

Office of Neighborhood Services

2022 Mobile Speed Feedback Report

2022 Mobile Speed Feedback Report

Executive Summary

This report includes speed feedback data from mobile speed signs deployed during 2022. 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 2022 Mobile Speed Feedback Program:

The mobile speed sign program provides six data-collecting mobile speed sign 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 C.O.P.S. Spokane to deploy trailers because staffing shortages did not make it possible to have the Street Department move the trailers.

Data Overview

The data in this report is not 100% accurate:

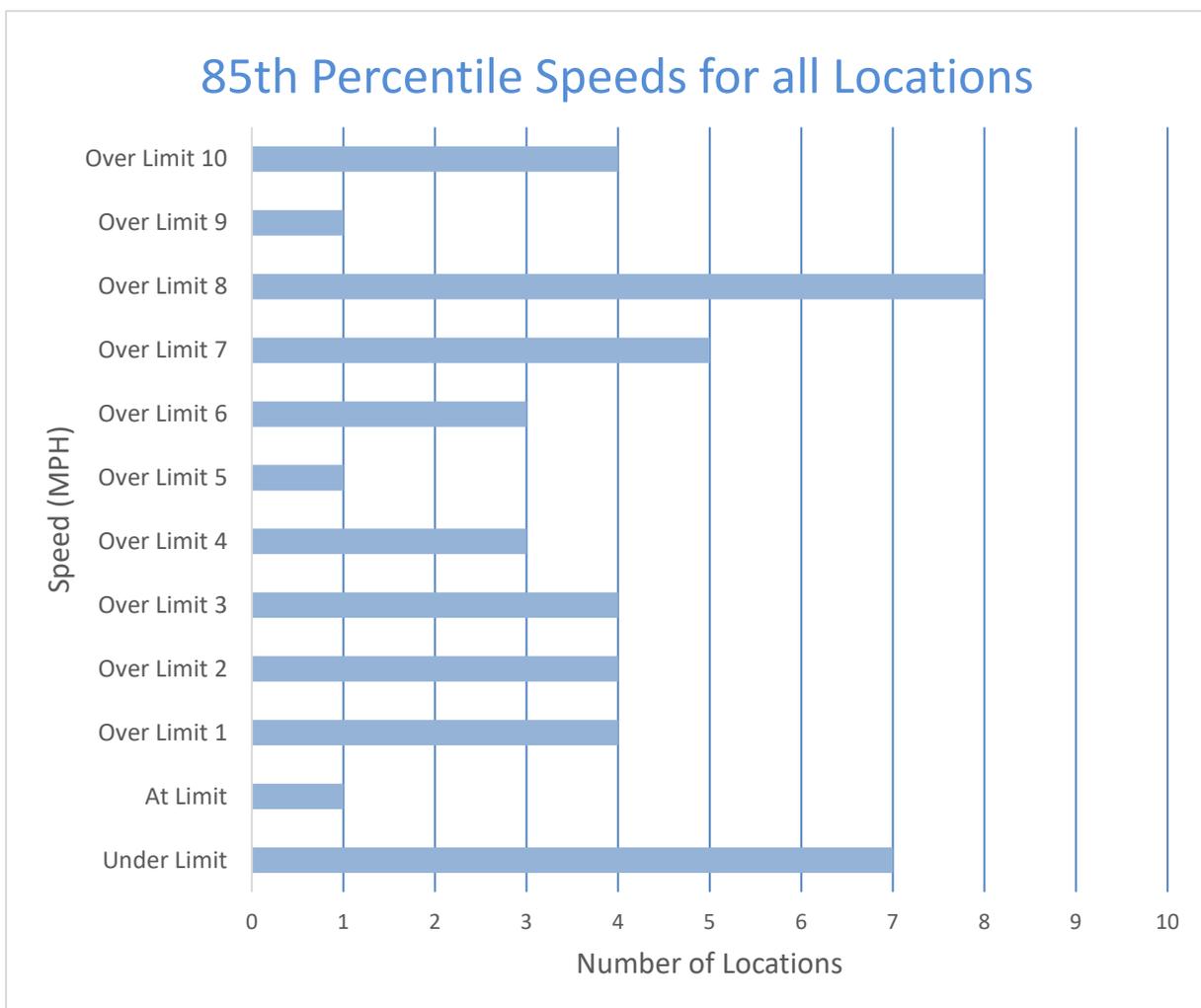
- The trailers are not able to collect data from vehicles in the outside lane on multi-lane streets, only the vehicle closest to the trailer.
- When cars are traveling close together, the trailer may collect data from the first vehicle and last vehicles, and not each and every following vehicle.
- The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

Recommendations for Mobile Speed Signs:

