Office of Neighborhood Services

2021 Mobile Speed

Feedback Report

2021 Mobile Speed Feedback Report

Executive Summary

This report includes speed feedback data from mobile speed signs deployed during 2021. 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 2021 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. During this season, vandalism, staffing shortages, and mechanical/technical challenges impacted some locations — noted as such.

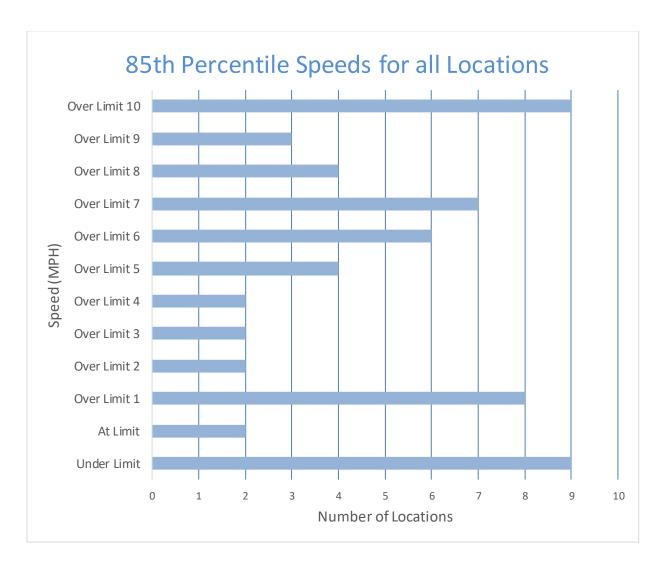
Data Overview

It is important to remember that the data in this report is not 100% accurate. The mobile speed feedback signs are solar powered and depending on time of year and sign placement data collection may be off.

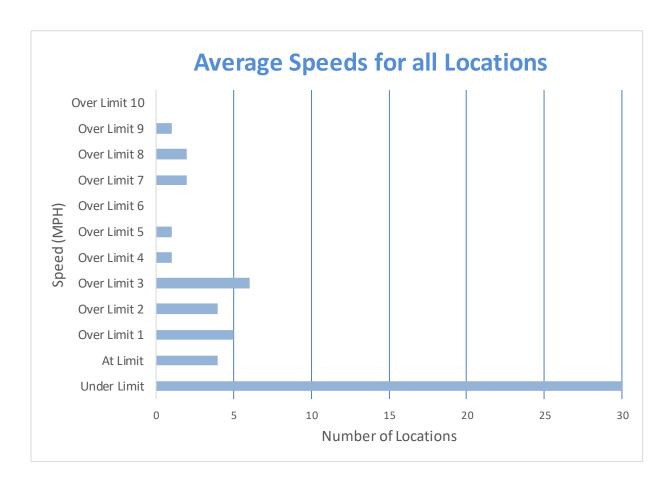
Recommendations for Mobile Speed Signs:

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

- Ensure approval of right-of-way placement by adjacent property owners/residents
- 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.
- 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: Glass & Cook (along Cook between Bridgeport and Empire)



The mobile speed sign was placed by Glass and Cook St. between Bridgeport Ave. and Empire, capturing southbound traffic. The sign was turned on May 10, 2021 and turned off May 21, 2021.

Speed Statistics	
Posted	25
Average Speed	20
85 th Percentile	28
# of Vehicles Tracked	9101

Bemiss Neighborhood: Pittsburg and Lacrosse—NW side of corner



The mobile speed sign was placed on the northwest side of the corner of Pittsburg St. and Lacrosse Ave., capturing northbound traffic. The sign was turned on May 24, 2021 and turned off June 4, 2021.

Speed Statistics	
Posted	25
Average Speed	17
85 th Percentile	24
# of Vehicles Tracked	12,019

Bemiss Neighborhood: Regal & Illinois



The mobile speed sign was placed on Regal and Illinois, capturing eastbound traffic. The sign was turned on June 7, 2021 and turned off June 18, 2021.

Speed Statistics	
Posted	30
Average Speed	33
85 th Percentile	39
# of Vehicles Tracked	27,586

Chief Garry Neighborhood: E. Mission between Regal & Cook (by park)



The mobile speed sign was placed on Mission Ave. between Regal & Cook, capturing westbound traffic. The sign was turned on May 10, 2021 and turned off May 21, 2021.

