F	-
[04:00 AM-04:15 AM]	0	0 MPH	46 F	-
[04:15 AM-04:30 AM]	4	47 MPH	46 F	-

12/04/2023 09:26 AM

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Device ID: 400966 Operator: MY Begin: 11/30/2023 07:00 AM End: 12/01/2023 07:00 AM Hours: 24.00 Period (min): 15	Location: brentwood Lane: W/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN		Raw Cou AADT Cou AADT Fact Speed Lin	nt: 4,364 or: 1
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Fri,12/01/2023				
[04:30 AM-04:45 AM]	5	43 MPH	46 F	
[04:45 AM-05:00 AM]	6	36 MPH	46 F	
[05:00 AM-05:15 AM]	3	38 MPH	46 F	
[05:15 AM-05:30 AM]	6	41 MPH	46 F	
[05:30 AM-05:45 AM]	11	44 MPH	46 F	
[05:45 AM-06:00 AM]	23	44 MPH	46 F	
[06:00 AM-06:15 AM]	14	44 MPH	48 F	
[06:15 AM-06:30 AM]	18	42 MPH	48 F	
[06:30 AM-06:45 AM]	46	41 MPH	48 F	
[06:45 AM-07:00 AM]	88	42 MPH	48 F	
Fri,12/01/2023	236	42 MPH	47 F	
11/30/2023 07:00 AM 12/01/2023 07:00 AM	4364	39 MPH	53 F	

Device ID: 402604 Operator: MY Begin: 11/30/2023 07:00 AM End: 12/01/2023 07:00 AM Hours: 24.00 Period (min): 15		Location: brentwood Lane: E/B Street: Crockett City: BRENTWO County: WILLIAMSO State: TN		Raw Count: AADT Count: AADT Factor: Speed Limit:	5,173 1
	Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
	Thu,11/30/2023				
01	7:00 AM-07:15 AM]	14	46 MPH	39 F	
	7:15 AM-07:30 AM]	46	41 MPH	39 F	
	7:30 AM-07:45 AM]	63	39 MPH	41 F	
	7:45 AM-08:00 AM]	72	41 MPH	41 F	
	8:00 AM-08:15 AM]	35	40 MPH	41 F	
	8:15 AM-08:30 AM]	42	42 MPH	41 F	
	-	93	36 MPH	45 F	
	8:30 AM-08:45 AM] 8:45 AM-09:00 AM]	93 74	39 MPH	43 F 48 F	
		64	41 MPH	52 F	
	9:00 AM-09:15 AM]	54	43 MPH	52 F	
	9:15 AM-09:30 AM]			55 F	
	9:30 AM-09:45 AM]	36	45 MPH		
	9:45 AM-10:00 AM]	45	43 MPH	61 F	
	0:00 AM-10:15 AM]	42	44 MPH	64 F	
	0:15 AM-10:30 AM]	53	43 MPH	66 F	
-	0:30 AM-10:45 AM]	44	43 MPH	64 F	-
•	0:45 AM-11:00 AM]	54	43 MPH	59 F	
	1:00 AM-11:15 AM]	58	43 MPH	57 F	
	1:15 AM-11:30 AM]	65	43 MPH	57 F	
	1:30 AM-11:45 AM]	83	45 MPH	57 F	
[1	1:45 AM-12:00 PM]	75	44 MPH	57 F	-
	2:00 PM-12:15 PM]	60	45 MPH	59 F	-
[1	2:15 PM-12:30 PM]	69	43 MPH	63 F	-
[1	2:30 PM-12:45 PM]	82	44 MPH	61 F	-
[1	2:45 PM-01:00 PM]	85	45 MPH	61 F	-
[C	01:00 PM-01:15 PM]	86	43 MPH	63 F	-
[C	01:15 PM-01:30 PM]	90	45 MPH	66 F	-
[C	)1:30 PM-01:45 PM]	67	45 MPH	68 F	-
[C	01:45 PM-02:00 PM]	86	43 MPH	68 F	-
[C	2:00 PM-02:15 PM]	76	45 MPH	66 F	-
[C	2:15 PM-02:30 PM]	99	43 MPH	64 F	-
[0	2:30 PM-02:45 PM]	88	43 MPH	63 F	-
[0	2:45 PM-03:00 PM]	95	40 MPH	61 F	-
[0	3:00 PM-03:15 PM]	170	39 MPH	59 F	-
[0	3:15 PM-03:30 PM]	126	39 MPH	59 F	-
[C	3:30 PM-03:45 PM]	100	40 MPH	59 F	-
	3:45 PM-04:00 PM]	174	37 MPH	59 F	-
-	04:00 PM-04:15 PM]	152	39 MPH	57 F	-
	04:15 PM-04:30 PM]	146	41 MPH	57 F	
	04:30 PM-04:45 PM]	154	42 MPH	57 F	-
	04:45 PM-05:00 PM]	180	41 MPH	55 F	-
	05:00 PM-05:15 PM]	141	42 MPH	55 F	-
	05:15 PM-05:30 PM]	135	41 MPH	55 F	-
	05:30 PM-05:45 PM]	177	43 MPH	55 F	-
-	05:45 PM-06:00 PM]	160	43 MPH	55 F	-