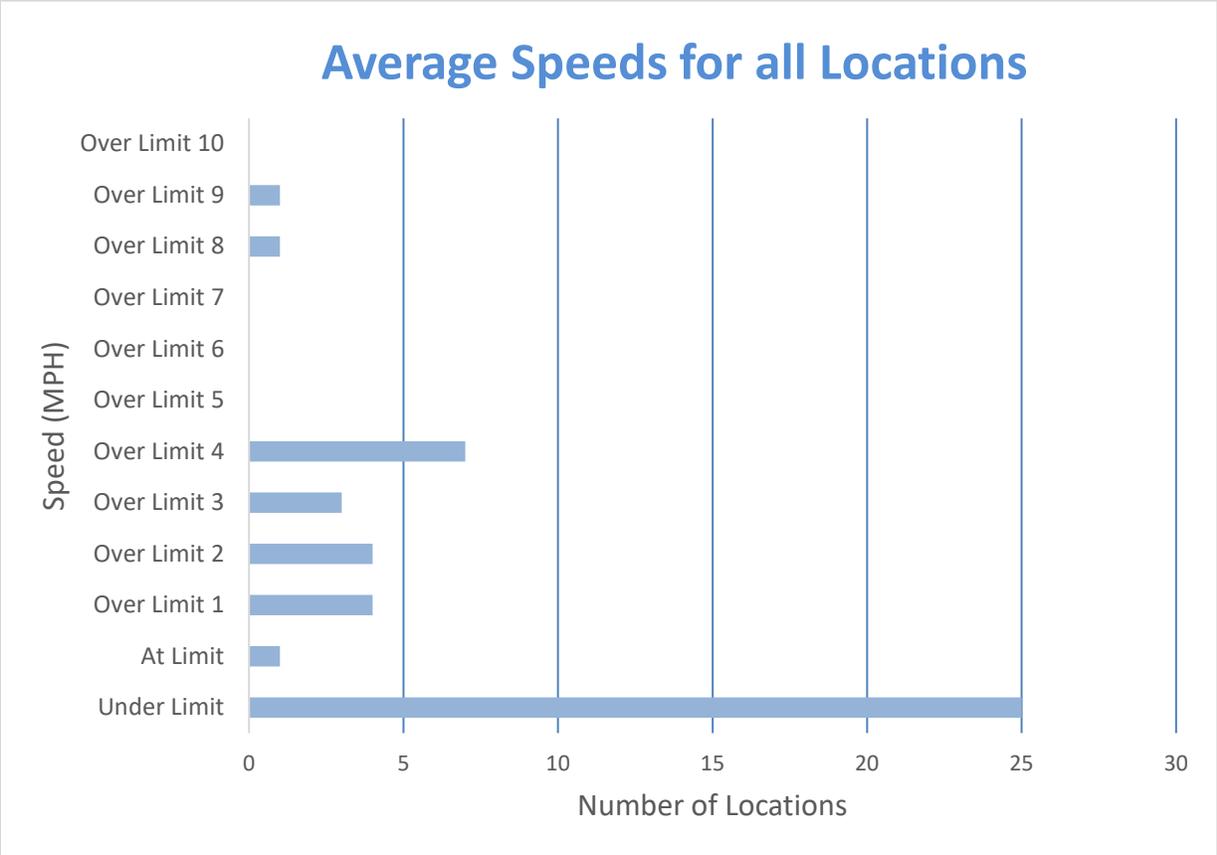
It is recommended that future mobile speed sign use for neighborhoods:

- When possible, get approval by adjacent property owners/residents in right-of-way placement with street parking.
- 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.

- 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.
- Request sign placement in safe locations where there is less likelihood of vandalism. This year the trailers were vandalized four times, therefore reducing the number of trailers available 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:

Bemiss Neighborhood: Regal St. near Bridgeport Ave.



The mobile speed sign was placed on Regal Street by Bridgeport Avenue facing southbound traffic. The sign was placed in the location from May 31, 2022, to June 10, 2022. *No data was collected.*

Bemiss Neighborhood: Cook St. near Liberty Ave.



The mobile speed sign was placed on Cook Street near Liberty Avenue facing northbound traffic. The sign was placed in the location from June 27, 2022, to July 8, 2022. *No data was collected.*

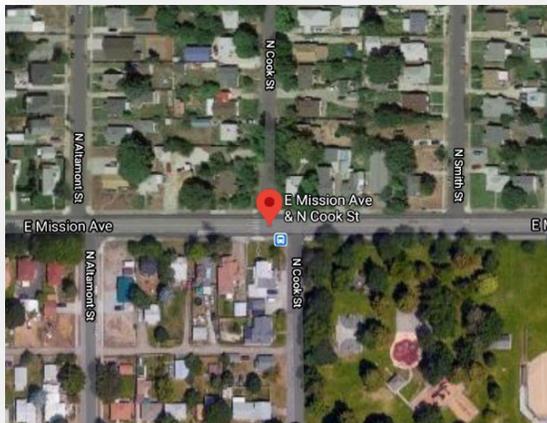
Chief Garry Neighborhood: S. Riverton Ave. between Cook and Lacey St.