Speed Statistics	
Posted	20
Average Speed	28
85 th Percentile	36
# of Vehicles Tracked	85,471

Chief Garry Neighborhood: E. Mission between Greene and Rebecca



The mobile speed sign was placed on Mission between Greene and Rebecca, capturing eastbound traffic. The sign was turned on June 21, 2021 and turned off July 1, 2021. *Note: early takedown due to 7/4 holiday.*

Speed Statistics	
Posted	35
Average Speed	31
85 th Percentile	39
# of Vehicles Tracked	118,943

Chief Garry Neighborhood: E. Mission between Regal & Cook (by park)



The mobile speed sign was placed on Mission Ave near Cook St., capturing eastbound traffic. The sign was turned on July 6, 2021 and turned off July 16, 2021. *Note: delayed start due to 7/4 holiday*.

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

Minnehaha Neighborhood: Near the E. 3900 block of Frederick



The mobile speed sign was placed the E. 3900 block of Frederick, capturing eastbound traffic. The sign was turned on May 24, 2021 and turned off June 4, 2021.

Speed Statistics	
Posted	30
Average Speed	31
85 th Percentile	37
# of Vehicles Tracked	50,654

Minnehaha Neighborhood: N. Freya & Glass



The mobile speed sign was placed on Freya St. near Glass Ave., capturing southbound traffic. The sign was turned on June 7, 2021 and turned off June 18, 2021.

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 Dr. near Freya St., capturing eastbound traffic. The sign was turned on July 6, 2021 and turned off July 16, 2021. *Note: delayed start due to 7/4 holiday.*

Speed Statistics	
Posted	30
Average Speed	31
85 th Percentile	39
# of Vehicles Tracked	45,227

Shiloh Hills Neighborhood: Colton Pl. near Standard St.



The mobile speed sign was placed on Colton PI. near Standard St., capturing northbound traffic. The sign was turned on June 21, 2021 and turned off July 1, 2021. *Note: early takedown due to 7/4 holiday*.

Speed Statistics	
Posted	25
Average Speed	26
85 th Percentile	32
# of Vehicles Tracked	23,878

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



The mobile speed sign was placed on Standard St. near Calkins Dr. (by Friendship Park), capturing southbound traffic. The sign was turned on August 30, 2021 and turned off September 10, 2021.

Speed Statistics	
Posted	20
Average Speed	23
85 th Percentile	30
# of Vehicles Tracked	34,563

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



The mobile speed sign was placed on Standard St. near Greta Ave. (by Friendship Park), capturing northbound traffic. The sign was turned on September 13, 2021 and turned off September 24, 2021.

Speed Statistics	
Posted	20
Average Speed	22
85 th Percentile	29
# of Vehicles Tracked	56,896

District Two:

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



The mobile speed sign was placed on Cedar St. near 16th Ave., capturing northbound traffic. The sign was turned on July 21, 2021 and turned off July 30, 2021. *Note: solar panel arm was broken so July 19 start was delayed for repairs.*

Speed Statistics	
Posted	30
Average Speed	35
85 th Percentile	41
# of Vehicles Tracked	40,824

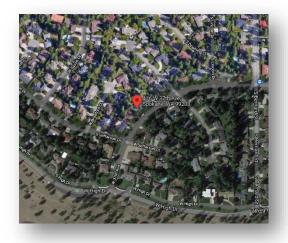
Cliff/Cannon Neighborhood: Cedar St. near 16th Ave.



The mobile speed sign was placed on Cedar St. near 16th Ave., capturing southbound traffic. The sign was turned on August 30, 2021 and turned off September 5, 2021. *Note: due to technician scheduling error, this sign was moved ahead of Sept. 10 date.*

Speed Statistics	
Posted	30
Average Speed	33
85 th Percentile	38
# of Vehicles Tracked	21,951

Comstock Neighborhood: 416 W. 37th Ave., near Bernard



The mobile speed sign was placed on 416 W. 37th Ave., near Bernard, capturing westbound traffic. The sign was turned on May 10, 2021 and turned off May 21, 2021.

