

AGENDA

**TRANSPORTATION BOARD
TUESDAY, DECEMBER 5, 2017
6:35 P.M.**

**LEWISVILLE CITY HALL
151 W. CHURCH STREET
LEWISVILLE, TEXAS**

- 1. Call to Order and Announce a Quorum is Present**
- 2. Approval of the Minutes of the October 17, 2017 Meeting**
- 3. Visitors/Citizens Forum -** At this time, any person with business before the Board not scheduled on the Agenda may speak to the Board. No formal action can be taken on these items at this meeting.
- 4. Consideration of Establishing a Speed Limit on Valley Ridge Boulevard From Mill Street to State Highway 121 Business.**
- 5. Adjournment**

NOTICE OF ASSISTANCE AT THE PUBLIC MEETINGS

The Lewisville City Hall and Council Chambers are wheelchair accessible. Access to the building is available at the primary south (front) entrance facing Church Street. Special parking spaces are available at either the southeast or southwest parking lot areas. Persons with disabilities who plan to attend this meeting and who may need auxiliary aids or services such as interpreters for persons who are deaf or hearing impaired, readers, or large print, are requested to contact the Engineering Division Office at (972) 219-3490 or by FAX at (972) 219-3487 at least two (2) working days prior to the meeting so that appropriate arrangements can be made.

BRAILLE IS NOT AVAILABLE

**MINUTES
TRANSPORTATION BOARD**

October 17, 2017

Item No. 1 Call to Order and Announce a Quorum is Present

Chairman James Davis called the Lewisville Transportation Board meeting to order at 7:26 p.m. and announced that a quorum was present with the following members in attendance:

| | | | |
|------------------|-------|--------------|-------|
| Mary Ellen Miksa | _____ | Alvin Turner | _____ |
| William Meredith | _____ | Karen Locke | _____ |
| John Lyng | _____ | | _____ |
| Kristin Green | _____ | | _____ |
| James Davis | _____ | | _____ |

Members absent: 0

Staff Present: Sagar Medisetty, Kevin Nims, Daphne Adair

Item No. 2 Minutes

A motion was made by Kristin Green and seconded by Mary Ellen Miksa to approve the minutes of the August 01, 2017 meeting as submitted. All members present voted aye (7-0).

Item No. 3 Visitors/Citizens Forum

At this time, Chairman James Davis invited any visitors/citizens who wanted to speak to the Board to come forward, stating that no formal action could be taken because this item was not on the agenda.

No visitors were present.

Item No. 4 Consideration of Restricting Trucks on College Street between Mill Street and Kealy Avenue and Make a Recommendation to the City Council in Regard to the Amendment.

Sagar Medisetty presented this item to the Board. Mr. Medisetty explained with the opening of Valley Ridge Blvd., through truck traffic between Interstate 35E and State Highway 121 Business, no longer have to travel through Old Town. Trucks using College Street to do business no longer have to access Mill Street to get to I-35E. With the truck restriction on College St between Mill and Kealy, ~~t~~the City can reconfigure Mill and College Street intersection in efforts to alleviate congestion.

Council member Kristen Green asked if the traffic signal at Mill and College intersection would be retimed. Medisetty stated “yes.”

Council member Kristen Green asked if all trucks would be restricted and how the ‘No Trucks’ restriction would be enforced. Medisetty explained that trucks for this purpose is considered as vehicles with more than 2 axles. Trucks doing business in the area would be allowed, but trucks would not be allowed for through travel. Medisetty added that signage will be posted.

A motion was made by Kristin Green and seconded by William Meredith to approve Consideration of Restricting Trucks on College Street between Mill Street and Kealy Avenue and Make a Recommendation to the City Council in Regard to the Amendment.

The vote was 7 ayes and 0 nay. The motion passed.

Item No. 5 Consideration of Prohibiting Parking on North Cowan Avenue at the newly constructed cul-de-sac just north of the DCTA Railroad Crossing and Make a Recommendation to the City Council in Regard to the Amendment.

Kevin Nims presented this item. Nims stated that with the opening of a new DCTA railroad crossing on the new Valley Ridge Blvd., an existing railroad would have to close. DCTA agreed to close the railroad crossing on North Cowan. A cul-de-sac is being built for large trucks and buses to turn around on this street; prohibited parking is needed at the cul-de-sac to allow large vehicles to freely turn around.

A motion was made by Karen Locke and seconded by Alvin Turner to approve Consideration of Prohibiting Parking on North Cowan Avenue at the newly constructed cul-de-sac just north of the DCTA Railroad Crossing and Make a Recommendation to the City Council in Regard to the Amendment.

The vote was 7 ayes and 0 nay. The motion passed.

A motion to adjourn was made by Mary Ellen Miksa, seconded by John Lyng. The meeting adjourned at 7:38 p.m.

Respectfully submitted,

David Salmon P.E.
City Engineer

**THESE MINUTES APPROVED BY THE
LEWISVILLE TRANSPORTATION BOARD.**

CHAIRMAN

DATE

AGENDA SUPPORT MATERIAL

December 05, 2017

Item No. 2 – Minutes

A copy of the minutes of the October 17, 2017 meeting is attached. If there are any questions or corrections, please contact Daphne Adair at 972-219-3490 or Sagar Medisetty at 972-219-5027.