The mobile speed sign was placed on S. Riverton Avenue between Cook and Lacey streets, capturing eastbound traffic. The sign was turned on June 13, 2022, and turned off June 24, 2022.

Speed Statistics	
Posted	30
Average Speed	20
85 th Percentile	31
# of Vehicles Tracked	12,625

Chief Garry Neighborhood: E. Mission Ave. between Regal & Cook St. (by Mission Park)



The mobile speed sign was placed on Mission Avenue near Cook Street (by Mission Park), capturing eastbound traffic. The sign was turned on July 11, 2022, and turned off July 22, 2022.

Speed Statistics	
Posted	20
Average Speed	29
85 th Percentile	37
# of Vehicles Tracked	77,167

Chief Garry Neighborhood: 5012 E. Union Ave.



The mobile speed sign was placed on E. 5012 Union Avenue, capturing westbound traffic. The sign was turned on August 8, 2022, and turned off August 19, 2022.

Speed Statistics	
Posted	25
Average Speed	19
85 th Percentile	26
# of Vehicles Tracked	8,271

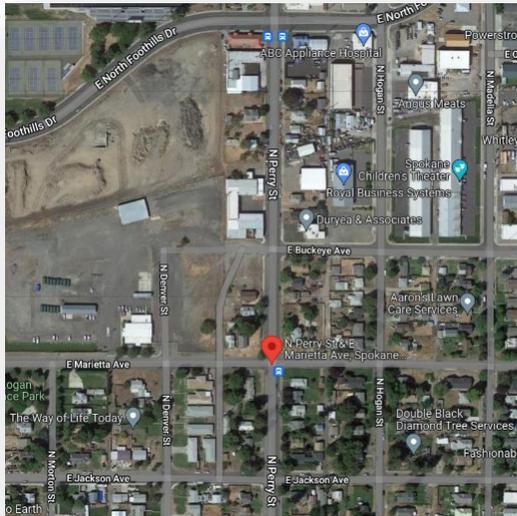
Logan Neighborhood: Upriver Dr. near Center St.



The mobile speed sign was placed on Upriver Drive near N. Center Street, capturing eastbound traffic. The sign was turned on June 13, 2022, and turned off June 24, 2022.

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

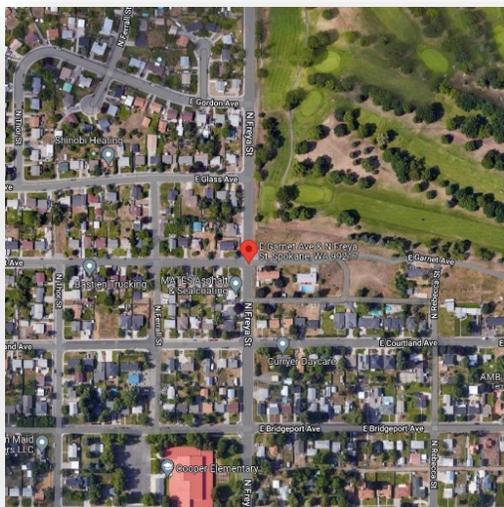
Logan Neighborhood: Perry St. near Marietta Ave.



The mobile speed sign was placed on Perry Street near Marietta Avenue, capturing southbound traffic. The sign was turned on June 27, 2022, and turned off July 8, 2022.

Speed Statistics	
Posted	30
Average Speed	28
85 th Percentile	33
# of Vehicles Tracked	21,274

Minnehaha Neighborhood: Freya St. near Garnet Ave.



The mobile speed sign was placed on Freya Street near Garnet Avenue, capturing southbound traffic. The sign was turned on May 3, 2022, and turned off on May 12, 2022. *Note: the number of vehicles was not captured in the data.*

Speed Statistics	
Posted	30
Average Speed	31
85 th Percentile	37

Minnehaha Neighborhood: Euclid Ave. near Ferrall St.



The mobile speed sign was placed on Euclid Avenue near Ferrall Street, capturing eastbound traffic. The sign was turned on May 16, 2022, and turned off May 27, 2022.

Speed Statistics	
Posted	30
Average Speed	32
85 th Percentile	37
# of Vehicles Tracked	71,120

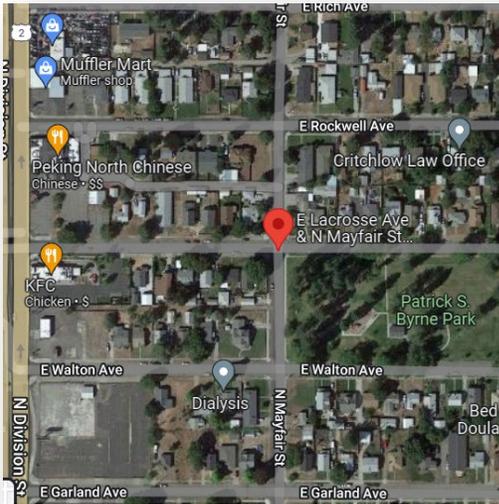
Minnehaha Neighborhood: Upriver Dr. near Freya St.



