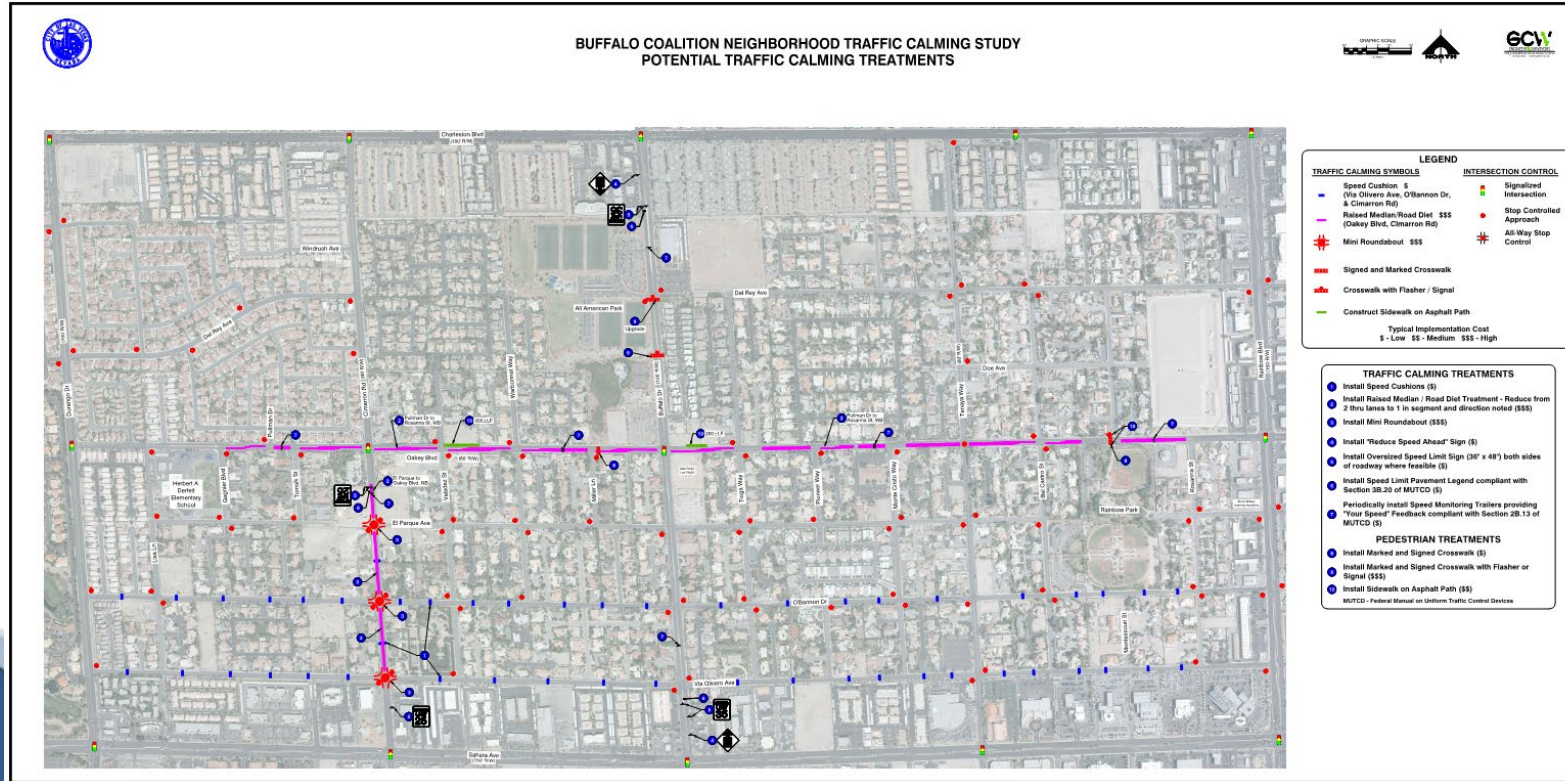


Items 6 and 7 – Buffalo Coalition Neighborhood Traffic Study



Buffalo Coalition boundaries: Durango Dr., Charleston Blvd., Rainbow Blvd., and Sahara Ave.

Timeline:

- April 2021 – Transportation Engineering Division (TED) staff met with the neighborhood to discuss study process and resident concerns.
- July 2021 – TED hosted a neighborhood meeting at City Hall and presented data collection results.
- July-August 2021 – Collected input from residents about traffic concerns.
- November 2021 – TED staff met with the neighborhood at the Sahara Library to discuss speed mitigation recommendations.
- January-May 2022 – Implemented low-cost speed reduction countermeasures, which included pavement markings and oversized speed limit signs on Buffalo and Cimarron. Data collection pending to measure effectiveness.

Submitted at Meeting
Date: 8/25/22 Item: 6
By Staff



Item 6 – O'Bannon Drive Speed Cushions



O'Bannon Dr. – Durango Dr. to Cimarron Dr.:

- Study date: June 2021
- Posted Speed: 25 mph
- 85th Percentile Speed: 39 mph
- Average Speed: 35 mph
- 24 hr counts: 755
 - For 91 family homes, trip generation would expect ~455 vehicle trips.
 - 40% cut-through traffic.

O'Bannon Dr. – Cimarron Dr. to Buffalo Dr.:

- Study date: June 2021
- Posted Speed: 25 mph
- 85th Percentile Speed: 36 mph
- Average Speed: 31 mph
- 24 hr counts: 509
 - For 66 family homes, trip generation would expect ~330 vehicle trips.
 - 35% cut-through traffic.



Item 6 – O'Bannon Drive Speed Cushions



Speed cushions as traffic calming tools

- Reduce the number of vehicles that are excessively speeding by an average of 20-25%
- Reduce the volume of traffic on a road by up to 20%
- Have minimal impact on emergency response times, with less than a one second delay

Test Location: O'Bannon Dr. – Lisa Ln. to 500 feet west of Cimarron Dr.

- Install 3 speed cushions
- Asphalt cushions
 - Total Cost: ~\$36,000
 - ~200 feet from intersecting street
 - ~400 feet between cushions
- CLV Fire & Rescue support speed cushions

