

# MAPA Safety Targets and SS4A Planning Updates

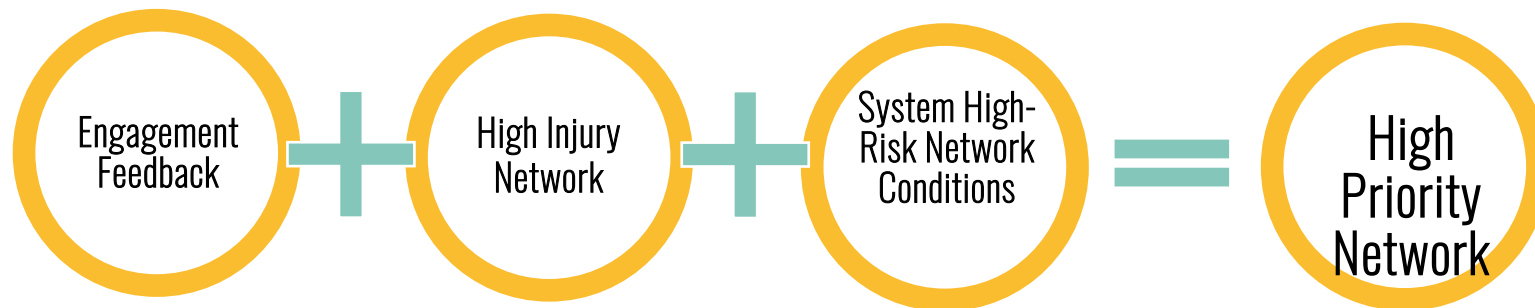
STAG MEETING 2  
October 21, 2025



# Agenda

1. Introductions
2. Feedback from the Community Outreach Activities:
  - Community Surveys
  - Tabling Events in Each Community
3. Crash Assessment Results:
  - Summary of Crashes
  - High Injury Network
4. Higher Risk Network
5. Next Steps
6. Open Discussion/Questions

# Discussion Topics all Work Together



- RR Crossings
- High Speed Roads (>35 MPH)
- 4-Lane/Undivided
- Signalized Intersections
- Adjacent to Schools

Crash Data Alone will Not Tell the Entire Story

# Community Tabling Events

# Community Events

- Atlantic: AtlanticFest – August 9
- Clarinda: Farmers Market – August 19
- Glenwood: Cultivate Community – August 6
- Harlan: National Night Out – August 5
- Missouri Valley: Law Enforcement Appreciation – August 14
- Red Oak: National Night Out – August 5
- Shenandoah: Shenfest – September 27

Atlantic



Clarinda



**SAFE STREETS  
FOR ALL**  
--- RPA-13&18 ---

Glenwood



Harlan



Missouri Valley



Red Oak



Shenandoah



# Atlantic/Clarinda – Tabling input

## What Are Your Most Significant Safety Concerns in Your Community?

Results from Atlantic

Place dots in spaces that represent your area of concern

Include as many of your dots as you like in any area (More dots, greater concern)

|                            |    |                                     |    |
|----------------------------|----|-------------------------------------|----|
| Distracted Driving         | 52 | Drivers Not Yielding to People      | 29 |
| Speeding                   | 35 | Driving Under the Influence         | 13 |
| Not Enough Lighting        | 5  | Sidewalks Missing/ Gaps             | 12 |
| Not Enough Crosswalks      | 3  | Not Stopping at Stop Signs/Signals  | 26 |
| Not Enough Bike Facilities | 5  | Not Enough Control at Intersections | 10 |



## What Are Your Most Significant Safety Concerns in Your Community?

Results from Clarinda

Place dots in spaces that represent your area of concern

Include as many of your dots as you like in any area (More dots, greater concern)

|                            |    |                                     |   |
|----------------------------|----|-------------------------------------|---|
| Distracted Driving         | 18 | Drivers Not Yielding to People      | 2 |
| Speeding                   | 9  | Driving Under the Influence         | 2 |
| Not Enough Lighting        | 4  | Sidewalks Missing/ Gaps             | 7 |
| Not Enough Crosswalks      | 2  | Not Stopping at Stop Signs/Signals  | 1 |
| Not Enough Bike Facilities | 6  | Not Enough Control at Intersections | 7 |