The mobile speed sign was placed on Upriver Drive near Freya Street, capturing eastbound traffic. The sign was turned on June 27, 2022, and turned off July 8, 2022.

Speed Statistics	
Posted	30
Average Speed	29
85 th Percentile	38
# of Vehicles Tracked	57,314

Nevada Heights Neighborhood: Mayfair St. between Lacrosse & Walton Ave.



The mobile speed sign was placed on Mayfair Street between Lacrosse and Walton avenues., capturing northbound traffic. The sign was turned on May 2, 2022, and turned off May 13, 2022. *Note: the number of vehicles was not captured in the data.*

Speed Statistics	
Posted	20
Average Speed	16
85 th Percentile	22

Shiloh Hills Neighborhood: Colton Pl. near Standard St.



The mobile speed sign was placed on Colton Place near Standard Street, capturing southbound traffic. The sign was turned on May 31, 2022 and turned off June 10, 2022.

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

Shiloh Hills Neighborhood: Standard St. near Calkins Dr. (by Friendship Park)



The mobile speed sign was placed on Standard Street near Calkins Drive (by Friendship Park), capturing southbound traffic. The sign was turned on July 25, 2022, and turned off August 5, 2022.

Speed Statistics	
Posted	20
Average Speed	23
85 th Percentile	30
# of Vehicles Tracked	45,392

Shiloh Hills Neighborhood: Standard St. near Greta Ave. (by Friendship Park)

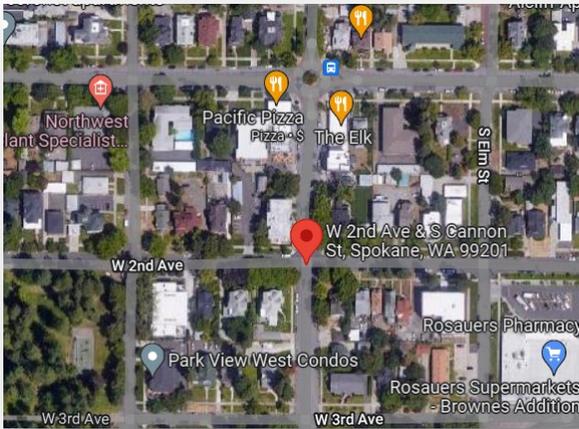


The mobile speed sign was placed on Standard Street near Greta Ave. (by Friendship Park), capturing northbound traffic. The sign was turned on September 6, 2022, and turned off September 16, 2022.

Speed Statistics	
Posted	20
Average Speed	23
85 th Percentile	28
# of Vehicles Tracked	65,075

District Two:

Browne's Addition Neighborhood: Second Ave. near Cannon St.



The mobile speed sign was placed on Second Avenue, between Cannon and Elm streets, capturing westbound traffic. The sign was turned on May 2, 2022 and turned off May 13, 2022. *Note: the number of vehicles was not captured in the data.*

Speed Statistics	
Posted	25
Average Speed	18
85 th Percentile	23

Browne's Addition Neighborhood: Cannon St. near Third Ave.



The mobile speed sign was placed on Cannon Street near Third Avenue, capturing northbound traffic. The sign was turned on June 27, 2022, and turned off July 8, 2022.

Speed Statistics	
Posted	25
Average Speed	13
85 th Percentile	20
# of Vehicles Tracked	19,415

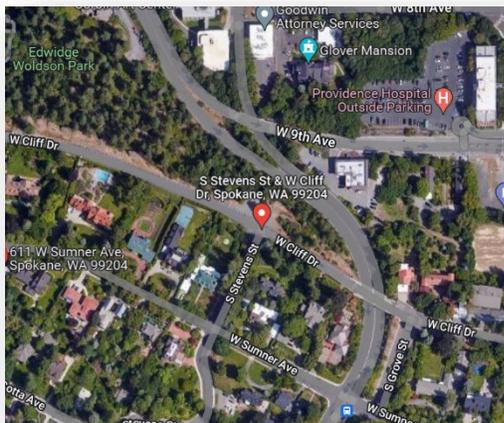
Browne's Addition Neighborhood: Spruce St. near Fourth Ave.



The mobile speed sign was placed on Spruce Street near Fourth Avenue, capturing northbound traffic. The sign was turned on August 8, 2022, and turned off August 19, 2022.

Speed Statistics	
Posted	25
Average Speed	14
85 th Percentile	18
# of Vehicles Tracked	20,197

Cliff-Cannon Neighborhood: Cliff Dr. near Stevens St.