Device ID: 402604 Operator: MY Begin: 11/30/2023 07:00 AM End: 12/01/2023 07:00 AM Hours: 24.00 Period (min): 15	Location: brentwood Lane: E/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN		Raw Count: 5,17 AADT Count: 5,17 AADT Factor: 1 Speed Limit: 35	
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Thu,11/30/2023				
[06:00 PM-06:15 PM]	137	43 MPH	55 F	
[06:15 PM-06:30 PM]	126	42 MPH	54 F	-
[06:30 PM-06:45 PM]	81	46 MPH	54 F	_
[06:45 PM-07:00 PM]	92	44 MPH	54 F	-
[07:00 PM-07:15 PM]	90	43 MPH	54 F	-
[07:15 PM-07:30 PM]	66	45 MPH	54 F	-
[07:30 PM-07:45 PM]	75	43 MPH	54 F	-
[07:45 PM-08:00 PM]	72	43 MPH	54 F	-
[08:00 PM-08:15 PM]	78	43 MPH	54 F	-
[08:15 PM-08:30 PM]	61	47 MPH	54 F	-
[08:30 PM-08:45 PM]	53	45 MPH	54 F	-
[08:45 PM-09:00 PM]	60	44 MPH	54 F	-
[09:00 PM-09:15 PM]	44	48 MPH	52 F	-
[09:15 PM-09:30 PM]	42	49 MPH	52 F	-
[09:30 PM-09:45 PM]	34	46 MPH	50 F	-
[09:45 PM-10:00 PM]	20	48 MPH	50 F	
[10:00 PM-10:15 PM]	19	47 MPH	50 F	
[10:15 PM-10:30 PM]	13	46 MPH	50 F	-
[10:30 PM-10:45 PM]	10	46 MPH	48 F	-
[10:45 PM-11:00 PM]	10	45 MPH	48 F	-
[11:00 PM-11:15 PM]	4	41 MPH	48 F	•
[11:15 PM-11:30 PM]	4	44 MPH	48 F	
[11:30 PM-11:45 PM]	3	51 MPH	48 F	
[11:45 PM-12:00 AM]	6	42 MPH	48 F	
Thu,11/30/2023	5110	42 MPH	55 F	
Fri,12/01/2023				
[12:00 AM-12:15 AM]	5	49 MPH	48 F	-
[12:15 AM-12:30 AM]	3	46 MPH	48 F	-
[12:30 AM-12:45 AM]	1	38 MPH	46 F	-
[12:45 AM-01:00 AM]	1	42 MPH	46 F	-
[01:00 AM-01:15 AM]	3	44 MPH	46 F	-
[01:15 AM-01:30 AM]	1	38 MPH	46 F	-
[01:30 AM-01:45 AM]	1	38 MPH	46 F	-
[01:45 AM-02:00 AM]	0	0 MPH	46 F	
[02:00 AM-02:15 AM]	0	0 MPH	46 F	
[02:15 AM-02:30 AM]	0	0 MPH	46 F	-
[02:30 AM-02:45 AM]	1	48 MPH	46 F	
[02:45 AM-03:00 AM]	1	42 MPH	46 F	-
[03:00 AM-03:15 AM]	0	0 MPH	46 F	
[03:15 AM-03:30 AM]	0	0 MPH	46 F	
[03:30 AM-03:45 AM]	0	0 MPH	46 F	
[03:45 AM-04:00 AM]	1	38 MPH	46 F	P.
[04:00 AM-04:15 AM]	1	42 MPH	46 F	-
[04:15 AM-04:30 AM]	0	0 MPH	46 F	

12/04/2023 09:27 AM

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Device ID: 402604 Operator: MY Begin: 11/30/2023 07:00 AM End: 12/01/2023 07:00 AM Hours: 24.00 Period (min): 15	Location: brentwood Lane: E/B Street: Crockett City: BRENTWOO County: WILLIAMSON State: TN		Raw Cou AADT Cou AADT Fact Speed Lin	nt: 5,173 or: 1
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Fri,12/01/2023				
[04:30 AM-04:45 AM]	0	0 MPH	46 F	
[04:45 AM-05:00 AM]	0	0 MPH	46 F	
[05:00 AM-05:15 AM]	1	38 MPH	46 F	
[05:15 AM-05:30 AM]	1	48 MPH	46 F	
[05:30 AM-05:45 AM]	6	46 MPH	46 F	
[05:45 AM-06:00 AM]	4	48 MPH	46 F	
[06:00 AM-06:15 AM]	3	44 MPH	46 F	
[06:15 AM-06:30 AM]	11	40 MPH	46 F	
[06:30 AM-06:45 AM]	12	45 MPH	46 F	
[06:45 AM-07:00 AM]	6	45 MPH	46 F	
Fri,12/01/2023	63	44 MPH	46 F	
11/30/2023 07:00 AM				
12/01/2023 07:00 AM	5173	42 MPH	52 F	