Item No. 3 – Visitors/Citizens Forum

At this time, any person with business before the Board not scheduled on the Agenda may speak to the Board. No formal action can be taken on these items at this meeting.

Item No. 4 – Consideration of Establishing a Speed Limit on Valley Ridge Boulevard From Mill Street to State Highway 121 Business

Action Possible Action Informational Item

Presenter: Sagar Medisetty

Background:

The City of Lewisville has recently completed the Valley Ridge Boulevard extension project from Mill Street to College Street. This new section of the roadway connects Interstate Highway 35E to State Highway 121 Business. It is a 4-lane divided principal arterial street classified as a major traffic carrier. The new section of Valley Ridge Blvd is open and already being heavily used by commercial trucks and commuter traffic. An ordinance is required to support a maximum speed limit on this new section of Valley Ridge Boulevard.

In addition, a speed study was conducted on the existing section of Valley Ridge Boulevard between College Street and State Highway 121 Business since the new segment of Valley Ridge opened which indicated the speed limit should be set at a higher limit of 40 mph as opposed to the currently posted speed limit of 35 mph.

The posted speed limit on Valley Ridge Blvd from Mill Street to the western city limits is 40 mph and the posted speed limit on Valley Ridge Blvd south of SH 121 Business is 40 mph.

Analysis:

85th Percentile Speed:

Speed limits on roads in the City of Lewisville and generally on Texas roadways are set by the 85th percentile speed method. The 85th percentile speed represents the speed that the majority of drivers are traveling at or below. Speed studies are conducted on the roadway to determine the 85th percentile speed. The observed free-flow speeds of the vehicles are then tallied and the 85th

percentile speed is calculated using the collected information. To ensure that a true reflection of a normal traffic situation is achieved, speed studies are done on average weekdays, during off-peak hours and under favorable weather conditions. The speed limit is set at the nearest value to the 85th percentile speed ending in 5 or 0.

According to TxDOT guidelines, the posted speed limit may be lowered up to 10 mph below the 85th percentile speed if some of the following conditions exist:

- Roadway characteristics, alignment, horizontal curves and vertical curves
- Narrow roadway pavement width
- High number of driveways
- Hidden driveways and other developments
- Crash History
- Rural residential or developed area
- Lack of striped or improved shoulders

Factors considered in the evaluation of Speeds:

The following are the factors that are considering in the evaluation of the speed limit on Valley Ridge Blvd:

Roadway characteristics & alignment: Due to the cross profiles of Mill Street and College Street, there are dips created in the Valley Ridge Boulevard roadway at both intersections. When vehicles travel at a faster rate of speed on Valley Ridge Blvd, the dips in the roadway are causing the vehicles to bottom out and scrape the roadway surface.

None of the other listed factors apply to Valley Ridge.

Speed Study:

A. Speed data on the new section of Valley Ridge Blvd

Staff has performed a speed study of the traffic at several locations of the new section of Valley Ridge Blvd between Mill St and College St. Speed checks are conducted at approximately quarter-mile intervals. The posted speed limit while conducting the speed study was 30 mph. The results of the 85th percentile speed study are summarized below:

| | 85th Percentile Speeds (in mph) Collected At the Following Locations | | | | | |
|--------------------------------|--|-----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|----------------------------|
| On Valley Ridge Blvd | ~1100 feet east of Mill St | ~2200 feet east of Mill St | ~1000 feet east of Kealy Ave | ~2100 feet east of Kealy Ave | ~3700 feet east of Kealy Ave | Averages |
| Eastbound | 44 | 44 | 42 | 48 | 47 | EB Avg: 45 mph |
| Westbound | 43 | 43 | 43 | 46 | 48 | WB Avg: 44.6 mph |
| Average Both Directions | | | | | | 44.8 mph |

Table 1: *85th percentile speed on the new section of Valley Ridge Blvd*

The data from the speed study is presented in the Appendix. The 85th percentile speed on the new section of Valley Ridge Blvd is 44.8 mph. Since the speed limit is set at the nearest value to the 85th percentile speed ending in 5 or 0, the speed limit on the new section of Valley Ridge Blvd should be set at 45 mph.

But as discussed above in the factors to consider for evaluating the speed limit, the roadway alignment of Valley Ridge Blvd is such that there are dips in the roadway at the Mill St and College St. intersections. To remedy the dips in the roadway, the intersections will have to be rebuilt with modified grades which will be very expensive. Because of the dips at the intersections, it is recommended that the speed limit on the new section of Valley Ridge Blvd be set at 40 mph.

B. Speed Study on the existing section of Valley Ridge Blvd (between College and SH 121 Bus)

Staff conducted a speed study on the existing section of Valley Ridge Blvd between College St and SH 121 Business. The speed data collected is presented in the Appendix. The posted speed limit on this section of the roadway is 35 mph.