The mobile speed sign was placed on Cliff Drive near Stevens Street, capturing westbound traffic. The sign was turned on May 16, 2022, and turned off May 27, 2022.

Speed Statistics	
Posted	20
Average Speed	18
85 th Percentile	24
# of Vehicles Tracked	8,395

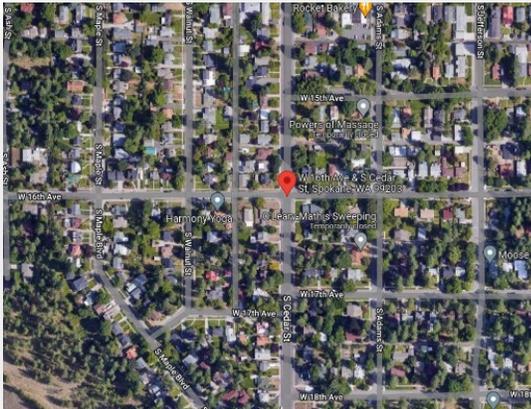
Cliff-Cannon Neighborhood: Lincoln St. near Fifth Ave.



The mobile speed sign was placed on Lincoln Street near Fifth Avenue, near the hospital, capturing southbound traffic. The sign was turned on May 31, 2022, and turned off June 10, 2022.

Speed Statistics	
Posted	25
Average Speed	29
85 th Percentile	33
# of Vehicles Tracked	45,720

Cliff-Cannon Neighborhood: Cedar St. near 16th Ave.



The mobile speed sign was placed on Cedar Street near 16th Avenue, capturing southbound traffic. The sign was turned on August 22, 2022, and turned off September 5, 2022.

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

Comstock Neighborhood: Perry St. and 42nd Ave. near Manito Golf Course



The mobile speed sign was placed near Manito Golf Course on Perry Street near 42nd Avenue, capturing northbound traffic. The sign was turned on September 16, 2022, and turned off September 30, 2022.

Speed Statistics	
Posted	30
Average Speed	27
85 th Percentile	31
# of Vehicles Tracked	9,014

Grandview-Thorpe Neighborhood: Grandview Ave. near Garden Springs



The mobile speed sign was placed Grandview Avenue near Garden Springs, capturing eastbound traffic. The sign was turned on May 31, 2022, and turned off June 10, 2022.

Speed Statistics	
Posted	25
Average Speed	18
85 th Percentile	26
# of Vehicles Tracked	16,642

Grandview/Thorpe Neighborhood: 17th Ave. near D St. (near Grandview Park)



The mobile speed sign was placed on 17th Avenue near D Street, near Grandview Park, capturing eastbound traffic. The sign was placed on July 25, 2022, and turned off August 4, 2022. *The trailer that was originally placed here was damaged, so a blue trailer was used in its place and data was not able to be collected.*

Grandview/Thorpe Neighborhood: Lindeke St. near 14th Ave.



The mobile speed sign was placed on Lindeke Street near 14th Avenue, capturing southbound traffic. The sign was turned on August 8, 2022, and turned off August 19, 2022.

Speed Statistics	
Posted	25
Average Speed	24
85 th Percentile	31
# of Vehicles Tracked	63,085

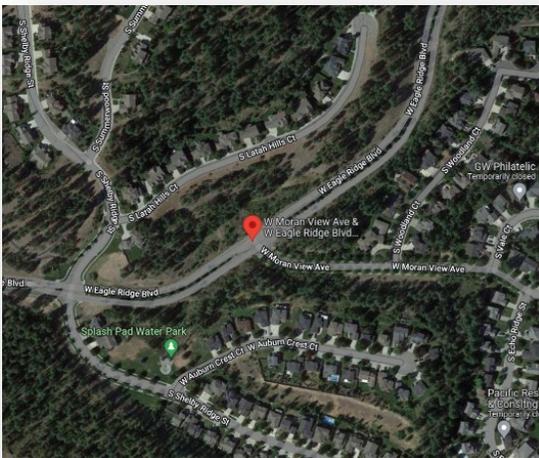
Latah-Hangman Neighborhood: Lincoln St. near Keyes Ct.



The mobile speed sign was placed Lincoln Street near Keyes Court, capturing eastbound traffic going downhill. The sign was turned on June 13, 2022, and turned off June 24, 2022.

Speed Statistics	
Posted	30
Average Speed	28
85 th Percentile	33
# of Vehicles Tracked	25,760

Latah-Hangman Neighborhood: Eagle Ridge near Moran View uphill



The mobile speed sign was placed on Eagle Ridge near Moran View uphill, capturing westbound traffic. The sign was turned on July 25, 2022, and turned off August 5, 2022.