Device ID: 400996 Operator: MY Begin: 12/01/2023 07:00 AM End: 12/04/2023 07:00 AM Hours: 72.00 Period (min): 15	Location: brentwood Lane: W/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN		Raw Count: 10, AADT Count: 3,4 AADT Factor: 1 Speed Limit: 35	
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Fri,12/01/2023				
[07:00 AM-07:15 AM]	109	42 MPH	48 F	
[07:15 AM-07:30 AM]	160	35 MPH	48 F	
[07:30 AM-07:45 AM]	126	27 MPH	48 F	
[07:45 AM-08:00 AM]	75	41 MPH	48 F	
[08:00 AM-08:15 AM]	90	39 MPH	48 F	
[08:15 AM-08:30 AM]	138	38 MPH	50 F	
-	127	37 MPH	50 F	
[08:30 AM-08:45 AM] [08:45 AM-09:00 AM]	97	40 MPH	50 F	
[08:45 AM-09:00 AM] [09:00 AM-09:15 AM]	97 80	40 MPH	50 F	
	82	41 MPH	50 F	
[09:15 AM-09:30 AM] [09:30 AM-09:45 AM]	85	41 MPH	52 F	
	84	43 MPH	52 F	
[09:45 AM-10:00 AM]	59	43 MPH	52 F	
[10:00 AM-10:15 AM] [10:15 AM-10:30 AM]	59	43 MPH	54 F	
			54 F	
[10:30 AM-10:45 AM]	74	42 MPH	54 F	
[10:45 AM-11:00 AM]	69	43 MPH	55 F	
[11:00 AM-11:15 AM]	68	42 MPH		
[11:15 AM-11:30 AM]	78	43 MPH	55 F	
[11:30 AM-11:45 AM]	78	44 MPH	55 F	
[11:45 AM-12:00 PM]	61	43 MPH	55 F	
[12:00 PM-12:15 PM]	63	44 MPH	57 F	
[12:15 PM-12:30 PM]	68	41 MPH	59 F	
[12:30 PM-12:45 PM]	71	44 MPH	57 F	
[12:45 PM-01:00 PM]	81	42 MPH	57 F	
[01:00 PM-01:15 PM]	61	44 MPH	59 F	
[01:15 PM-01:30 PM]	51	43 MPH	59 F	
[01:30 PM-01:45 PM]	50	43 MPH	59 F	
[01:45 PM-02:00 PM]	68	42 MPH	59 F	
[02:00 PM-02:15 PM]	70	43 MPH	59 F	
[02:15 PM-02:30 PM]	71	43 MPH	59 F	
[02:30 PM-02:45 PM]	92	42 MPH	57 F	
[02:45 PM-03:00 PM]	89	42 MPH	57 F	
[03:00 PM-03:15 PM]	69	42 MPH	57 F	
[03:15 PM-03:30 PM]	64	43 MPH	57 F	
[03:30 PM-03:45 PM]	80	40 MPH	57 F	
[03:45 PM-04:00 PM]	97	42 MPH	57 F	
[04:00 PM-04:15 PM]	69	42 MPH	57 F	
[04:15 PM-04:30 PM]	70	42 MPH	57 F	
[04:30 PM-04:45 PM]	59	42 MPH	57 F	
[04:45 PM-05:00 PM]	75	41 MPH	57 F	
[05:00 PM-05:15 PM]	85	41 MPH	57 F	
[05:15 PM-05:30 PM]	72	41 MPH	57 F	
[05:30 PM-05:45 PM]	52	41 MPH	57 F	
[05:45 PM-06:00 PM]	58	41 MPH	57 F	

Device ID: 400996 Operator: MY Begin: 12/01/2023 07:00 AM End: 12/04/2023 07:00 AM Hours: 72.00 Period (min): 15	Location: brentwood Lane: W/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN		Raw Count: 10, AADT Count: 3,4 AADT Factor: 1 Speed Limit: 35	
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Fri,12/01/2023				
[06:00 PM-06:15 PM]	56	42 MPH	57 F	
[06:15 PM-06:30 PM]	45	42 MPH	57 F	
[06:30 PM-06:45 PM]	35	42 MPH	57 F	
[06:45 PM-07:00 PM]	35	42 MPH	57 F	
[07:00 PM-07:15 PM]	51	42 MPH	57 F	
[07:15 PM-07:30 PM]	36	41 MPH	55 F	
[07:30 PM-07:45 PM]	24	44 MPH	55 F	
[07:45 PM-08:00 PM]	19	43 MPH	55 F	
[08:00 PM-08:15 PM]	18	41 MPH	55 F	
[08:15 PM-08:30 PM]	15	39 MPH	55 F	
[08:30 PM-08:45 PM]	17	41 MPH	55 F	
[08:45 PM-09:00 PM]	14	46 MPH	55 F	
[09:00 PM-09:15 PM]	12	41 MPH	55 F	
[09:15 PM-09:30 PM]	5	44 MPH	55 F	
[09:30 PM-09:45 PM]	7	41 MPH	55 F	
[09:45 PM-10:00 PM]	11	45 MPH	55 F	
[10:00 PM-10:15 PM]	13	43 MPH	55 F	
[10:15 PM-10:30 PM]	14	42 MPH	54 F	
[10:30 PM-10:30 PM]	8	40 MPH	55 F	
[10:45 PM-11:00 PM]	14	45 MPH	55 F	
[10:43 PM-11:00 PM] [11:00 PM-11:15 PM]	9	41 MPH	55 F	
	5	40 MPH	55 F	
[11:15 PM-11:30 PM]	4	45 MPH	55 F	
[11:30 PM-11:45 PM]	4	43 MPH	55 F	
[11:45 PM-12:00 AM]				
Fri,12/01/2023	3955	41 MPH	55 F	
Sat,12/02/2023				
[12:00 AM-12:15 AM]	0	0 MPH	54 F	
[12:15 AM-12:30 AM]	4	40 MPH	54 F	
[12:30 AM-12:45 AM]	2	35 MPH	54 F	
[12:45 AM-01:00 AM]	2	35 MPH	54 F	
[01:00 AM-01:15 AM]	2	47 MPH	54 F	
[01:15 AM-01:30 AM]	0	0 MPH	54 F	
[01:30 AM-01:45 AM]	1	0 MPH	54 F	
[01:45 AM-02:00 AM]	1	32 MPH	54 F	
[02:00 AM-02:15 AM]	0	0 MPH	54 F	
[02:15 AM-02:30 AM]	2	47 MPH	54 F	
[02:30 AM-02:45 AM]	0	0 MPH	54 F	
[02:45 AM-03:00 AM]	1	52 MPH	54 F	
[03:00 AM-03:15 AM]	0	0 MPH	55 F	
[03:15 AM-03:30 AM]	0	0 MPH	55 F	
[03:30 AM-03:45 AM]	3	46 MPH	55 F	
[03:45 AM-04:00 AM]	1	42 MPH	55 F	
[04:00 AM-04:15 AM]	2	45 MPH	55 F	
[04:15 AM-04:30 AM]	4	46 MPH	55 F	

