Office of Neighborhood Services

2023 Mobile Speed

Feedback Report

2023 Mobile Speed Feedback Report

Executive Summary

This report includes speed feedback data from mobile speed signs deployed during 2023. The report and data provided includes:

- Location information and map
- Length of time sign was collecting data at location
- Number of vehicles tracked by speed sign while in location
- Percentage and number of vehicles traveling over posted speed limit
- Average speed of traffic that were tracked by the mobile speed sign

Overview of 2023 Mobile Speed Feedback Program:

The mobile speed sign program provides five data-collecting mobile speed sign (white) trailers and three non-data collecting mobile speed sign (blue) trailers to be placed in neighborhoods for eleven days within a two-week period. An effort is made to evenly distribute the speed signs across all neighborhoods. The locations were based on requests from neighborhood councils. Some auxiliary location requests were accepted, dependent on trailer availability. This season, we partnered with the Street Department to deploy and set up trailers.

Data Overview

The data in this report is not 100% accurate:

- The trailers are not able to collect data from vehicles in the outside lane on multi-lane streets, only the vehicle closest to the trailer.
- When cars are traveling close together, the trailer may collect data from the first vehicle and last vehicles, and not each and every following vehicle.
- The mobile speed feedback signs are solar powered and depending on time of year and sign placement data collection may be off.
- The trailers may collect data from walkers and bicyclists.

Due to these restrictions in data collection, this information is not official and is shared only as a point of interest.

Recommendations for Mobile Speed Signs:

It is recommended that future mobile speed sign use for neighborhoods.

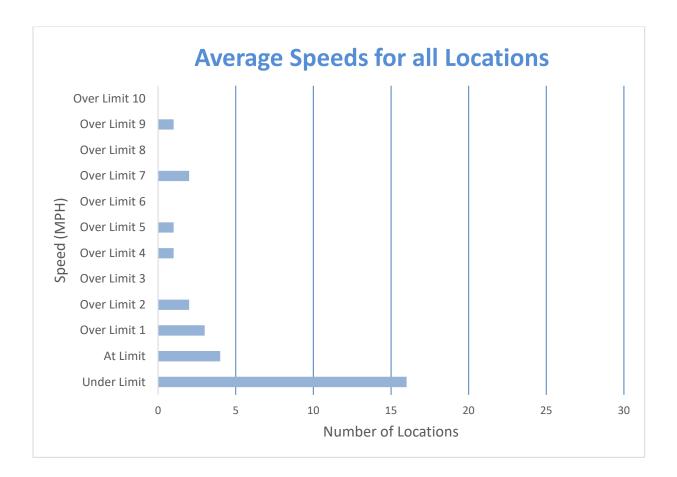
• When considering locations, scope out the area for sunlight access as the signs rely on solar panels to charge their batteries.

- When considering locations, scope out the area for clear parking spaces around the proposed locations that would be near the radar range, the radar needs space to register anything moving towards it. Or place the trailer in the yard or street of adjacent property owner.
- When considering locations, *do not place* within at least a half block of a stop sign, speeds recorded will be slower than the rest of street. Nor in areas with multiple speed limits, like school or park zones.
- When considering locations, place in a safe or well-lit locations where there is less likelihood of vandalism. This year two trailers had solar panels stolen and one trailer was completely destroyed from vandalism, therefore reducing the number of trailers available during the season for deployment.



Neighborhoods should assess bicycle lane access when determining request locations

*The 85th percentile speed is the speed at or below which 85 percent of the motorists drive on a given road unaffected by slower traffic or poor weather. This speed indicates the speed that most motorists on the road consider safe and reasonable under ideal conditions. It is typically used as a guideline for the appropriate speed limit for that road.



District One:

Chief Garry Park Neighborhood: Mission Avenue between S. Riverton and Helena Streets



The mobile speed sign was placed on Mission Avenue between S. Riverton and Helena streets, capturing westbound traffic. The sign was turned on June 12, 2023, and turned off June 23, 2023.