Speed Statistics	
Posted	30
Average Speed	32
85 th Percentile	37
# of Vehicles Tracked	25,749

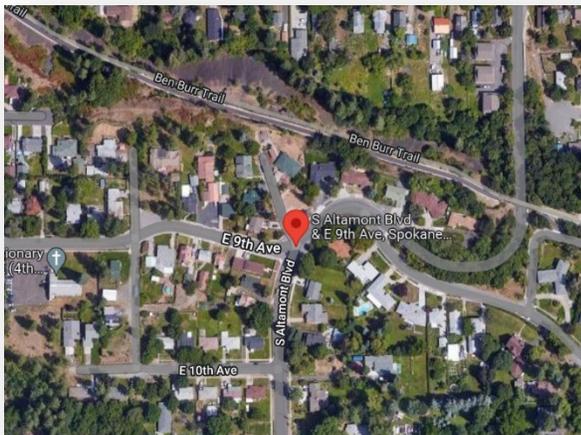
Lincoln Heights Neighborhood: 28th Ave. and Myrtle St.



The mobile speed sign was placed on 28th Avenue and Myrtle Street, capturing westbound traffic. The sign was turned on July 11 2022, and turned off July 22, 2022.

Speed Statistics	
Posted	25
Average Speed	12
85 th Percentile	18
# of Vehicles Tracked	6,475

Lincoln Heights Neighborhood: Ninth Ave. near Altamont St.



The mobile speed sign was placed on Ninth Avenue near Altamont Street capturing southbound traffic. The sign was turned on September 16, 2022, and turned off September 30, 2022.

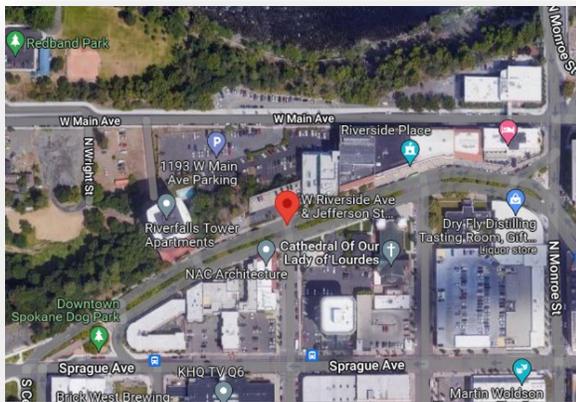
Speed Statistics	
Posted	30
Average Speed	25
85 th Percentile	31
# of Vehicles Tracked	42,257

Riverside Neighborhood: First Ave. between Madison and Monroe Streets



The mobile speed sign was placed on First Avenue between Madison and Monroe streets, facing eastbound. The sign was placed in the location from June 13, 2022, through June 24, 2022. *No data was collected.*

Riverside Neighborhood: Riverside Ave. near Jefferson St.



The mobile speed sign was placed on Riverside Avenue between Jefferson Street, facing eastbound. The sign was placed in the location from July 11, 2022, through July 22, 2022. *No data was collected.*

Rockwood Neighborhood: 2540 S. Garfield St.



The mobile speed sign was placed on 2540 S. Garfield Street, capturing southbound traffic. The sign was turned on May 2, 2022, and turned off May 13, 2022.

Speed Statistics	
Posted	25
Average Speed	21
85 th Percentile	27
# of Vehicles Tracked	23,205

Rockwood Neighborhood: 1800 E. Hatch Rd.



The mobile speed sign was placed on 1800 E. Hatch Road, capturing northbound traffic. The sign was turned on May 16, 2022, and turned off May 27, 2022.

Speed Statistics	
Posted	25
Average Speed	15
85 th Percentile	22
# of Vehicles Tracked	10,754

West Hills Neighborhood: Government Way near Pacific Ave.



The mobile speed sign was placed on Government Way near Pacific Avenue, capturing southbound traffic. The sign was turned on June 27, 2022, and turned off July 8, 2022.

Speed Statistics	
Posted	30
Average Speed	31
85 th Percentile	36
# of Vehicles Tracked	106,386

West Hills Neighborhood: Sunset Blvd. between Government Way & Seventh Ave.

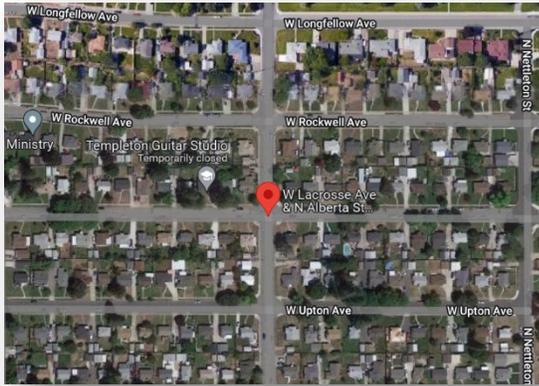


The mobile speed sign was placed on Sunset Boulevard between Government Way & Seventh Avenue, capturing eastbound traffic. The sign was turned on September 6, 2022, and turned off September 16, 2022.