12/04/2023 09:27 AM

Page: 2

Operator: MY Begin: 12/01/2023 07:00 AM End: 12/04/2023 07:00 AM Hours: 72.00 Period (min): 15	Lane: W/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN		AADT Count: 3,44 AADT Factor: 1 Speed Limit: 35	37
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Sat,12/02/2023				
[04:30 AM-04:45 AM]	1	38 MPH	55 F	
[04:45 AM-05:00 AM]	3	51 MPH	55 F	
[05:00 AM-05:15 AM]	0	0 MPH	55 F	
[05:15 AM-05:30 AM]	2	57 MPH	55 F	
[05:30 AM-05:45 AM]	2	45 MPH	55 F	
[05:45 AM-06:00 AM]	8	50 MPH	55 F	
[06:00 AM-06:15 AM]	7	47 MPH	55 F	
[06:15 AM-06:30 AM]	12	42 MPH	55 F	
[06:30 AM-06:45 AM]	14	46 MPH	55 F	
[06:45 AM-07:00 AM]	16	41 MPH	55 F	
[07:00 AM-07:15 AM]	24	43 MPH	55 F	
[07:15 AM-07:30 AM]	22	43 MPH	55 F	
[07:30 AM-07:45 AM]	32	46 MPH	57 F	
[07:45 AM-08:00 AM]	59	45 MPH	57 F	
[08:00 AM-08:15 AM]	49	44 MPH	57 F	
[08:15 AM-08:30 AM]	44	43 MPH	57 F	
[08:30 AM-08:45 AM]	69	42 MPH	57 F	
[08:45 AM-09:00 AM]	76	44 MPH	57 F	
[09:00 AM-09:15 AM]	66	43 MPH	59 F	
[09:15 AM-09:30 AM]	68	44 MPH	59 F	
[09:30 AM-09:45 AM]	71	43 MPH	59 F	
[09:45 AM-10:00 AM]	104	42 MPH	59 F	
[10:00 AM-10:15 AM]	79	44 MPH	59 F	
[10:15 AM-10:30 AM]	61	42 MPH	59 F	
[10:30 AM-10:45 AM]	67	44 MPH	59 F	
[10:45 AM-11:00 AM]	86	43 MPH	59 F	
[11:00 AM-11:15 AM]	66	44 MPH	59 F	
[11:15 AM-11:30 AM]	73	43 MPH	59 F	
[11:30 AM-11:45 AM]	73	43 MPH	59 F	
[11:45 AM-12:00 PM]	72	43 MPH	59 F	
			59 F	
[12:00 PM-12:15 PM]	73	41 MPH		
[12:15 PM-12:30 PM]	57	41 MPH	61 F	
[12:30 PM-12:45 PM]	59		59 F 59 F	
[12:45 PM-01:00 PM] [01:00 PM-01:15 PM]	53 63	43 MPH 43 MPH	59 F	
[01:15 PM-01:30 PM]	69 54	44 MPH	59 F	
[01:30 PM-01:45 PM]	54	44 MPH	59 F	
[01:45 PM-02:00 PM]	67	44 MPH	59 F	
[02:00 PM-02:15 PM]	61	43 MPH	59 F	
[02:15 PM-02:30 PM]	53	44 MPH	59 F	
[02:30 PM-02:45 PM]	43	44 MPH	59 F	
[02:45 PM-03:00 PM]	66	44 MPH	59 F	
[03:00 PM-03:15 PM]	49 63	44 MPH 44 MPH	59 F 59 F	

	01/2023 07:00 AM 04/2023 07:00 AM	Lane: Street: City:	Crockett BRENTWOOD WILLIAMSON		Raw Count: AADT Count: 3 AADT Factor: Speed Limit: 3	3,487 1
	Date And Time Range		Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
	Sat,12/02/2023					
103.4	30 PM-03:45 PM]		63	43 MPH	59 F	
-	45 PM-04:00 PM]		55	45 MPH	59 F	
•	00 PM-04:15 PM]		61	41 MPH	57 F	
	15 PM-04:30 PM]		70	41 MPH	57 F	
	30 PM-04:45 PM]		70	40 MPH	57 F	
	45 PM-05:00 PM]		90	39 MPH	57 F	
	00 PM-05:15 PM]		60	40 MPH	57 F	
-	15 PM-05:30 PM]		48	43 MPH	57 F	
	30 PM-05:45 PM]		52	43 MPH	57 F	
	45 PM-06:00 PM]		50	41 MPH	57 F	
	00 PM-06:15 PM]		40		57 F	
	15 PM-06:30 PM]		31	39 MPH 43 MPH	57 F	
			49	43 MPH 42 MPH	57 F	
	30 PM-06:45 PM]					
	45 PM-07:00 PM]		36	41 MPH	57 F	-
-	00 PM-07:15 PM]		19	40 MPH	57 F	
	15 PM-07:30 PM]		29	42 MPH	57 F	
-	30 PM-07:45 PM]		21	40 MPH	57 F	
	45 PM-08:00 PM]		17	43 MPH	55 F	
-	00 PM-08:15 PM]		17	46 MPH	55 F	
	15 PM-08:30 PM]		15	41 MPH	55 F	
-	30 PM-08:45 PM]		10	40 MPH	55 F	
	45 PM-09:00 PM]		8	43 MPH	55 F	
-	00 PM-09:15 PM]		8	42 MPH	55 F	
	15 PM-09:30 PM]		8	41 MPH	55 F	
	30 PM-09:45 PM]		11	43 MPH	55 F	
	45 PM-10:00 PM]		15	41 MPH	55 F	
•	00 PM-10:15 PM]		8	40 MPH	55 F	
	15 PM-10:30 PM]		7	38 MPH	55 F	
	30 PM-10:45 PM]		9	43 MPH	55 F	
	45 PM-11:00 PM]		9	45 MPH	55 F	
	00 PM-11:15 PM]		5	35 MPH	55 F	-
	15 PM-11:30 PM]		7	41 MPH	54 F	-
	30 PM-11:45 PM]		10	38 MPH	54 F	
[11:4	45 PM-12:00 AM]		8	42 MPH	54 F	
	Sat,12/02/2023		3198	43 MPH	56 F	
	Sun,12/03/2023					
[12:0	00 AM-12:15 AM]		1	48 MPH	54 F	
	15 AM-12:30 AM]		3	44 MPH	54 F	
	30 AM-12:45 AM]		1	32 MPH	54 F	
-	45 AM-01:00 AM]		0	0 MPH	54 F	
	00 AM-01:15 AM]		1	48 MPH	54 F	
	15 AM-01:30 AM]		0	0 MPH	54 F	
	30 AM-01:45 AM]		1	38 MPH	54 F	
-	45 AM-02:00 AM]		0	0 MPH	54 F	