The results of the speed check are as summarized in the table and charts below:

| On Valley Ridge Blvd | 85 th percentile speed on Valley Ridge Blvd about 1200 south of College St |
|----------------------|---|
| Eastbound | 42 |
| Westbound | 45 |
| Average | 43.5 mph |

Table 2: 85th percentile speed on the existing section of Valley Ridge between College and SH 121 Bus

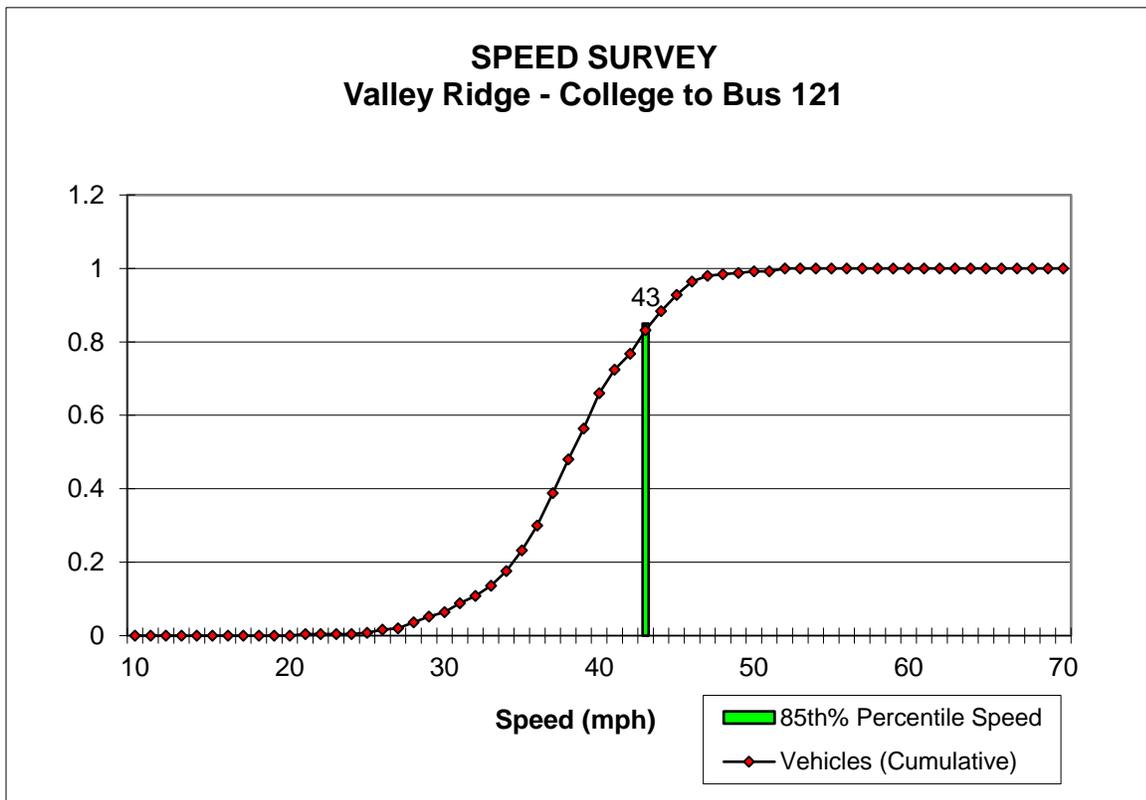


Figure 1: 85th Percentile Speed of the Vehicles on Valley Ridge between College & 121 Bus

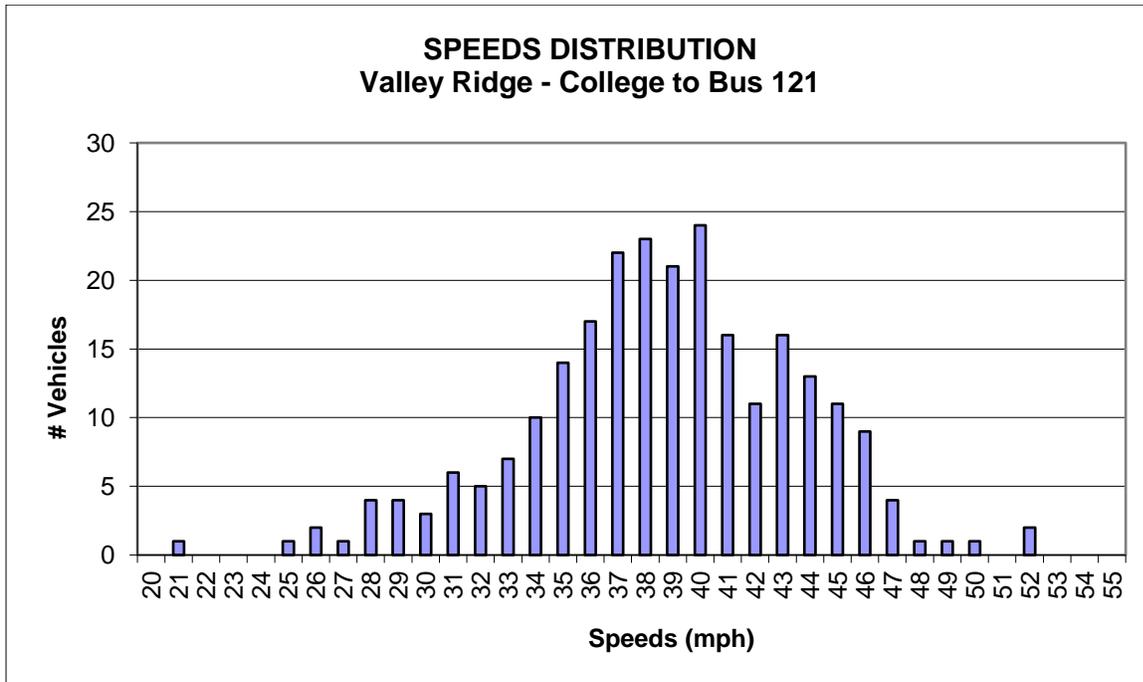


Figure 2: Speed Distribution of the vehicles on Valley Ridge Blvd between College & 121 Bus