# Glenwood/Harlan– Tabling input

## What Are Your Most Significant Safety Concerns in Your Community?

Results from Glenwood

Place dots in spaces that represent your area of concern

Include as many of your dots as you like in any area (More dots, greater concern)

|                            |    |                                     |    |
|----------------------------|----|-------------------------------------|----|
| Distracted Driving         | 66 | Drivers Not Yielding to People      | 31 |
| Speeding                   | 59 | Driving Under the Influence         | 27 |
| Not Enough Lighting        | 23 | Sidewalks Missing/ Gaps             | 33 |
| Not Enough Crosswalks      | 16 | Not Stopping at Stop Signs/Signals  | 37 |
| Not Enough Bike Facilities | 9  | Not Enough Control at Intersections | 14 |



## What Are Your Most Significant Safety Concerns in Your Community?

Results from Harlan

Place dots in spaces that represent your area of concern

Include as many of your dots as you like in any area (More dots, greater concern)

|                            |    |                                     |    |
|----------------------------|----|-------------------------------------|----|
| Distracted Driving         | 29 | Drivers Not Yielding to People      | 11 |
| Speeding                   | 22 | Driving Under the Influence         | 15 |
| Not Enough Lighting        | 3  | Sidewalks Missing/ Gaps             | 9  |
| Not Enough Crosswalks      | 6  | Not Stopping at Stop Signs/Signals  | 25 |
| Not Enough Bike Facilities | 7  | Not Enough Control at Intersections | 6  |



# Missouri Valley/Red Oak – Tabling input

## What Are Your Most Significant Safety Concerns in Your Community?

### Results from Missouri Valley

Place dots in spaces that represent your area of concern

Include as many of your dots as you like in any area (More dots, greater concern)

|                            |    |                                     |    |
|----------------------------|----|-------------------------------------|----|
| Distracted Driving         | 12 | Drivers Not Yielding to People      | 8  |
| Speeding                   | 13 | Driving Under the Influence         | 4  |
| Not Enough Lighting        | 1  | Sidewalks Missing/Gaps              | 2  |
| Not Enough Crosswalks      | 1  | Not Stopping at Stop Signs/Signals  | 18 |
| Not Enough Bike Facilities | 6  | Not Enough Control at Intersections | 4  |



## What Are Your Most Significant Safety Concerns in Your Community?

### Results from Red Oak

Place dots in spaces that represent your area of concern

Include as many of your dots as you like in any area (More dots, greater concern)

|                            |    |                                     |    |
|----------------------------|----|-------------------------------------|----|
| Distracted Driving         | 35 | Drivers Not Yielding to People      | 19 |
| Speeding                   | 34 | Driving Under the Influence         | 18 |
| Not Enough Lighting        | 7  | Sidewalks Missing/Gaps              | 21 |
| Not Enough Crosswalks      | 13 | Not Stopping at Stop Signs/Signals  | 31 |
| Not Enough Bike Facilities | 6  | Not Enough Control at Intersections | 13 |





# Shenandoah– Tabling Input

## What Are Your Most Significant Safety Concerns in Your Community?

Results from Shenandoah

Place dots in spaces that represent your area of concern | Include as many of your dots as you like in any area (More dots, greater concern)

|                            |    |                                     |    |
|----------------------------|----|-------------------------------------|----|
| Distracted Driving         | 30 | Drivers Not Yielding to People      | 13 |
| Speeding                   | 22 | Driving Under the Influence         | 12 |
| Not Enough Lighting        | 8  | Sidewalks Missing/ Gaps             | 22 |
| Not Enough Crosswalks      | 3  | Not Stopping at Stop Signs/Signals  | 18 |
| Not Enough Bike Facilities | 14 | Not Enough Control at Intersections | 10 |