Speed Statistics	
Posted	25
Average Speed	17
85 th Percentile	25
# of Vehicles Tracked	13,567

Comstock Neighborhood: High Dr. near Manito Blvd



The mobile speed sign was placed on High Dr. near Manito Blvd., capturing northbound traffic. The sign was turned on June 21, 2021 and turned off July 1, 2021. *Note: early takedown due to 7/4 holiday.*

Speed Statistics	
Posted	20
Average Speed	27
85 th Percentile	33
# of Vehicles Tracked	24,396

Comstock Neighborhood: S. Hatch Rd & E. 54th, near Manito Golf Course



The mobile speed sign was placed on S. Hatch Rd & E. 54th, near Manito Golf Course, capturing southbound traffic. The sign was turned on August 2, 2021 and turned off August 13, 2021.

Speed Statistics	
Posted	30
Average Speed	30
85 th Percentile	36
# of Vehicles Tracked	34,998

Comstock Neighborhood: near 3103 S High Drive (request: near 33rd & High Dr.)



The mobile speed sign was placed near 3103 S High Drive (request: near 33rd & High Dr.), capturing southbound traffic. The sign was turned on August 16, 2021 and turned off August 27, 2021.

Speed Statistics	
Posted	20
Average Speed	27
85 th Percentile	35
# of Vehicles Tracked	18,631

Comstock Neighborhood: S. Hatch Rd & E. 54th, near Manito Golf Course



The mobile speed sign was placed on S. Hatch Rd & E. 54th, near Manito Golf Course, capturing northbound traffic. The sign was turned on August 16, 2021 and turned off August 27, 2021.

Speed Statistics	
Posted	30
Average Speed	30
85 th Percentile	36
# of Vehicles Tracked	37,455

Grandview/Thorpe Neighborhood: South "D" St. between 18th & 19th



The mobile speed sign was placed on South "D" St. between 18th & 19th, capturing northbound traffic. The sign was turned on May 24, 2021 and turned off June 4, 2021.

Speed Statistics	
Posted	25
Average Speed	22
85 th Percentile	29
# of Vehicles Tracked	7,044

Grandview/Thorpe Neighborhood: South Lindeke St. between 13th & 14th



The mobile speed sign was placed on South Lindeke St. between 13th & 14th, capturing southbound traffic. The sign was turned on August 30, 2021 and turned off September 10, 2021.

Speed Statistics	
Posted	25
Average Speed	22
85 th Percentile	27
# of Vehicles Tracked	30,997

Latah/Hangman Neighborhood: W. Qualchan Dr. near Cheney/Spokane Road



The mobile speed sign was placed on W. Qualchan Dr. near Cheney/Spokane Road, capturing eastbound traffic. The sign was turned on July 19, 2021 and turned off July 30, 2021.

Speed Statistics	
Posted	25
Average Speed	19
85 th Percentile	26
# of Vehicles Tracked	17,258

Latah/Hangman Neighborhood: Inland Empire Way near 20th



The mobile speed sign was placed on Inland Empire Way near 20th, capturing southbound traffic. The sign was turned on September 13, 2021 and turned off September 24, 2021.

Speed Statistics	
Posted	30
Average Speed	32
85 th Percentile	41
# of Vehicles Tracked	16,971

Lincoln Heights Neighborhood: 2001 E 18th, near S. Martin St.



The mobile speed sign was placed on 2001 E 18th, near S. Martin St., capturing eastbound traffic. The sign was turned on July 7, 2021 and turned off July 16, 2021. *Note: delayed start from 7/4 holiday and wrong directional placement.*

Speed Statistics	
Posted	25
Average Speed	15
85 th Percentile	21
# of Vehicles Tracked	1,043

Lincoln Heights Neighborhood: Woodfern and S. Altamont



The mobile speed sign was placed on Woodfern and S. Altamont, capturing eastbound traffic. The sign was turned on July 19, 2021 and turned off July 30, 2021.

Speed Statistics	
Posted	25
Average Speed	19
85 th Percentile	26
# of Vehicles Tracked	5,361

Lincoln Heights Neighborhood: 1508 E. 34th Ave., near Perry



The mobile speed sign was placed on 1508 E. 34th Ave., near Perry, capturing westbound traffic. The sign was turned on August 2, 2021 and turned off August 13, 2021.