The 85th percentile speed on the existing section of Valley Ridge Blvd between College St and SH 121 Business is 43.5 mph. The existing speed limit on Valley Ridge Blvd south of SH 121 Bus is 40 mph and the proposed speed limit on Valley Ridge Blvd north of College St is 40 mph. So, it is recommended that the speed limit on the existing street section of Valley Ridge Blvd be increased from the current posted limit of 35 mph to 40 mph.

All signage needed will be provided and installed by City Personnel.

Recommendation:

That the Transportation Board approve the recommendation to the City Council to establish the maximum speed limit on Valley Ridge Boulevard from Mill Street to State Highway 121 Business of 40 miles per hour.

APPENDIX



RADAR MOTOR VEHICLE SPEED Field Tally Sheet

Form 1882
(Rev. 02/12)
Page 1 of 2

Date: 10/25/17 County: Denton Hwy: Valley Ridge Blvd Location: approx. 1100 feet east of Mill St

Time (from): 2:40 PM (to): 4:30 PM Weather: Sunny, 80 degrees

Surface type: Concrete Surface condition: Wet or Dry / Smooth or Rough

| M.P.H. | AUTOMOBILES | CUMULATIVE M.P.H. TOTAL | AUTOMOBILES | CUMULATIVE M.P.H. TOTAL | TRUCKS & BUSES AUTOMOBILES | | M.P.H. |
|---------------------------------|---------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|---------------|--------|
| | Direction: EB | | Direction: WB | | Direction: EB | Direction: WB | |
| >80 | | | | | | | >80 |
| 79 | | | | | | | 79 |
| 78 | | | | | | | 78 |
| 77 | | | | | | | 77 |
| 76 | | | | | | | 76 |
| 75 | | | | | | | 75 |
| 74 | | | | | | | 74 |
| 73 | | | | | | | 73 |
| 72 | | | | | | | 72 |
| 71 | | | | | | | 71 |
| 70 | | | | | | | 70 |
| 69 | | | | | | | 69 |
| 68 | | | | | | | 68 |
| 67 | | | | | | | 67 |
| 66 | | | | | | | 66 |
| 65 | | | | | | | 65 |
| 64 | | | | | | | 64 |
| 63 | | | | | | | 63 |
| 62 | | | | | | | 62 |
| 61 | | | | | | | 61 |
| 60 | | | | | | | 60 |
| 59 | | | | | | | 59 |
| 58 | | | | | | | 58 |
| 57 | | | | | | | 57 |
| 56 | | | | | | | 56 |
| 55 | | | | | | | 55 |
| 54 | | | | | | | 54 |
| 53 | | 129 | | 127 | | | 53 |
| 52 | | 128 | | 126 | | | 52 |
| 51 | | 128 | | 126 | | | 51 |
| 50 | | 126 | | 125 | | | 50 |
| 49 | | 126 | | 123 | | | 49 |
| 48 | | 126 | | 123 | | | 48 |
| 47 | | 123 | | 120 | | | 47 |
| 46 | | 120 | | 119 | | | 46 |
| 45 | | 119 | | 118 | | | 45 |
| 44 | | 114 | | 116 | | | 44 |
| 43 | | 109 | | 112 | | | 43 |
| 42 | | 96 | | 104 | | | 42 |
| 41 | | 90 | | 95 | | | 41 |
| 40 | | 78 | | 88 | | | 40 |
| 39 | | 70 | | 73 | | | 39 |
| 38 | | 63 | | 59 | | | 38 |
| 37 | | 44 | | 46 | | | 37 |
| 36 | | 30 | | 33 | | | 36 |
| 35 | | 18 | | 21 | | | 35 |
| 34 | | 13 | | 16 | | | 34 |
| 33 | | 9 | | 12 | | | 33 |
| 32 | | 4 | | 9 | | | 32 |
| 31 | | 4 | | 6 | | | 31 |
| <30 | | 4 | | 5 | | | <30 |
| Total Automobiles | | 129 | Total Automobiles | | 127 | | |
| x 0.85 | | | x 0.85 | | | | |
| 85th Percentile Automobile: | | 110 | 85th Percentile Automobile: | | 108 | | |
| 85th Percentile Speed (m.p.h.): | | 44 | 85th Percentile Speed (m.p.h.): | | 43 | | |

DATA COLLECTED BY:
SAGAR MEONSETTY



RADAR MOTOR VEHICLE SPEED Field Tally Sheet

Date: 10/20/17 County: Denton Hwy: Valley Ridge Blvd Location: approx. 2200 feet east of Mill St