# Shared Take Aways – Tabling Events

**#1**

**Distracted Drivers**

**#2**

**Speeding**

**#3**

**Not Stopping at Stop Signs**

**#4**

**Not Yielding for People**

# On-Line Survey Results

# Community Survey – Responses from All Communities

Closed

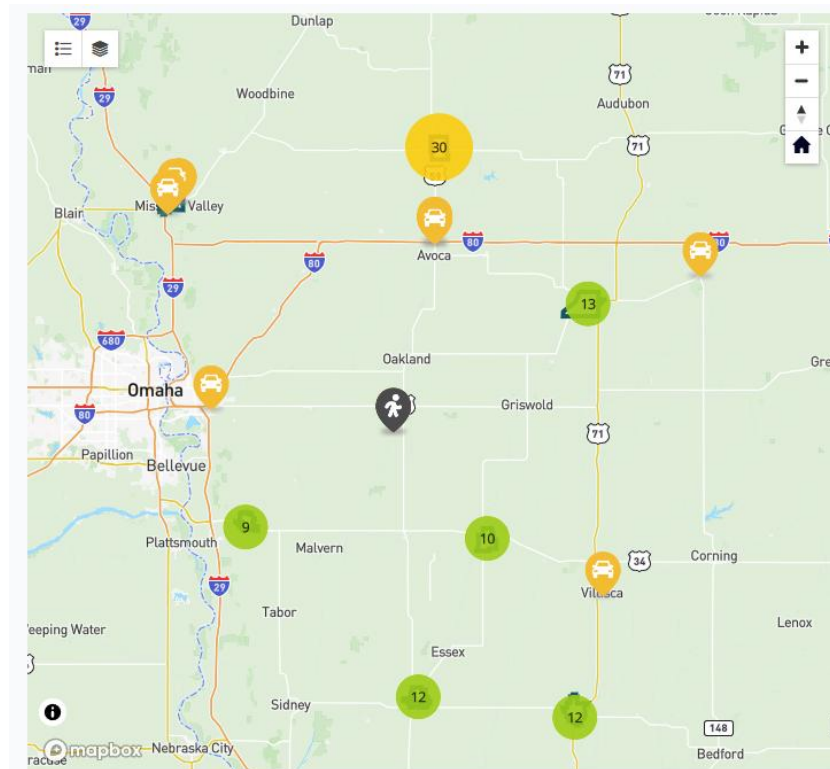
## Mapping Activity

Drop a pin on the map to show us where you've seen or experienced safety issues.