Speed Statistics	
Posted	25
Average Speed	22
85 th Percentile	30
# of Vehicles Tracked	6,291

Lincoln Heights Neighborhood: Woodfern and N. Altamont



The mobile speed sign was placed on Woodfern and N. Altamont, capturing eastbound traffic. The sign was placed August 2, 2021 to August 13, 2021.

Speed Statistics	
Posted	25
Average Speed	20
85 th Percentile	26
# of Vehicles Tracked	11,998

Lincoln Heights Neighborhood: 3142 E 33rd, near Ray St.



The mobile speed sign was placed on 3142 E 33rd, near Ray St., capturing westbound traffic. The sign was placed September 15, 2021 to September 24, 2021. Note: start delay due to missing trailer; replacement trailer set up on 9/15.

Speed Statistics	
Posted	25
Average Speed	14
85 th Percentile	22
# of Vehicles Tracked	10,535

Manito/Cannon Hill Neighborhood: 818 W. 29th, near Lincoln St.



The mobile speed sign was placed on 818 W. 29th, near Lincoln St., capturing westbound traffic. The sign was turned on July 19, 2021 and turned off July 30, 2021.

Speed Statistics	
Posted	30
Average Speed	28
85 th Percentile	35
# of Vehicles Tracked	48,329

Manito/Cannon Hill Neighborhood: S. Lincoln St. between 17th & 18th



The mobile speed sign was placed on S. Lincoln St. between 17th & 18th, capturing southbound traffic. The sign was turned on August 16, 2021 and turned off August 27, 2021.

Speed Statistics	
Posted	30
Average Speed	25
85 th Percentile	29
# of Vehicles Tracked	40,206

Rockwood Neighborhood: near 600 block of E. 20th Ave.



The mobile speed sign was placed on near 600 block of E. 20th Ave., capturing westbound traffic. The sign was turned on June 21, 2021 and turned off July 1, 2021. *Note: early takedown due to 7/4 holiday*.

Speed Statistics	
Posted	20
Average Speed	13
85 th Percentile	21
# of Vehicles Tracked	13,361

Rockwood Neighborhood: Garfield & Highland Blvd (rqt: Garfield near 21st)



The mobile speed sign was placed on Garfield & Highland Blvd (rqt: Garfield near 21st), capturing northbound traffic. The sign was turned on August 30, 2021 and turned off September 10, 2021. *Note: trailer placement was due to lack of sunlight access along Garfield. Low speeds due to proximity to stop sign.*

Speed Statistics	
Posted	20
Average Speed	6
85 th Percentile	7
# of Vehicles Tracked	10,162

Rockwood Neighborhood: Hatch near 18th



The mobile speed sign was placed on Hatch near 18th, capturing southbound traffic. The sign was turned on September 27, 2021 and turned off October 8, 2021.

Speed Statistics	
Posted	25
Average Speed	10
85 th Percentile	15
# of Vehicles Tracked	2,496

Southgate Neighborhood: near Freya & 37th, south of Avion Lane



The mobile speed sign was placed near Freya & 37th, south of Avion Lane, capturing northbound traffic. The sign was turned on May 24, 2021 and turned off June 6, 2021.

Speed Statistics	
Posted	35
Average Speed	36
85 th Percentile	41
# of Vehicles Tracked	95,477

Southgate Neighborhood: 4047 S Pittsburg, south side of Thurston Ave.



The mobile speed sign was placed on 4047 S Pittsburg, south side of Thurston Ave., capturing eastbound traffic. The sign was turned on June 7, 2021 and turned off June 18, 2021.

Speed Statistics	
Posted	30
Average Speed	24
85 th Percentile	31
# of Vehicles Tracked	13,530

Southgate Neighborhood: 37th Ave. & Cuba St.



The mobile speed sign was placed on 37th Ave. & Cuba St., capturing westbound traffic. The sign was turned on June 7, 2021 and turned off June 18, 2021.

Speed Statistics	
Posted	30
Average Speed	28
85 th Percentile	36
# of Vehicles Tracked	74,294

Southgate Neighborhood: 42nd between Freya and Thor (near Achilles)



The mobile speed sign was placed on 42nd between Freya and Thor (near Achilles), capturing westbound traffic. The sign was turned on September 28, 2021 and turned off October 8, 2021.