Time (from): 11:58 AM (to): 01:32 PM Weather: Clear, Sunny

Surface type: Concrete Surface condition: Wet or Dry / Smooth or Rough

| M.P.H. | AUTOMOBILES | | M.P.H. | AUTOMOBILES | | M.P.H. | TRUCKS & BUSES AUTOMOBILES | | M.P.H. |
|---------------------------------|---------------|------------|---------------------------------|---------------|------------|--------|-------------------------------|--|--------|
| | Direction: EB | | | Direction: WB | | | Direction: EB | | |
| >80 | | | | | | | | | >80 |
| 79 | | | | | | | | | 79 |
| 78 | | | | | | | | | 78 |
| 77 | | | | | | | | | 77 |
| 76 | | | | | | | | | 76 |
| 75 | | | | | | | | | 75 |
| 74 | | | | | | | | | 74 |
| 73 | | | | | | | | | 73 |
| 72 | | | | | | | | | 72 |
| 71 | | | | | | | | | 71 |
| 70 | | | | | | | | | 70 |
| 69 | | | | | | | | | 69 |
| 68 | | | | | | | | | 68 |
| 67 | | | | | | | | | 67 |
| 66 | | | | | | | | | 66 |
| 65 | | | | | | | | | 65 |
| 64 | | | | | | | | | 64 |
| 63 | | | | | | | | | 63 |
| 62 | | | | | | | | | 62 |
| 61 | | | | | | | | | 61 |
| 60 | | | | | | | | | 60 |
| 59 | | | | | | | | | 59 |
| 58 | | | | | | | | | 58 |
| 57 | | | | | | | | | 57 |
| 56 | | | | | | | | | 56 |
| 55 | | | | | | | | | 55 |
| 54 | | | | | | | | | 54 |
| 53 | | | | | | | | | 53 |
| 52 | | | | | | | | | 52 |
| 51 | | | | | | 127 | | | 51 |
| 50 | | | 130 | | | 126 | | | 50 |
| 49 | | | 129 | | | 125 | | | 49 |
| 48 | | | 128 | | | 125 | | | 48 |
| 47 | | | 125 | | | 124 | | | 47 |
| 46 | | | 120 | | | 124 | | | 46 |
| 45 | | | 115 | | | 121 | | | 45 |
| 44 | | ← | 112 | | | 116 | | | 44 |
| 43 | | | 108 | | ← | 113 | | | 43 |
| 42 | | | 98 | | | 104 | | | 42 |
| 41 | | | 92 | | | 91 | | | 41 |
| 40 | | | 83 | | | 82 | | | 40 |
| 39 | | | 67 | | | 76 | | | 39 |
| 38 | | | 53 | | | 64 | | | 38 |
| 37 | | | 39 | | | 57 | | | 37 |
| 36 | | | 31 | | | 47 | | | 36 |
| 35 | | | 25 | | | 37 | | | 35 |
| 34 | | | 18 | | | 29 | | | 34 |
| 33 | | | 13 | | | 16 | | | 33 |
| 32 | | | 10 | | | 8 | | | 32 |
| 31 | | | 4 | | | 8 | | | 31 |
| <30 | | | 2 | | | 3 | | | <30 |
| Total Automobiles | | 130 | Total Automobiles | | 127 | x 0.85 | | | |
| 85th Percentile Automobile: | | 111 | 85th Percentile Automobile: | | 108 | x 0.85 | | | |
| 85th Percentile Speed (m.p.h.): | | 42 | 85th Percentile Speed (m.p.h.): | | 43 | | | | |

DATA COLLECTED BY:
SAGAR MEDISETTY



TUESDAY

RADAR MOTOR VEHICLE SPEED Field Tally Sheet

Form 1882 (Rev. 02/12) Page 1 of 2

Date: 10/25/17 County: Denton Hwy: Valley Ridge Blvd Location: approx. 1000 feet east of Kealy Ave

Time (from): 11:10AM (to): 01:10 PM Weather: Cloudy

Surface type: Concrete Surface condition: Wet or Dry / Smooth or Rough

Table with columns for M.P.H., AUTOMOBILES Direction: EB, CUMULATIVE M.P.H. TOTAL, AUTOMOBILES Direction: WB, CUMULATIVE M.P.H. TOTAL, TRUCKS & BUSES AUTOMOBILES Direction: EB, TRUCKS & BUSES AUTOMOBILES Direction: WB, M.P.H. Includes handwritten data and totals.

Reorder

DATA COLLECTED BY:-

SAGAR MEDISETTY



RADAR MOTOR VEHICLE SPEED Field Tally Sheet

Form 1882
(Rev. 02/12)
Page 1 of 2

WEDNESDAY

Date: 10/25/17 County: Denton Hwy: Valley Ridge Blvd Location: approx. 2100 feet east of Kealy Ave