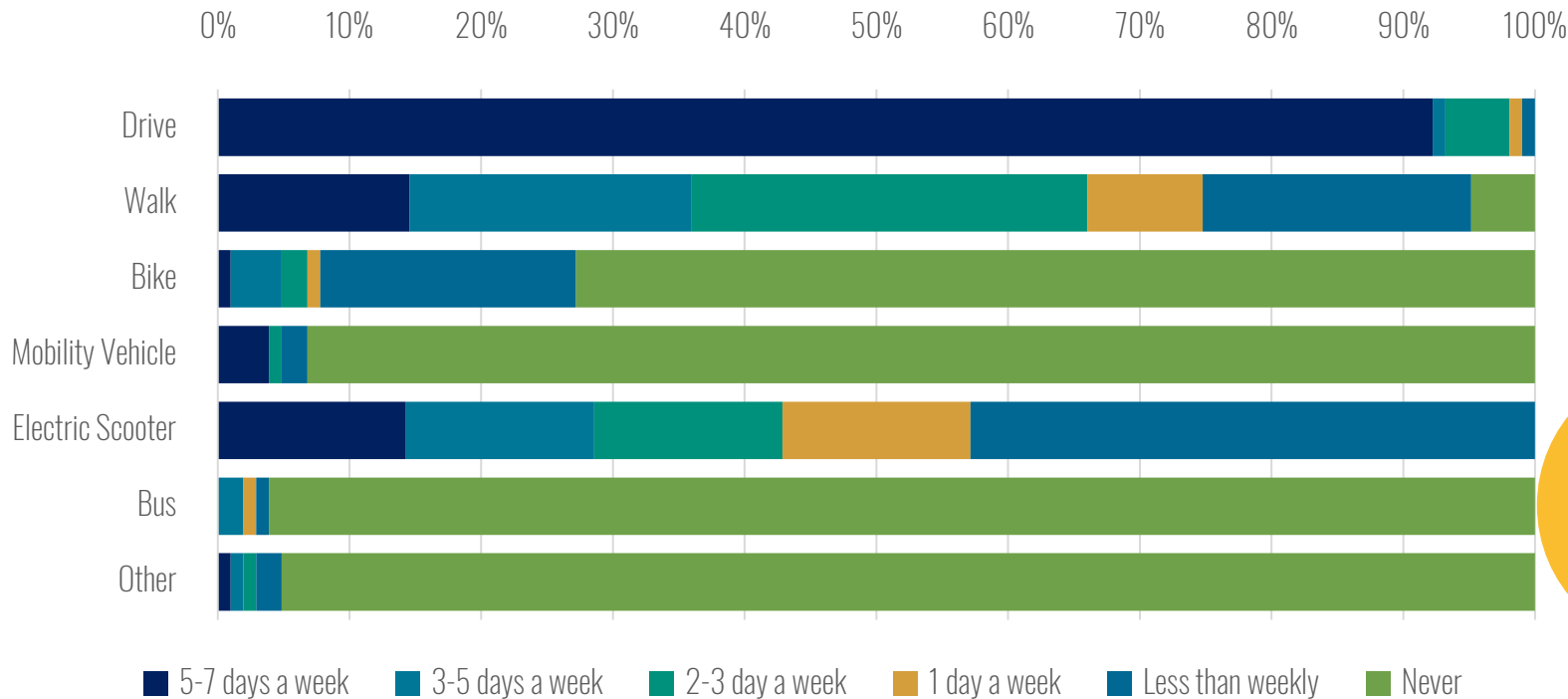
This safety plan is focused on local roadways in the cities of Atlantic, Clarinda, Glenwood, Harlan, Missouri Valley, Red Oak, and Shenandoah. Comments on other locations will be accepted, but may not influence planning recommendations.

Click on "Locations" at the top of the map to zoom in to your city, and add a marker using the "Add Marker" button on the bottom. Click on the information or help icons for more information.