Speed Statistics	
Posted	25
Average Speed	12
85 th Percentile	22
# of Vehicles Tracked	23,012

West Hills Neighborhood: W. Rosamond Ave between "E" & "F" Streets



The mobile speed sign was placed on W. Rosamond Ave between "E" & "F" Streets, capturing westbound traffic. The sign was turned on July 6, 2021 and turned off July 16, 2021. *Note: delayed start due to 7/4 holiday.*

Speed Statistics	
Posted	30
Average Speed	13
85 th Percentile	24
# of Vehicles Tracked	8,654

West Hills Neighborhood: W. Sunset Blvd, between Assembly and Rustle



The mobile speed sign was placed on W. Sunset Blvd, between Assembly and Rustle, capturing eastbound traffic. The sign was turned on August 2, 2021 and turned off August 13, 2021.

Speed Statistics	
Posted	40
Average Speed	36
85 th Percentile	46
# of Vehicles Tracked	74,181

West Hills Neighborhood: W. Sunset Blvd, between Government Way & 7th Ave.



The mobile speed sign was placed on W. Sunset Blvd, between Government Way & 7th Ave., capturing eastbound traffic. The sign was turned on September 27, 2021 and turned off October 8, 2021.

Speed Statistics	
Posted	30
Average Speed	28
85 th Percentile	38
# of Vehicles Tracked	149,731

District Three:

Audubon/Downriver Neighborhood: 4524 W Northwest Blvd. near Royal Court



The mobile speed sign was placed on 4524 W Northwest Blvd. near Royal Court, capturing westbound traffic. The sign was turned on May 10, 2021 and turned off May 21, 2021.

Speed Statistics	
Posted	25
Average Speed	20
85 th Percentile	26
# of Vehicles Tracked	9,576

Audubon/Downriver Neighborhood: S. side of Wellesley Ave, across from Cannon



The mobile speed sign was placed on S. side of Wellesley Ave, across from Cannon St., capturing eastbound traffic. The sign was placed May 24, 2021 to June 4, 2021.

Speed Statistics	
Posted	20
Average Speed	28
85 th Percentile	35
# of Vehicles Tracked	95,909

Audubon/Downriver Neighborhood: Northwest Blvd at Audubon Park, near "A" St.



The mobile speed sign was placed on Northwest Blvd at Audubon Park, near "A" St., capturing westbound traffic. The sign was turned on July 6, 2021 and turned off July 16, 2021. *Note: delayed start due to 7/4 holiday.*

Speed Statistics	
Posted	30
Average Speed	30
85 th Percentile	36
# of Vehicles Tracked	49,251

Balboa/South Indian Trail Neighborhood: Beacon & "A" Street



The mobile speed sign was placed on Beacon & "A" Street, capturing eastbound traffic. The sign was turned on August 16, 2021 and turned off August 27, 2021.

Speed Statistics	
Posted	25
Average Speed	13
85 th Percentile	20
# of Vehicles Tracked	8,250

Emerson/Garfield Neighborhood: Northwest Blvd. & Belt



The mobile speed sign was placed on Northwest Blvd. & Belt, capturing (north)westbound traffic. The sign was turned on July 6, 2021 and turned off July 16, 2021. *Note: delayed start due to 7/4 holiday.*

Speed Statistics	
Posted	35
Average Speed	35
85 th Percentile	40
# of Vehicles Tracked	121,121

Emerson/Garfield Neighborhood: Northwest Blvd. and Hemlock



The mobile speed sign was placed on Northwest Blvd. and Hemlock, capturing (south)eastbound traffic. The sign was turned on August 2, 2021 and turned off August 13, 2021. Note: upon staff arrival to take down, someone had left sign on but collapsed reader—this would affect data.

Speed Statistics	
Posted	35
Average Speed	33
85 th Percentile	40
# of Vehicles Tracked	102,278

Five Mile Prairie Neighborhood: Cedar Rd near Jay Court



The mobile speed sign was placed on Cedar Rd near Jay Court, capturing northbound traffic. The sign was placed May 24, 2021 to June 4, 2021.