Time (from): 03:30 PM (to): 04:40 PM Weather: Clear

Surface type: Concrete Surface condition: Wet or Dry / Smooth or Rough

| M.P.H. | AUTOMOBILES | | CUMULATIVE M.P.H. TOTAL | AUTOMOBILES | | CUMULATIVE M.P.H. TOTAL | AUTOMOBILES | | M.P.H. |
|---------------------------------|---------------|---|-------------------------------|---------------------------------|---|-------------------------------|---------------|--|--------|
| | Direction: EB | | | Direction: WB | | | Direction: EB | | |
| >80 | | | | | | | | | >80 |
| 79 | | | | | | | | | 79 |
| 78 | | | | | | | | | 78 |
| 77 | | | | | | | | | 77 |
| 76 | | | | | | | | | 76 |
| 75 | | | | | | | | | 75 |
| 74 | | | | | | | | | 74 |
| 73 | | | | | | | | | 73 |
| 72 | | | | | | | | | 72 |
| 71 | | | | | | | | | 71 |
| 70 | | | | | | | | | 70 |
| 69 | | | 135 | | | | | | 69 |
| 68 | | | 134 | | | | | | 68 |
| 67 | | | | | | | | | 67 |
| 66 | | | | | | | | | 66 |
| 65 | | | | | | | | | 65 |
| 64 | | | | | | | | | 64 |
| 63 | | | | | | | | | 63 |
| 62 | | | | | | | | | 62 |
| 61 | | | | | | | | | 61 |
| 60 | | | 133 | | | | | | 60 |
| 59 | | | 132 | | | | | | 59 |
| 58 | | | 132 | | | | | | 58 |
| 57 | | | 132 | | | | | | 57 |
| 56 | | | 131 | | | | | | 56 |
| 55 | | | 130 | | | | | | 55 |
| 54 | | | 130 | | | | | | 54 |
| 53 | | | 130 | | | 135 | | | 53 |
| 52 | | | 128 | | | 134 | | | 52 |
| 51 | | | 127 | | | 134 | | | 51 |
| 50 | | | 125 | | | 133 | | | 50 |
| 49 | | | 120 | | | 131 | | | 49 |
| 48 | | ← | 115 | | | 128 | | | 48 |
| 47 | | | 109 | | | 126 | | | 47 |
| 46 | | | 103 | | ← | 122 | | | 46 |
| 45 | | | 91 | | | 114 | | | 45 |
| 44 | | | 84 | | | 108 | | | 44 |
| 43 | | | 69 | | | 99 | | | 43 |
| 42 | | | 60 | | | 90 | | | 42 |
| 41 | | | 52 | | | 71 | | | 41 |
| 40 | | | 41 | | | 61 | | | 40 |
| 39 | | | 35 | | | 53 | | | 39 |
| 38 | | | 31 | | | 47 | | | 38 |
| 37 | | | 26 | | | 43 | | | 37 |
| 36 | | | 19 | | | 32 | | | 36 |
| 35 | | | 14 | | | 24 | | | 35 |
| 34 | | | 12 | | | 17 | | | 34 |
| 33 | | | 9 | | | 14 | | | 33 |
| 32 | | | 8 | | | 11 | | | 32 |
| 31 | | | 6 | | | 9 | | | 31 |
| <30 | | | 2 | | | 6 | | | <30 |
| Total Automobiles | | | 135 | Total Automobiles | | 135 | | | |
| | | | x 0.85 | | | x 0.85 | | | |
| 85th Percentile Automobile: | | | 115 | 85th Percentile Automobile: | | 115 | | | |
| 85th Percentile Speed (m.p.h.): | | | 48 | 85th Percentile Speed (m.p.h.): | | 46 | | | |

DATA COLLECTED BY:-
KEVIN NIMS.



RADAR MOTOR VEHICLE SPEED Field Tally Sheet

Date: 10/24/17 County: Denton Hwy: Valley Ridge Blvd Location: approx. 3700 feet east of Kealy Ave