97 contributions

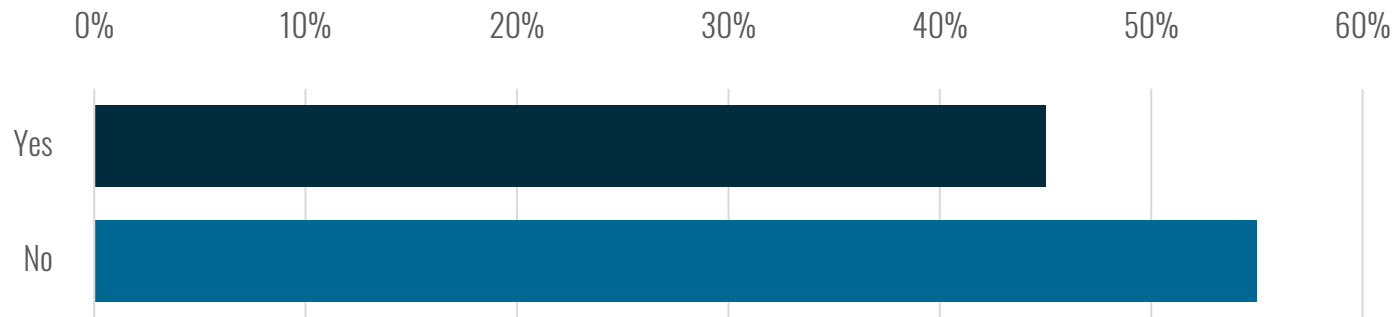


# Q1 – Travel by Mode (7 Communities)



Break Out  
by Town

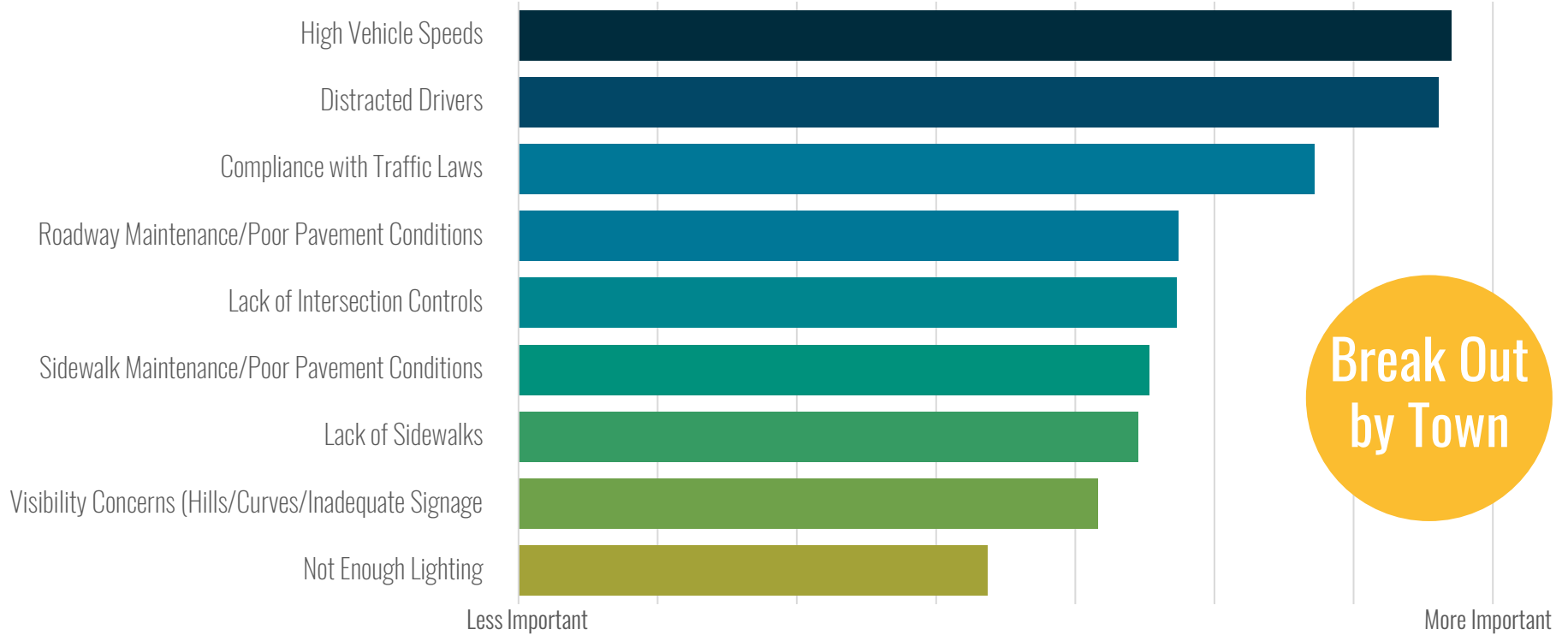
## Q2/3 – In/Witnessed a Crash (5 Years)