Speed Statistics	
Posted	25
Average Speed	27
85 th Percentile	33
# of Vehicles Tracked	15,329

Five Mile Prairie Neighborhood: W. Strong Rd. near Elm/Oak St.



The mobile speed sign was placed on W. Strong Rd. near Elm/Oak St., capturing westbound traffic. The sign was turned on June 21, 2021 and turned off July 1, 2021. *Note: early take down due to 7/4 holiday.*

Speed Statistics	
Posted	30
Average Speed	28
85 th Percentile	37
# of Vehicles Tracked	35,083

Five Mile Prairie Neighborhood: N. Five Mile Rd. near St. Thomas More Way



The mobile speed sign was placed on N. Five Mile Rd. near St. Thomas More Way, capturing southbound traffic. The sign was turned on August 2, 2021 and turned off August 13, 2021.

Speed Statistics	
Posted	30
Average Speed	33
85 th Percentile	38
# of Vehicles Tracked	56,178

North Hill Neighborhood: Queen Ave & Whitehouse, near Franklin Park



The mobile speed sign was placed on Queen Ave & Whitehouse, near Franklin Park, capturing westbound traffic. The sign was turned on June 7, 2021 and turned off June 18, 2021.

Speed Statistics	
Posted	20
Average Speed	24
85 th Percentile	30
# of Vehicles Tracked	30,615

North Hill Neighborhood: Queen Ave & Whitehouse, near Franklin Park



The mobile speed sign was placed on Queen Ave & Whitehouse, near Franklin Park, capturing eastbound traffic. The sign was turned on July 19, 2021 and turned off July 30, 2021.

Speed Statistics	
Posted	30
Average Speed	24
85 th Percentile	31
# of Vehicles Tracked	23,949

North Hill Neighborhood: Monroe & Cora



The mobile speed sign was placed on Monroe & Cora, capturing southbound traffic. The sign was turned on August 16, 2021 and turned off August 27, 2021.

Speed Statistics	
Posted	30
Average Speed	31
85 th Percentile	37
# of Vehicles Tracked	82,428

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



The mobile speed sign was placed on Indian Trail Rd. between Kathleen and Pacific Park, capturing northbound traffic. The sign was turned on May 10, 2021 and turned off May 21, 2021.

Speed Statistics	
Posted	35
Average Speed	38
85 th Percentile	42
# of Vehicles Tracked	53,792

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 June 7, 2021 and turned off June 18, 2021.

Speed Statistics	
Posted	35
Average Speed	38
85 th Percentile	42
# of Vehicles Tracked	88,398

North Indian Trail Neighborhood: Barnes Rd. & Farmdale



The mobile speed sign was placed on Barnes Rd. & Farmdale, capturing westbound traffic. The sign was turned on June 21, 2021 and turned off July 1, 2021. *Note: the early take down due to 7/4 holiday.*

Speed Statistics	
Posted	30
Average Speed	25
85 th Percentile	33
# of Vehicles Tracked	34,572

West Central Neighborhood: Dutch Jakes Park, near Chestnut & Broadway



The mobile speed sign was placed on Dutch Jakes Park, near Chestnut & Broadway, capturing westbound traffic. The sign was turned on July 21, 2021 and turned off July 30, 2021. *Note: the delayed start was due to blown fuses.*

Speed Statistics	
Posted	30
Average Speed	25
85 th Percentile	32
# of Vehicles Tracked	13,306

West Central Neighborhood: West Boone, near Nettleton



The mobile speed sign was placed on West Boone, near Nettleton, capturing westbound traffic. The sign was turned on September 8, 2021 and turned off September 24, 2021. *Note: the extra time is due to scheduling mixup*.

Speed Statistics	
Posted	30
Average Speed	24
85 th Percentile	31
# of Vehicles Tracked	46,586

West Central Neighborhood: West Boone, near Cochran



The mobile speed sign was placed on West Boone, near Cochran, capturing eastbound traffic. The sign was turned on September 8, 2021 and turned off September 24, 2021. *Note: the extra time is due to scheduling mixup.*

Speed Statistics	
Posted	30
Average Speed	22
85 th Percentile	30
# of Vehicles Tracked	37,746