Time (from): 03:00 PM (to): 04:25 PM Weather: Clear

Surface type: Concrete Surface condition: Wet or Dry / Smooth or Rough

| M.P.H. | AUTOMOBILES | | CUMULATIVE M.P.H. TOTAL | AUTOMOBILES | | CUMULATIVE M.P.H. TOTAL | AUTOMOBILES | | M.P.H. |
|---------------------------------|------------------|---|-------------------------------|---------------------------------|--|-------------------------------|---------------|---------------|--------|
| | Direction: EB/SB | | | Direction: WB/NB | | | Direction: EB | Direction: WB | |
| >80 | | | | | | | | | >80 |
| 79 | | | | | | | | | 79 |
| 78 | | | | | | | | | 78 |
| 77 | | | | | | | | | 77 |
| 76 | | | | | | | | | 76 |
| 75 | | | | | | | | | 75 |
| 74 | | | | | | | | | 74 |
| 73 | | | | | | | | | 73 |
| 72 | | | | | | | | | 72 |
| 71 | | | | | | | | | 71 |
| 70 | | | | | | | | | 70 |
| 69 | | | | | | | | | 69 |
| 68 | | | | | | | | | 68 |
| 67 | | | | | | | | | 67 |
| 66 | | | | | | | | | 66 |
| 65 | | | | | | | | | 65 |
| 64 | | | | | | | | | 64 |
| 63 | | | | | | | | | 63 |
| 62 | | | | | | | | | 62 |
| 61 | | | | | | | | | 61 |
| 60 | | | | | | | | | 60 |
| 59 | | | | | | | | | 59 |
| 58 | | | | | | | | | 58 |
| 57 | | | | | | | | | 57 |
| 56 | | | | | | | | | 56 |
| 55 | | | 125 | | | | | | 55 |
| 54 | | | 124 | | | 125 | | | 54 |
| 53 | | | 124 | | | 122 | | | 53 |
| 52 | | | 124 | | | 122 | | | 52 |
| 51 | | | 122 | | | 121 | | | 51 |
| 50 | | | 118 | | | 118 | | | 50 |
| 49 | | | 117 | ### | | 115 | | | 49 |
| 48 | | | 114 | ### | | 110 | | | 48 |
| 47 | ### | ← | 112 | ### | | 105 | | | 47 |
| 46 | ### | | 104 | ### | | 100 | | | 46 |
| 45 | ### | | 98 | ### | | 91 | | | 45 |
| 44 | ### | | 93 | ### ## | | 83 | | | 44 |
| 43 | ### | | 85 | ### | | 72 | | | 43 |
| 42 | ### | | 78 | ### | | 63 | | | 42 |
| 41 | ### ## | | 70 | ### | | 56 | | | 41 |
| 40 | ### | | 60 | ### | | 50 | | | 40 |
| 39 | ### | | 53 | ### ## | | 43 | | | 39 |
| 38 | ### | | 49 | ### | | 33 | | | 38 |
| 37 | ### | | 43 | | | 25 | | | 37 |
| 36 | ### | | 36 | ### | | 21 | | | 36 |
| 35 | ### | | 31 | ### | | 16 | | | 35 |
| 34 | | | 25 | | | 9 | | | 34 |
| 33 | | | 21 | ## | | 6 | | | 33 |
| 32 | ### | | 17 | | | 1 | | | 32 |
| 31 | | | 12 | | | 0 | | | 31 |
| <30 | ### | | 9 | | | 0 | | | <30 |
| Total Automobiles | | | 125 | Total Automobiles | | 125 | | | |
| | | | x 0.85 | | | x 0.85 | | | |
| 85th Percentile Automobile: | | | 106 | 85th Percentile Automobile: | | 106 | | | |
| 85th Percentile Speed (m.p.h.): | | | 47 | 85th Percentile Speed (m.p.h.): | | 48 | | | |