Speed Statistics	
Posted	30
Average Speed	30
85 th Percentile	36
# of Vehicles Tracked	65,057

Chief Garry Park Neighborhood: Mission Avenue between Crestline and Lee Streets



The mobile speed sign was placed on Mission Avenue between Crestline and Lee streets facing eastbound traffic. The sign was placed at this location from September 4, 2023, through September 15, 2023. A blue trailer was used and no data was collected.

Chief Garry Park Neighborhood: S. Riverton Avenue near Regal Street



The mobile speed sign was requested to be placed on Mission Ave. between Crestline and Lee streets facing eastbound traffic. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*

Logan Neighborhood: Marietta Avenue between Morton and Columbus Street



The mobile speed sign was placed on Marietta Avenue between Morton and Columbus streets, capturing eastbound traffic. The sign was turned on May 1, 2023, and turned off May 12, 2023.

Speed Statistics	
Posted	30
Average Speed	17
85 th Percentile	25
# of Vehicles Tracked	20,792

Logan Neighborhood: N. Center Road near Upriver Drive



The mobile speed sign was placed on N. Center Rd. near Upriver Dr., facing southbound traffic. The sign was placed at this location from June 12, 2023, to June 23, 2023. A blue trailer was used and no data was collected.

Logan Neighborhood: Cincinnati Street near Carlisle Avenue



The mobile speed sign was placed on Cincinnati St. near Carlisle Ave., facing westbound traffic. The sign was turned on September 4, 2023, and turned off September 15, 2023. *A blue trailer was used and no data was collected.*

Minnehaha Neighborhood: Frederick Avenue near Havana Street



The mobile speed sign was placed on Frederick Avenue near Havana Street, facing westbound traffic. The sign was turned on May 1, 2023 and because the trailer was vandalized, the trailer was not deployed for its entire schedule and no data was able to be collected.

Minnehaha Neighborhood: Freya Street near Garnet Avenue



The mobile speed sign was placed on Freya Street near Garnet Avenue, facing southbound traffic. The sign was turned on May 29, 2023, and because *the trailer was vandalized, the trailer was not deployed for its entire schedule and no data was able to be collected*.

Minnehaha Neighborhood: Upriver Drive near Freya Street



The mobile speed sign was placed on Upriver Drive near Freya Street, capturing eastbound traffic. The sign was turned on June 26, 2023, and turned off on June 28, 2023. *The trailer was vandalized so data was not able to be collected for the entire deployment schedule.*

Speed Statistics	
Posted	30
Average Speed	30
85 th Percentile	38
# of Vehicles Tracked	25,801

Riverside Neighborhood: Monroe Street between Main and First Avenues



The mobile speed sign was placed on Monroe St. between Main and First avenues, capturing northbound traffic. The sign was turned on July 10, 2023, and turned off July 21, 2023.

Speed Statistics	
Posted	30
Average Speed	24
85 th Percentile	32
# of Vehicles Tracked	207,902

Riverside Neighborhood: Riverside Avenue between Monroe and Cedar Streets



The mobile speed sign was placed on Riverside Ave. between Monroe and Cedar streets, capturing eastbound traffic. The sign was turned on August 20, 2023, and off on August 21, 2023, and *then was replaced with a blue trailer that does not track data due to a shortage of trailers*.

Speed Statistics	
Posted	30
Average Speed	12
85 th Percentile	18
# of Vehicles Tracked	478

Shiloh Hills Neighborhood: St. Thomas Moore near Shenandoah Drive



The mobile speed sign was placed on St. Thomas Moore near Shenandoah Drive, capturing eastbound traffic. The sign was turned on May 15, 2023, and turned off May 26, 2023.

Speed Statistics	
Posted	25
Average Speed	20
85 th Percentile	25
# of Vehicles Tracked	12,870

Shiloh Hills Neighborhood: Standard Street between Calkins Drive and Greta Drive (by Friendship Park)



The mobile speed sign was placed on Standard Street between Calkins Drive and Greta Drive (by Friendship Park), capturing southbound traffic. The sign was turned on July 24, 2023, and turned off August 4, 2023.