Device ID: 400996 Operator: MY Begin: 12/01/2023 07:00 AM End: 12/04/2023 07:00 AM Hours: 72.00 Period (min): 15	Location: brentwood Lane: W/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN	Raw Count: 10,462 AADT Count: 3,487 AADT Factor: 1 Speed Limit: 35						
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry				
Sun,12/03/2023								
[02:00 AM-02:15 AM]	0	0 MPH	54 F					
[02:15 AM-02:30 AM]	1	38 MPH	54 F					
[02:30 AM-02:45 AM]	0	0 MPH	54 F					
[02:45 AM-03:00 AM]	0	0 MPH	54 F					
[03:00 AM-03:15 AM]	0	0 MPH	54 F					
[03:15 AM-03:30 AM]	0	0 MPH	54 F					
[03:30 AM-03:45 AM]	1	52 MPH	54 F					
[03:45 AM-04:00 AM]	5	45 MPH	54 F					
[04:00 AM-04:15 AM]	1	42 MPH	54 F					
[04:15 AM-04:30 AM]	6	47 MPH	54 F					
[04:30 AM-04:45 AM]	3	39 MPH	52 F					
[04:45 AM-05:00 AM]	4	48 MPH	52 F					
[05:00 AM-05:15 AM]	2	33 MPH	52 F					
[05:15 AM-05:30 AM]	2	43 MPH	52 F					
<ul> <li>A second of a second sec</li></ul>	5							
[05:30 AM-05:45 AM]		46 MPH	52 F					
[05:45 AM-06:00 AM]	8	46 MPH	50 F					
[06:00 AM-06:15 AM]	3	41 MPH	50 F					
[06:15 AM-06:30 AM]	12	42 MPH	50 F					
[06:30 AM-06:45 AM]	8	46 MPH	50 F					
[06:45 AM-07:00 AM]	12	44 MPH	50 F					
[07:00 AM-07:15 AM]	11	44 MPH	50 F					
[07:15 AM-07:30 AM]	9	45 MPH	50 F					
[07:30 AM-07:45 AM]	24	41 MPH	50 F					
[07:45 AM-08:00 AM]	34	44 MPH	52 F					
[08:00 AM-08:15 AM]	50	40 MPH	52 F					
[08:15 AM-08:30 AM]	113	40 MPH	52 F					
[08:30 AM-08:45 AM]	69	42 MPH	54 F					
[08:45 AM-09:00 AM]	54	44 MPH	54 F					
[09:00 AM-09:15 AM]	47	45 MPH	55 F					
[09:15 AM-09:30 AM]	62	42 MPH	55 F					
[09:30 AM-09:45 AM]	105	41 MPH	57 F					
[09:45 AM-10:00 AM]	58	42 MPH	59 F					
[10:00 AM-10:15 AM]	71	42 MPH	64 F					
[10:15 AM-10:30 AM]	49	45 MPH	64 F					
[10:30 AM-10:45 AM]	112	42 MPH	66 F					
[10:45 AM-11:00 AM]	164	40 MPH	66 F					
[11:00 AM-11:15 AM]	74	44 MPH	64 F					
[11:15 AM-11:30 AM]	68	43 MPH	63 F					
[11:30 AM-11:45 AM]	80	41 MPH	64 F					
[11:45 AM-12:00 PM]	65	45 MPH	68 F					
[12:00 PM-12:15 PM]	55	42 MPH	70 F					
[12:15 PM-12:30 PM]	58	44 MPH	68 F					
[12:30 PM-12:45 PM]	55	43 MPH	68 F					
[12:45 PM-01:00 PM]	67	42 MPH	66 F					