Speed Statistics	
Posted	30
Average Speed	29
85 th Percentile	33
# of Vehicles Tracked	63,607

District Three:

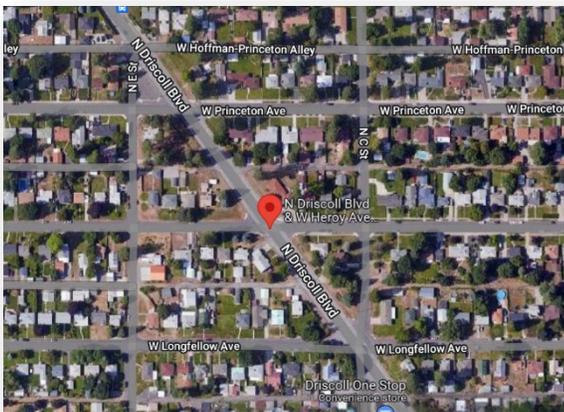
Audubon-Downriver Neighborhood: Alberta St. near Lacrosse Ave.



The mobile speed sign was placed on Alberta Street near Lacrosse Avenue, near the no parking sign, capturing northbound traffic. The sign was turned on May 2, 2022, and turned off May 13, 2022.

Speed Statistics	
Posted	30
Average Speed	29
85 th Percentile	33
# of Vehicles Tracked	77,087

Audubon-Downriver Neighborhood: Driscoll Blvd. near Heroy Ave.



The mobile speed sign was placed on Driscoll Boulevard near Heroy Avenue, capturing northbound traffic. The sign was placed June 13, 2022, to June 24, 2022.

Speed Statistics	
Posted	30
Average Speed	34
85 th Percentile	40
# of Vehicles Tracked	88,048

Audubon-Downriver Neighborhood: Northwest Blvd. near Walton Ave.



The mobile speed sign was placed on Northwest Boulevard near Walton Avenue, capturing southbound traffic. The sign was turned on July 25, 2022, and turned off August 5, 2022.

Speed Statistics	
Posted	30
Average Speed	34
85 th Percentile	38
# of Vehicles Tracked	76,191

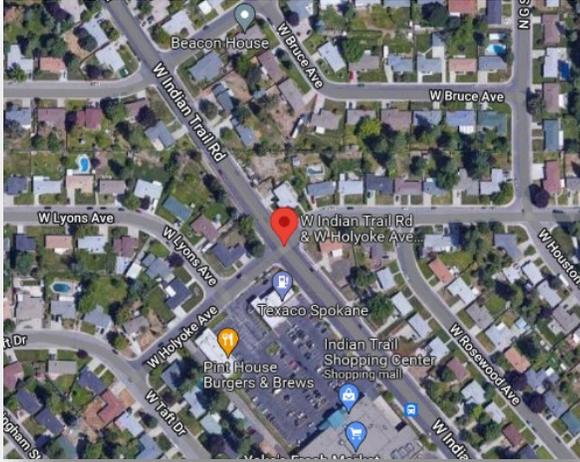
Balboa-South Indian Trail Neighborhood: Indian Trail Rd. near Elmhurst Ave.



The mobile speed sign was placed on Indian Trail Road near Elmhurst Avenue, capturing northbound traffic. The sign was turned on May 2, 2022, and turned off May 13, 2022. *Note: the number of vehicles was not collected by the data tracker.*

Speed Statistics	
Posted	30
Average Speed	28
85 th Percentile	35

Balboa-South Indian Trail Neighborhood: Indian Trail Rd. near Holyoke Ave.



The mobile speed sign was placed on Indian Trail Road near Holyoke Avenue, capturing southbound traffic. The sign was turned on August 8, 2022, and turned off August 19, 2022.

Speed Statistics	
Posted	30
Average Speed	34
85 th Percentile	39
# of Vehicles Tracked	59,484

Emerson-Garfield Neighborhood: 4223 N. Maple St.



The mobile speed sign was placed on 4223 N. Maple Street near Longfellow Avenue, capturing northbound traffic. The sign was turned on June 13, 2022, and turned off June 24, 2022.

Speed Statistics	
Posted	30
Average Speed	33
85 th Percentile	38
# of Vehicles Tracked	55,942

Five Mile Prairie Neighborhood: Oak St. between Johannsen Rd. & Tieton Ct.



The mobile speed sign was placed on Oak Street between Johannsen Road and Tieton Court, capturing northbound traffic. The sign was placed May 16, 2022, to May 27, 2022.