Speed Statistics	
Posted	20
Average Speed	29
85 th Percentile	36
# of Vehicles Tracked	52,147

Shiloh Hills Neighborhood: Standard Street near Greta Drive (by Friendship Park)



The mobile speed sign was placed on Standard Street near Greta Drive. (by Friendship Park), capturing northbound traffic, from August 7, 2023, to August 18, 2023.

Speed Statistics	
Posted	20
Average Speed	22
85 th Percentile	30
# of Vehicles Tracked	83,983

District Two:

Cliff-Cannon Neighborhood: Eighth Avenue between Monroe and Adams Streets



The mobile speed sign was placed on Eighth Ave. between Monroe and Adams streets, facing westbound traffic. The sign was placed at this location from June 26, 2023, to July 7, 2023. *A blue trailer was used and no data was collected*.

Cliff-Cannon Neighborhood: Walnut Street between Seventh and Eighth Avenues



The mobile speed sign was placed on Walnut St. between Seventh and Eighth avenues., facing northbound traffic. The sign was placed at this location on August 7, 2023, to August 18, 2023. *A blue trailer was used and no data was collected*.

Cliff-Cannon Neighborhood: Cedar Street near 16th Avenue



The mobile speed sign was placed on Cedar St. near 16th Ave., capturing northbound traffic. The sign was turned on August 21, 2023, and turned off September 1, 2023.

Speed Statistics	
Posted	30
Average Speed	34
85 th Percentile	38
# of Vehicles Tracked	76,501

Comstock Neighborhood: High Drive between 37th and 33rd Avenues



The mobile speed sign was placed on High Dr. between 37th and 33rd avenues., capturing northbound traffic. The sign was turned on June 12, 2023, and turned off June 26, 2023.

Speed Statistics	
Posted	30
Average Speed	31
85 th Percentile	34
# of Vehicles Tracked	33,218

Comstock Neighborhood: 805 W. 29th Avenue



The mobile speed sign was placed on 805 W. 29th Avenue, facing eastbound traffic. The sign was placed from July 23, 2023, to August 4, 2023. *A blue trailer was used and no data was collected.*

Comstock Neighborhood: High Drive between 37th and 33rd Avenues



The mobile speed sign was requested to be placed on High Dr. between 37th and 33rd avenues., capturing southbound traffic. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*

East Central Neighborhood: 1831 E. Ninth Avenue



The mobile speed sign was placed on 1831 E. Ninth Ave., capturing westbound traffic. The sign was turned on May 29, 2023, and turned off June 9, 2023.

Speed Statistics	
Posted	30
Average Speed	31
85 th Percentile	36
# of Vehicles Tracked	56,686

East Central Neighborhood: Ninth Avenue between Napa and Pittsburgh Streets



The mobile speed sign was placed on Ninth Ave. between Napa and Pittsburgh streets, capturing eastbound traffic. The sign was turned on September 4, 2023, and turned off on September 15, 2023.

Speed Statistics	
Posted	25
Average Speed	22
85 th Percentile	27
# of Vehicles Tracked	8,165

East Central Neighborhood: Altamont Street between Fifth and Sixth Avenues



The mobile speed sign was requested to be placed on Altamont Street between Fifth and Sixth avenues, capturing southbound traffic. The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.

Grandview-Thorpe Neighborhood: D Street between 18th and 19th Avenues



The mobile speed sign was placed D St. between 18th and 19th avenues, capturing southbound traffic. The sign was turned on June 26, 2023, and turned off July 7, 2023.

Speed Statistics	
Posted	25
Average Speed	22
85 th Percentile	27
# of Vehicles Tracked	8,165

Grandview/Thorpe Neighborhood: Lindeke Street near 15th Avenue



The mobile speed sign was requested to be placed on Lindeke St. near 15th Ave., capturing northbound traffic. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*

Grandview/Thorpe Neighborhood: Grandview Street between Garden Springs and 17th Avenue



The mobile speed sign was placed on Grandview St. between Garden Springs and 17th Ave., facing eastbound traffic. The sign was placed on August 21, 2023, to September 1, 2023. *A blue trailer was used and no data was collected*.

Lincoln Heights Neighborhood: 4238 E. 29th Avenue



The mobile speed sign was placed on 4238 E. 29th Ave., capturing eastbound traffic. The sign was turned on July 10, 2023, and turned off July 21, 2023.