Data Collected By:
KEVIN L. NIMS



RADAR MOTOR VEHICLE SPEED Field Tally Sheet

Form 1882
(Rev. 02/12)
Page 1 of 2

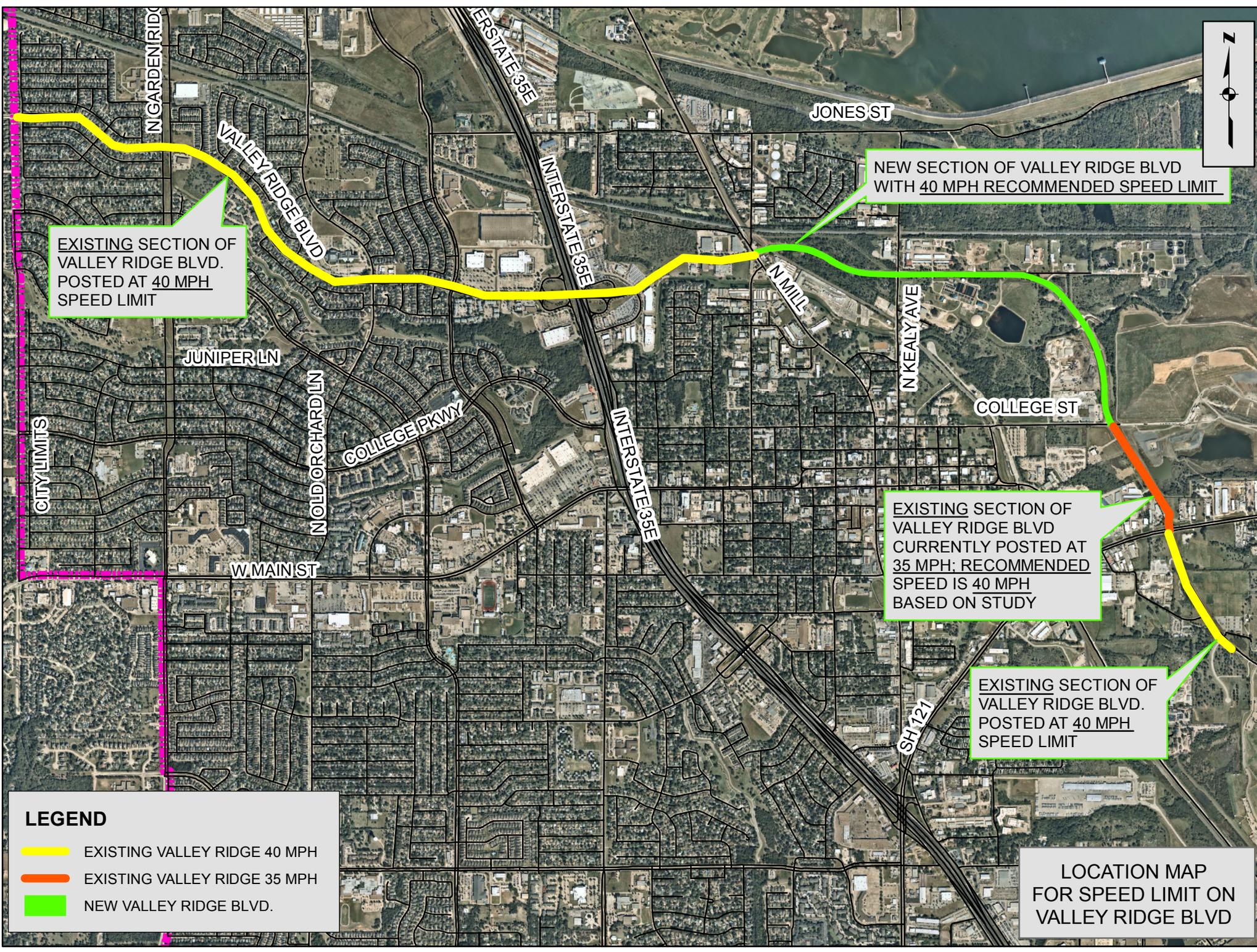
TUESDAY

Date: 10/24/17 County: Denton Hwy: Valley Ridge Blvd Location: approx. 1200 feet south of College St (btwn College & 121 Bus)
 Time (from): 09:00 AM (to): 10:35 AM Weather: Clear

Surface type: Concrete Surface condition: Wet or Dry / Smooth or Rough

| M.P.H. | AUTOMOBILES | | AUTOMOBILES | | TRUCKS & BUSES AUTOMOBILES | | M.P.H. |
|---------------------------------|------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|----------------------|--------|
| | Direction: EB/SB | CUMULATIVE M.P.H. TOTAL | Direction: WB/NB | CUMULATIVE M.P.H. TOTAL | Direction: EB/SB | Direction: WB/ NB | |
| >80 | | | | | | | >80 |
| 79 | | | | | | | 79 |
| 78 | | | | | | | 78 |
| 77 | | | | | | | 77 |
| 76 | | | | | | | 76 |
| 75 | | | | | | | 75 |
| 74 | | | | | | | 74 |
| 73 | | | | | | | 73 |
| 72 | | | | | | | 72 |
| 71 | | | | | | | 71 |
| 70 | | | | | | | 70 |
| 69 | | | | | | | 69 |
| 68 | | | | | | | 68 |
| 67 | | | | | | | 67 |
| 66 | | | | | | | 66 |
| 65 | | | | | | | 65 |
| 64 | | | | | | | 64 |
| 63 | | | | | | | 63 |
| 62 | | | | | | | 62 |
| 61 | | | | | | | 61 |
| 60 | | | | | | | 60 |
| 59 | | | | | | | 59 |
| 58 | | | | | | | 58 |
| 57 | | | | | | | 57 |
| 56 | | | | | | | 56 |
| 55 | | | | | | | 55 |
| 54 | | | | | | | 54 |
| 53 | | | | | | | 53 |
| 52 | | 125 | | 125 | | | 52 |
| 51 | | | | 125 | | | 51 |
| 50 | | | | 124 | | | 50 |
| 49 | | | | 123 | | | 49 |
| 48 | | | | 122 | | | 48 |
| 47 | | 124 | | 121 | | | 47 |
| 46 | | 123 | | 118 | | | 46 |
| 45 | | 122 | | 110 | | | 45 |
| 44 | | 119 | | 102 | | | 44 |
| 43 | | 112 | | 96 | | | 43 |
| 42 | | 107 | | 85 | | | 42 |
| 41 | | 103 | | 78 | | | 41 |
| 40 | | 96 | | 69 | | | 40 |
| 39 | | 82 | | 59 | | | 39 |
| 38 | | 72 | | 48 | | | 38 |
| 37 | | 58 | | 39 | | | 37 |
| 36 | | 47 | | 28 | | | 36 |
| 35 | | 38 | | 20 | | | 35 |
| 34 | | 30 | | 14 | | | 34 |
| 33 | | 24 | | 10 | | | 33 |
| 32 | | 19 | | 8 | | | 32 |
| 31 | | 15 | | 7 | | | 31 |
| <30 | | 10 | | 6 | | | <30 |
| Total Automobiles | | 125 | Total Automobiles | | 125 | | |
| | | x 0.85 | | | x 0.85 | | |
| 85th Percentile Automobile: | | 106 | 85th Percentile Automobile: | | 106 | | |
| 85th Percentile Speed (m.p.h.): | | 42 | 85th Percentile Speed (m.p.h.): | | 45 | | |

DATA COLLECTED BY:-
KEVIN NIMS



EXISTING SECTION OF VALLEY RIDGE BLVD. POSTED AT 40 MPH SPEED LIMIT

NEW SECTION OF VALLEY RIDGE BLVD WITH 40 MPH RECOMMENDED SPEED LIMIT

EXISTING SECTION OF VALLEY RIDGE BLVD CURRENTLY POSTED AT 35 MPH; RECOMMENDED SPEED IS 40 MPH BASED ON STUDY

EXISTING SECTION OF VALLEY RIDGE BLVD. POSTED AT 40 MPH SPEED LIMIT

LEGEND

-  EXISTING VALLEY RIDGE 40 MPH
-  EXISTING VALLEY RIDGE 35 MPH
-  NEW VALLEY RIDGE BLVD.

LOCATION MAP FOR SPEED LIMIT ON VALLEY RIDGE BLVD