Speed Statistics	
Posted	25
Average Speed	27
85 th Percentile	27
# of Vehicles Tracked	36,549

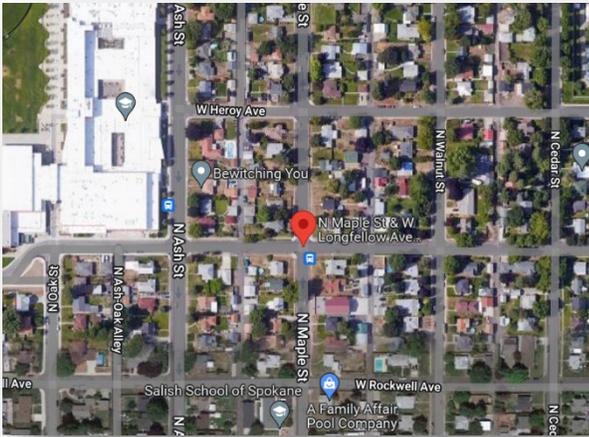
Five Mile Prairie Neighborhood: Lincoln Rd. between Five Mile Rd. and Debby Lynn Ct.



The mobile speed sign was placed on Lincoln Road between Five Mile Road and Debby Lynn Court, capturing westbound traffic. The sign was turned on July 11, 2022, and turned off July 22, 2022.

Speed Statistics	
Posted	30
Average Speed	23
85 th Percentile	29
# of Vehicles Tracked	13,417

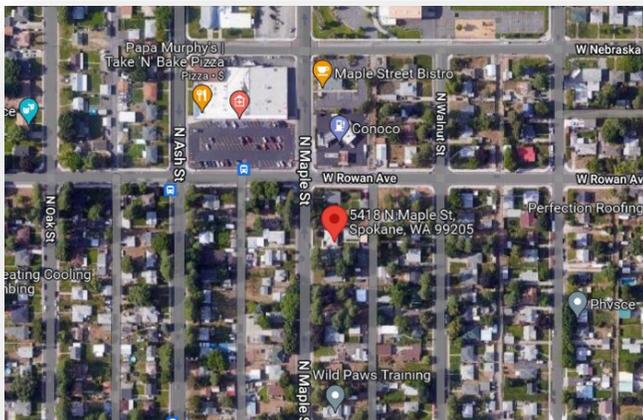
North Hill Neighborhood: Maple St. near Longfellow Ave.



The mobile speed sign was placed on Maple Street near Longfellow Avenue, capturing northbound traffic. The sign was turned on May 31, 2022, and turned off June 10, 2022.

Speed Statistics	
Posted	30
Average Speed	32
85 th Percentile	38
# of Vehicles Tracked	62,329

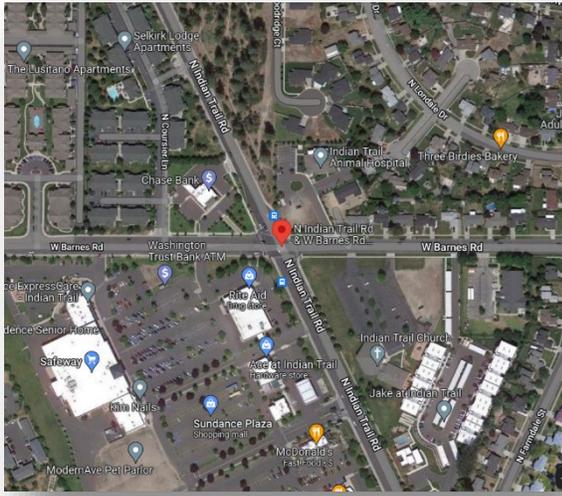
North Hill Neighborhood: 5418 N. Maple St.



The mobile speed sign was placed on 5418 N. Maple St., capturing northbound traffic. The sign was turned on August 22, 2022, and turned off September 5, 2022. *This trailer was damaged and sent to Fleet for repairs so data was not captured for the entire scheduled deployment.*

Speed Statistics	
Posted	30
Average Speed	33
85 th Percentile	38
# of Vehicles Tracked	65,289

North Indian Trail Neighborhood: Indian Trail Rd. between Barnes Rd. & Belmont



The mobile speed sign was placed on Indian Trail Road between Barnes Road and Belmont, capturing northbound traffic. The sign was turned on June 27, 2022, and turned off July 8, 2022.

Speed Statistics	
Posted	30
Average Speed	26
85 th Percentile	32
# of Vehicles Tracked	54,546

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



The mobile speed sign was placed Indian Trail Road between Kathleen and Pacific Park, capturing northbound traffic. The sign was turned on July 25, 2022, and turned off August 5, 2022.

Speed Statistics	
Posted	35
Average Speed	39
85 th Percentile	42
# of Vehicles Tracked	67,349

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



The mobile speed sign was placed on Indian Trail Road between Kathleen and Pacific Park, capturing southbound traffic. The sign was turned on August 8, 2022, and turned off August 19, 2022.

Speed Statistics	
Posted	35
Average Speed	39
85 th Percentile	43
# of Vehicles Tracked	79,250