Speed Statistics	
Posted	30
Average Speed	30
85 th Percentile	34
# of Vehicles Tracked	38,282

Lincoln Heights Neighborhood: 2019 E. 37th Avenue



The mobile speed sign was placed on 2019 E. 37th Avenue, capturing westbound traffic. The sign was turned on July 24, 2023, and turned off August 4, 2023.

Speed Statistics	
Posted	30
Average Speed	29
85 th Percentile	36
# of Vehicles Tracked	52,147

Lincoln Heights Neighborhood: 3620 E. 35th Avenue



The mobile speed sign was placed on 3620 E. 35th Ave. capturing eastbound traffic. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*

Manito Neighborhood: Lincoln Street between 17th and 18th Avenues



The mobile speed sign was requested to be placed on Lincoln St. between 17th and 18th avenues, facing southbound. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*

Manito Neighborhood: Bernard Street near 22nd Avenue



The mobile speed sign was placed Bernard St. near 22nd Ave., facing northbound. The sign was turned on Sept. 18, 2023, and turned off Sept. 29, 2023.

Speed Statistics	
Posted	30
Average Speed	29
85 th Percentile	35
# of Vehicles Tracked	55,553

Manito Neighborhood: 814 W. 29th Avenue



The mobile speed sign was requested to be placed 814 W. 29th Ave., facing westbound. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*

Rockwood Neighborhood: 25th Avenue between Hatch Road and Grand Boulevard



The mobile speed sign was placed on 25th Ave. between Hatch Rd. and Grand Blvd., capturing westbound traffic. The sign was turned on May 15, 2023, and turned off May 26, 2023.

Speed Statistics	
Posted	25
Average Speed	26
85 th Percentile	36
# of Vehicles Tracked	41,719

Rockwood Neighborhood: 16th Avenue between Rockwood and Southeast Boulevards



The mobile speed sign was placed on 16th Ave. between Rockwood and Southeast boulevards, capturing eastbound traffic. The sign was turned on June 12, 2023, and turned off June 23, 2023.

Speed Statistics	
Posted	25
Average Speed	15
85 th Percentile	22
# of Vehicles Tracked	11,887

Rockwood Neighborhood: Rockwood Boulevard near Ivory Street



The mobile speed sign was requested to be placed on Rockwood Blvd. near Ivory St., capturing westbound traffic. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*

Southgate Neighborhood: Havana Street near 43rd Avenue



The mobile speed sign was placed on Havana St. near 43rd Ave. by Ben Burr Park, capturing northbound traffic. The sign was turned on May 1, 2023, and turned off May 12, 2023.

Speed Statistics	
Posted	25
Average Speed	32
85 th Percentile	42
# of Vehicles Tracked	53,214

Southgate Neighborhood: 1821 E. Thurston Avenue



The mobile speed sign was placed on 1821 E. Thurston, capturing westbound traffic. The sign was turned on May 15, 2023, and turned off May 26, 2023.

Speed Statistics	
Posted	25
Average Speed	26
85 th Percentile	31
# of Vehicles Tracked	24,483

Southgate Neighborhood: 37th Avenue between Myrtle and Cuba Streets



The mobile speed sign was placed on 37th Ave. between Myrtle and Cuba streets, capturing westbound traffic. The sign was turned on May 29, 2023, and turned off June 9, 2023.

Speed Statistics	
Posted	30
Average Speed	30
85 th Percentile	34
# of Vehicles Tracked	52,702

West Hills Neighborhood: 3315 W. Rosamond Avenue



The mobile speed sign was placed on 3315 W. Rosamond Ave., capturing eastbound traffic. The sign was turned on Sept. 18, 2023, and turned off Sept. 29, 2023.

Speed Statistics	
Posted	30
Average Speed	17
85 th Percentile	25
# of Vehicles Tracked	9,783

West Hills Neighborhood: 310 S. Government Way



The mobile speed sign was requested to be placed on 310 S. Government Way., facing eastbound traffic. The trailer was placed on June 26, 2023, to July 7, 2023. *A blue trailer was used and it did not collect data*.