Device ID: 400996 Operator: MY Begin: 12/01/2023 07:00 AM End: 12/04/2023 07:00 AM Hours: 72.00 Period (min): 15	Location: brentwood Lane: W/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN		Raw Count: 10, AADT Count: 3,4 AADT Factor: 1 Speed Limit: 35	
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Sun,12/03/2023				
[01:00 PM-01:15 PM]	68	45 MPH	66 F	
[01:15 PM-01:30 PM]	73	44 MPH	66 F	
[01:30 PM-01:45 PM]	66	45 MPH	64 F	
[01:45 PM-02:00 PM]	63	43 MPH	64 F	
[02:00 PM-02:15 PM]	65	44 MPH	64 F	
[02:15 PM-02:30 PM]	64	44 MPH	63 F	
[02:30 PM-02:45 PM]	82	43 MPH	63 F	
[02:45 PM-03:00 PM]	56	43 MPH	63 F	
[02:43 FM-03:06 FM]	44	43 MPH	61 F	
[03:15 PM-03:30 PM]	58	43 MPH	61 F	
[03:30 PM-03:45 PM]	65	43 MPH	59 F	
[03:45 PM-04:00 PM]	79	43 MPH	59 F	
[04:00 PM-04:15 PM]	53	43 MPH	57 F	
[04:15 PM-04:30 PM]	46	46 MPH	57 F	
[04:30 PM-04:45 PM]	52	43 MPH	55 F	
[04:45 PM-05:00 PM]	56	43 MPH	54 F	
[05:00 PM-05:15 PM]	43	43 MPH	54 F	
-	93		54 F	
[05:15 PM-05:30 PM]		39 MPH	54 F 52 F	
[05:30 PM-05:45 PM]	54	45 MPH		
[05:45 PM-06:00 PM]	46	43 MPH	52 F	
[06:00 PM-06:15 PM]	37	45 MPH	52 F	
[06:15 PM-06:30 PM]	29	42 MPH	50 F	
[06:30 PM-06:45 PM]	66	40 MPH	50 F	
[06:45 PM-07:00 PM]	27	42 MPH	50 F	
[07:00 PM-07:15 PM]	23	45 MPH	48 F	
[07:15 PM-07:30 PM]	10	41 MPH	48 F	
[07:30 PM-07:45 PM]	12	41 MPH	48 F	
[07:45 PM-08:00 PM]	20	42 MPH	46 F	
[08:00 PM-08:15 PM]	27	42 MPH	46 F	
[08:15 PM-08:30 PM]	23	43 MPH	46 F	
[08:30 PM-08:45 PM]	12	40 MPH	46 F	
[08:45 PM-09:00 PM]	7	38 MPH	46 F	
[09:00 PM-09:15 PM]	4	43 MPH	45 F	
[09:15 PM-09:30 PM]	2	38 MPH	45 F	
[09:30 PM-09:45 PM]	4	37 MPH	45 F	
[09:45 PM-10:00 PM]	6	43 MPH	45 F	
[10:00 PM-10:15 PM]	3	36 MPH	45 F	
[10:15 PM-10:30 PM]	1	38 MPH	45 F	
[10:30 PM-10:45 PM]	1	42 MPH	45 F	
[10:45 PM-11:00 PM]	4	59 MPH	45 F	
[11:00 PM-11:15 PM]	0	0 MPH	45 F	
[11:15 PM-11:30 PM]	1	42 MPH	45 F	
[11:30 PM-11:45 PM]	3	39 MPH	45 F	
[11:45 PM-12:00 AM]	1	38 MPH	45 F	

Date/Time/Volume/Average Speed/Temperature Report	
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Device ID: 400996 Operator: MY Begin: 12/01/2023 07:00 AM End: 12/04/2023 07:00 AM Hours: 72.00 Period (min): 15	Location: brentwood Lane: W/B Street: Crockett City: BRENTWOOD County: WILLIAMSON State: TN		Raw Cour AADT Cour AADT Facto Speed Lim	nt: 3,487 pr: 1 it: 35
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Sun,12/03/2023	3183	42 MPH	54 F	
Mon,12/04/2023				
[12:00 AM-12:15 AM]	0	0 MPH	45 F	
[12:15 AM-12:30 AM]	0	0 MPH	45 F	
[12:30 AM-12:45 AM]	1	48 MPH	45 F	
[12:45 AM-01:00 AM]	0	0 MPH	45 F	
[01:00 AM-01:15 AM]	0	0 MPH	46 F	
[01:15 AM-01:30 AM]	0	0 MPH	46 F	
[01:30 AM-01:45 AM]	0	0 MPH	46 F	
[01:45 AM-02:00 AM]	1	68 MPH	46 F	
[02:00 AM-02:15 AM]	0	0 MPH	46 F	
[02:15 AM-02:30 AM]	0	0 MPH	46 F	
[02:30 AM-02:45 AM]	1	42 MPH	46 F	
[02:45 AM-03:00 AM]	0	0 MPH	46 F	
[03:00 AM-03:15 AM]	1	32 MPH	46 F	
[03:15 AM-03:30 AM]	1	32 MPH	46 F	
[03:30 AM-03:45 AM]	1	48 MPH	46 F	
[03:45 AM-04:00 AM]	3	57 MPH	45 F	
[04:00 AM-04:15 AM]	0	0 MPH	45 F	
[04:15 AM-04:30 AM]	9	47 MPH	45 F	
[04:30 AM-04:45 AM]	7	45 MPH	46 F	
[04:45 AM-05:00 AM]	5	45 MPH	46 F	
[05:00 AM-05:15 AM]	4	44 MPH	46 F	
[05:15 AM-05:30 AM]	5	50 MPH	46 F	
[05:30 AM-05:45 AM]	14	44 MPH	46 F	
[05:45 AM-06:00 AM]	15	48 MPH	46 F	
[06:00 AM-06:15 AM]	25	43 MPH	46 F	
[06:15 AM-06:30 AM]	33	43 MPH	32 F	
[06:30 AM-06:45 AM]	0	0 MPH	32 F	
[06:45 AM-07:00 AM]	0	0 MPH	32 F	
Mon,12/04/2023	126	46 MPH	44 F	
12/01/2023 07:00 AM		******		
12/04/2023 07:00 AM	10462	42 MPH	54 F	

E/B

### MH Corbin Traffic Analyzer Study Computer Generated Summary Report City: BRENTWOOD Street: Crockett Location: brentwood

A study of vehicle traffic was conducted with the device having serial number 400999. The study was done in the E/B lane at Crockett in BRENTWOOD, TN in WILLIAMSON county. The study began on 11/27/2023 at 07:00 AM and concluded on 11/30/2023 at 07:00 AM, lasting a total of 72.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 14,543 vehicles passed through the location with a peak volume of 178 on 11/28/2023 at [04:00 PM-04:15 PM] and a minimum volume of 0 on 11/27/2023 at [11:45 PM-12:00 AM]. The AADT count for this study was 4,848.