West Hills Neighborhood: 2805 W. Sunset Boulevard



The mobile speed sign was placed on 2805 W. Sunset Blvd., facing eastbound traffic. The trailer was placed on July 10, 2023, to July 21, 2023. *A blue trailer was used and it did not collect data*.

District Three:

Audubon-Downriver Neighborhood: 4523 W. Northwest Boulevard



The mobile speed sign was placed on 4523 W. Northwest Blvd., capturing eastbound traffic. The sign was turned on May 1, 2023, and turned off May 12, 2023.

Speed Statistics	
Posted	25
Average Speed	22
85 th Percentile	28
# of Vehicles Tracked	10,725

Audubon-Downriver Neighborhood: Alberta Street near 2528 W. Walton Avenue



The mobile speed sign was placed on Alberta St. near 2528 W. Walton Ave., capturing northbound traffic. The sign was placed May 15, 2023, to May 26, 2023.

Speed Statistics	
Posted	30
Average Speed	27
85 th Percentile	34
# of Vehicles Tracked	136,580

Audubon-Downriver Neighborhood: Wellesley Avenue west of Shadle Park Library



The mobile speed sign was placed on Wellesley Ave. near Shadle Park Library, capturing eastbound traffic. The sign was placed on June 12, 2023, to June 23, 2023. *A blue trailer was used and no data was collected.*

Balboa-South Indian Trail Neighborhood: Indian Trail Rd near Beacon Avenue



The mobile speed sign was placed on Indian Trail Rd. near 3438 W. Beacon Ave., facing northbound traffic. The sign was placed on September 18, 2023, and to September 29, 2023. *A blue trailer was used and no data was collected.*

Balboa-South Indian Trail Neighborhood: 2704 W. Woodside Avenue



The mobile speed sign was placed on 2704 W. Woodside Ave., capturing westbound traffic. The sign was placed on September 29, 2023, from October 13, 2023.

Speed Statistics	
Posted	25
Average Speed	17
85 th Percentile	23
# of Vehicles Tracked	24,760

Balboa-South Indian Trail Neighborhood: 3624 W. Indian Trail Road



The mobile speed sign was requested to be placed on 3624 W. Indian Trail Rd., capturing northbound traffic. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.* Browne's Addition Neighborhood: Cannon Street between Third and Fourth Avenues



The mobile speed sign was placed on Cannon St. between Third and Fourth avenues, facing northbound traffic. The sign was placed on June 12, 2023, and to June 23, 2023. *A blue trailer was placed and no data was collected.*

Browne's Addition Neighborhood: Second Avenue between Oak and Elm Streets



The mobile speed sign was requested to be placed on Second Ave. between Oak and Elm streets, capturing westbound traffic. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*

Emerson Garfield Neighborhood: 28 W. Buckeye Avenue



The mobile speed sign was placed on 28 W. Buckeye Ave., facing westbound traffic. The sign was placed on June 26, 2023, and to July 7, 2023. *A blue trailer was used and data was not collected*.

Emerson Garfield Neighborhood: 103 W. Euclid Avenue



The mobile speed sign was placed on 103 W. Euclid Ave., capturing westbound traffic. The sign was placed on September 29, 2023, to Oct. 13, 2023. *A blue trailer was used and data was not collected.*

Emerson Garfield Neighborhood: 802 W. Jackson Avenue



The mobile speed sign was requested to be placed on 802 W. Jackson Ave., capturing southbound traffic. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*

Five Mile Prairie Neighborhood: Austin Road near Strong Road



The mobile speed sign was requested to be placed on Austin Road near Strong Road, capturing southbound traffic. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*

Five Mile Prairie Neighborhood: Cascade Way near Quamish Road



The mobile speed sign was requested to be placed on Cascade Way near Quamish Rd., facing eastbound traffic. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*

Five Mile Prairie Neighborhood: Elm Road near Strong Road



The mobile speed sign was placed on Elm Rd. near Strong Rd., capturing eastbound traffic. The sign was turned on September 4, 2023, and turned off September 15, 2023.