#### **SPEED**

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 35 - 40 MPH range or lower. The average speed for all classified vehicles was 41 MPH with 71.00% vehicles exceeding the posted speed of 35 MPH. 10.37% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 35MPH and the 85th percentile was 49.84 MPH.

<	10	15	20	25	30	35	40	45	50	55	60	65	70	75
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
9	14	19	24	29	34	39	44	49	54	59	64	69	74	>
6	118	71	152	743	2932	4002	2618	1185	605	409	277	234	154	365

CHART 1

#### **CLASSIFICATION**

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 8696 which represents 63 percent of the total classified vehicles. The number of Vans & Pickups in the study was 4123 which represents 30 percent of the total classified vehicles. The number of Busses & Trucks in the study was 758 which represents 5 percent of the total classified vehicles. The number of Tractor Trailers in the study was 292 which represents 2 percent of the total classified vehicles.

<	18	21	24	28	32	38	44				
to 17	to 20	to 23	to 27	to 31	to 37	to 43	to >				
8696	3399	724	187	368	273	130	94				



#### HEADWAY

During the peak traffic period, on 11/28/2023 at [04:00 PM-04:15 PM] the average headway between vehicles was 5.028 seconds. During the slowest traffic period, on 11/27/2023 at [11:45 PM-12:00 AM] the average headway between vehicles was 900 seconds.

#### WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 64.00 degrees F.

A study of vehicle traffic was conducted with the device having serial number 402576. The study was done in the E/B lane at Crockett in BRENTWOOD, TN in WILLIAMSON county. The study began on 12/01/2023 at 07:00 AM and concluded on 12/04/2023 at 07:00 AM, lasting a total of 72.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 11,639 vehicles passed through the location with a peak volume of 163 on 12/01/2023 at [03:45 PM-04:00 PM] and a minimum volume of 0 on 12/02/2023 at [01:00 AM-01:15 AM]. The AADT count for this study was 3,880.

#### <u>SPEED</u>

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 35 - 40 MPH range or lower. The average speed for all classified vehicles was 44 MPH with 82.68% vehicles exceeding the posted speed of 35 MPH. 15.15% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 35MPH and the 85th percentile was 55.17 MPH.

< to	10 to	15 to	20 to	25 to	30 to	35 to	40 to	45 to	50 to	55 to	60 to	65 to	70 to	75 to
to 9	to 14	to 19	to 24	29	34	39	44	49	54	59	64	69	74	>
12	94	53	90	384	1257	2533	2518	1534	782	481	324	276	181	391

#### CHART 1

#### **CLASSIFICATION**

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 5809 which represents 53 percent of the total classified vehicles. The number of Vans & Pickups in the study was 4119 which represents 38 percent of the total classified vehicles. The number of Busses & Trucks in the study was 751 which represents 7 percent of the total classified vehicles. The number of Tractor Trailers in the study was 229 which represents 2 percent of the total classified vehicles.

to 1	7	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >				
58	09	3401	718	186	370	247	110	69				



#### HEADWAY

During the peak traffic period, on 12/01/2023 at [03:45 PM-04:00 PM] the average headway between vehicles was 5.488 seconds. During the slowest traffic period, on 12/02/2023 at [01:00 AM-01:15 AM] the average headway between vehicles was 900 seconds.

#### WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 68.00 degrees F.



A study of vehicle traffic was conducted with the device having serial number 402604. The study was done in the E/B lane at Crockett in BRENTWOOD, TN in WILLIAMSON county. The study began on 11/30/2023 at 07:00 AM and concluded on 12/01/2023 at 07:00 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 5,173 vehicles passed through the location with a peak volume of 180 on 11/30/2023 at [04:45 PM-05:00 PM] and a minimum volume of 0 on 12/01/2023 at [01:45 AM-02:00 AM]. The AADT count for this study was 5,173.

### <u>SPEED</u>

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 40 - 45 MPH range or lower. The average speed for all classified vehicles was 42 MPH with 88.15% vehicles exceeding the posted speed of 35 MPH. 5.53% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 40MPH and the 85th percentile was 48.96 MPH.

<	10	15	20	25	30	35	40	45	50	55	60	65	70	75
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
9	14	19	24	29	34	39	44	49	54	59	64	69	74	>
0	16	11	22	88	467	1408	1652	840	309	121	65	27	25	44

#### CHART 1

#### **CLASSIFICATION**

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 2502 which represents 49 percent of the total classified vehicles. The number of Vans & Pickups in the study was 2345 which represents 46 percent of the total classified vehicles. The number of Busses & Trucks in the study was 175 which represents 3 percent of the total classified vehicles. The number of Tractor Trailers in the study was 73 which represents 1 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >				
2502	2052	293	49	78	62	22	37				



#### HEADWAY

During the peak traffic period, on 11/30/2023 at [04:45 PM-05:00 PM] the average headway between vehicles was 4.972 seconds. During the slowest traffic period, on 12/01/2023 at [01:45 AM-02:00 AM] the average headway between vehicles was 900 seconds.

#### WEATHER

The roadway surface temperature over the period of the study varied between 39.00 and 68.00 degrees F.

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A study of vehicle traffic was conducted with the device having serial number 402577. The study was done in the W/B lane at Crockett in BRENTWOOD, TN in WILLIAMSON county. The study began on 11/27/2023 at 07:00 AM and concluded on 11/30/2023 at 07:00 AM, lasting a total of 72.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 12,755 vehicles passed through the location with a peak volume of 185 on 11/28/2023 at [08:15 AM-08:30 AM] and a minimum volume of 0 on 11/27/2023 at [10:30 PM-10:45 PM]. The AADT count for this study was 4,252.