Speed Statistics	
Posted	30
Average Speed	29
85 th Percentile	36
# of Vehicles Tracked	38,981

North Hill Neighborhood: Rowan Avenue near Cedar Street



The mobile speed sign was placed on Rowan Ave. near Cedar St., capturing westbound traffic. The sign was turned on May 1, 2023, and turned off May 12, 2023.

Speed Statistics		
Posted	30	
Average Speed	27	
85 th Percentile	34	
# of Vehicles Tracked	49,191	

North Hill Neighborhood: Rowan Avenue near Cedar Street



The mobile speed sign was requested to be placed on Rowan Ave. near Cedar St., capturing eastbound traffic. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*

North Hill Neighborhood: Maple Street near Glass Avenue



The mobile speed sign was placed on Maple St. near Glass Ave., capturing northbound traffic. The sign was placed on July 24, 2023, to August 4, 2023. *A blue trailer was used and no data was collected*.

North Indian Trail Neighborhood: Indian Trail Rd. between Kathleen and Pacific Park



The mobile speed sign was placed Indian Trail Rd. between Kathleen and Pacific Park, capturing southbound traffic. The sign was turned on May 29, 2023, and turned off on June 9, 2023.

Speed Statistics	
Posted	30
Average Speed	35
85 th Percentile	41
# of Vehicles Tracked	119,381

North Indian Trail Neighborhood: Indian Trail Rd. between Kathleen and Pacific Park



The mobile speed sign was requested to be placed on Indian Trail Road between Kathleen and Pacific Park, capturing northbound traffic. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*

North Indian Trail Neighborhood: Barnes Road near Ferndale Road to the bottom of the hill



The mobile speed sign was placed Barnes Rd. between Ferndale Rd., capturing westbound traffic. The sign was turned on August 7, 2023, and turned off on August 18, 2023.

Speed Statistics	
Posted	30
Average Speed	26
85 th Percentile	31
# of Vehicles Tracked	47,026

Northwest Neighborhood: Driscoll Boulevard near Winston Street



The mobile speed sign was requested to be placed on Driscoll Blvd. near Winston St., capturing southbound traffic. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*

Northwest Neighborhood: Ash Street near Francis to Rowan Avenues



The mobile speed sign was placed on Ash St. near between Francis and Rowan avenues., capturing southbound traffic. The sign was turned on September 4, 2023, and turned off September 15, 2003.

Speed Statistics	
Posted	30
Average Speed	32
85 th Percentile	37
# of Vehicles Tracked	111,304

Northwest Neighborhood: Alberta Street between Rowan and Wellesley Avenues



The mobile speed sign was placed Alberta St. between Rowan and Wellesley avenues., facing southbound traffic. The sign was turned on August 21, 2023, and turned off on September 1, 2023. *A blue trailer was used and no data was collected.*

Peaceful Valley Neighborhood: 1900 W. Clarke Avenue



The mobile speed sign was requested to be placed on 1900 W. Clarke Ave., capturing eastbound traffic. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*

Peaceful Valley Neighborhood: 1700 W. Clarke Avenue



The mobile speed sign was placed 1700 W. Clarke Ave., facing westbound traffic. The sign was placed on July 10, 2023, to July 21, 2023. *A blue trailer was used and no data was collected.*

West Central Neighborhood: Pettit Drive near Mission Avenue



The mobile speed sign was placed on Pettit Dr. near Mission Ave., capturing eastbound traffic. The sign was turned on September 29, 2023, and turned off October 13, 2023.

Speed Statistics	
Posted	20
Average Speed	27
85 th Percentile	30
# of Vehicles Tracked	75,760

West Central Neighborhood: Boone Avenue between Chestnut and Belt Streets



The mobile speed sign was placed on Boone Ave. between Chestnut and Belt streets., capturing westbound traffic. The sign was placed from May 29, 2023, to June 9, 2023. *A blue trailer was used and no data was collected.*

West Central Neighborhood: Broadway Avenue near Chestnut Street



The mobile speed sign was requested to be placed Broadway Ave. near Chestnut St. capturing westbound traffic. *The mobile speed sign was not able to be placed at this location due to a reduction in our fleet as a result of vandalism.*