### <u>SPEED</u>

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 40 - 45 MPH range or lower. The average speed for all classified vehicles was 40 MPH with 83.06% vehicles exceeding the posted speed of 35 MPH. 2.28% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 40MPH and the 85th percentile was 47.65 MPH.

ti	<	10	15	20	25	30	35	40	45	50	55	60	65	70	75
	0	to	to	to	to	to	to	to	to	to	to	to	to	to	to
	9	14	19	24	29	34	39	44	49	54	59	64	69	74	>
13	32	315	434	328	220	714	3041	4428	2149	598	186	57	21	7	18

CHART 1

#### **CLASSIFICATION**

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Vans & Pickups. The number of Passenger Vehicles in the study was 5342 which represents 42 percent of the total classified vehicles. The number of Vans & Pickups in the study was 6730 which represents 53 percent of the total classified vehicles. The number of Busses & Trucks in the study was 339 which represents 3 percent of the total classified vehicles. The number of Tractor Trailers in the study was 236 which represents 2 percent of the total classified vehicles.

<	18	21	24	28	32	38	44				
to 17	to 20	to 23	to 27	to 31	to 37	to 43	to >				
5342	5963	767	82	150	137	82	125				

CHART 2

#### HEADWAY

During the peak traffic period, on 11/28/2023 at [08:15 AM-08:30 AM] the average headway between vehicles was 4.839 seconds. During the slowest traffic period, on 11/27/2023 at [10:30 PM-10:45 PM] the average headway between vehicles was 900 seconds.

#### WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 63.00 degrees F.

A study of vehicle traffic was conducted with the device having serial number 400966. The study was done in the W/B lane at Crockett in BRENTWOOD, TN in WILLIAMSON county. The study began on 11/30/2023 at 07:00 AM and concluded on 12/01/2023 at 07:00 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 4,364 vehicles passed through the location with a peak volume of 169 on 11/30/2023 at [07:15 AM-07:30 AM] and a minimum volume of 0 on 11/30/2023 at [11:30 PM-11:45 PM]. The AADT count for this study was 4,364.

### **SPEED**

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 40 - 45 MPH range or lower. The average speed for all classified vehicles was 39 MPH with 79.35% vehicles exceeding the posted speed of 35 MPH. 1.52% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 40MPH and the 85th percentile was 45.88 MPH.

<	10	15	20	25	30	35	40	45	50	55	60	65	70	75
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
9	14	19	24	29	34	39	44	49	54	59	64	69	74	>
31	69	143	117	102	434	1207	1480	591	98	28	16	7	3	12

#### CHART 1

#### **CLASSIFICATION**

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 2500 which represents 58 percent of the total classified vehicles. The number of Vans & Pickups in the study was 1694 which represents 39 percent of the total classified vehicles. The number of Busses & Trucks in the study was 71 which represents 2 percent of the total classified vehicles. The number of Tractor Trailers in the study was 73 which represents 2 percent of the total classified vehicles.

17 2500	20 1594	23 100	27 17	31 34	28	43 38	27				
< to	18 to	21 to	24 to	28 to	32 to	38 to	44 to				



#### HEADWAY

During the peak traffic period, on 11/30/2023 at [07:15 AM-07:30 AM] the average headway between vehicles was 5.294 seconds. During the slowest traffic period, on 11/30/2023 at [11:30 PM-11:45 PM] the average headway between vehicles was 900 seconds.

#### WEATHER

The roadway surface temperature over the period of the study varied between 41.00 and 70.00 degrees F.

A study of vehicle traffic was conducted with the device having serial number 400996. The study was done in the W/B lane at Crockett in BRENTWOOD, TN in WILLIAMSON county. The study began on 12/01/2023 at 07:00 AM and concluded on 12/04/2023 at 07:00 AM, lasting a total of 72.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 10,462 vehicles passed through the location with a peak volume of 164 on 12/03/2023 at [10:45 AM-11:00 AM] and a minimum volume of 0 on 12/03/2023 at [11:00 PM-11:15 PM]. The AADT count for this study was 3,487.

### <u>SPEED</u>

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 40 - 45 MPH range or lower. The average speed for all classified vehicles was 42 MPH with 90.03% vehicles exceeding the posted speed of 35 MPH. 2.45% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 40MPH and the 85th percentile was 48.43 MPH.

	<	10	15	20	25	30	35	40	45	50	55	60	65	70	75
	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
	9	14	19	24	29	34	39	44	49	54	59	64	69	74	>
t	8	17	12	51	151	795	2903	3529	1970	686	146	52	23	15	18

CHART 1

### **CLASSIFICATION**

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Vans & Pickups. The number of Passenger Vehicles in the study was 5064 which represents 49 percent of the total classified vehicles. The number of Vans & Pickups in the study was 5097 which represents 49 percent of the total classified vehicles. The number of Busses & Trucks in the study was 137 which represents 1 percent of the total classified vehicles. The number of Tractor Trailers in the study was 76 which represents 1 percent of the total classified vehicles.

<	18	21	24	28	32	38	44				
to 17	to 20	to 23	to 27	to 31	to 37	to 43	to >				
5064	4682	415	48	58	37	35	37				

CHART 2

#### **HEADWAY**

During the peak traffic period, on 12/03/2023 at [10:45 AM-11:00 AM] the average headway between vehicles was 5.455 seconds. During the slowest traffic period, on 12/03/2023 at [11:00 PM-11:15 PM] the average headway between vehicles was 900 seconds.

#### WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 70.00 degrees F.