13

Personal Stories

# Q8 – Rank Importance of Issue Category

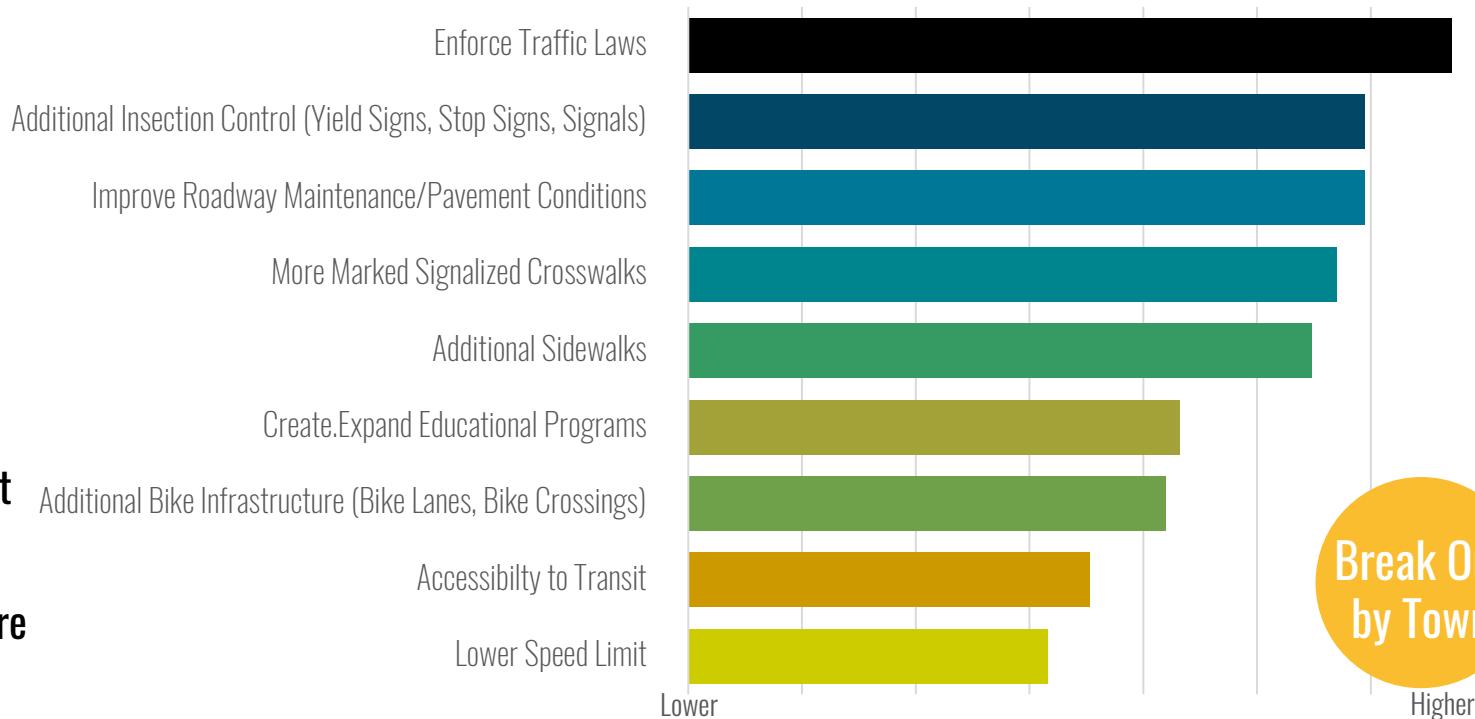


Break Out  
by Town

# Q10 – Preference for Safety Improvement Idea

## OTHERS

- Add Sidewalks
- More Enforcement
- Public Transit
- Consider ADA More



Break Out  
by Town



# Community Survey – Open Ended Responses

## Top 3 Concerns/Issues Identified

98  
Responses

| Total Responses |                    |                  |
|-----------------|--------------------|------------------|
| Issue/ Concern  | Number of Comments | Percent of Total |
| Visibility      | 19                 | 19%              |
| Speeding        | 15                 | 15%              |
| Sidewalks       | 13                 | 13%              |

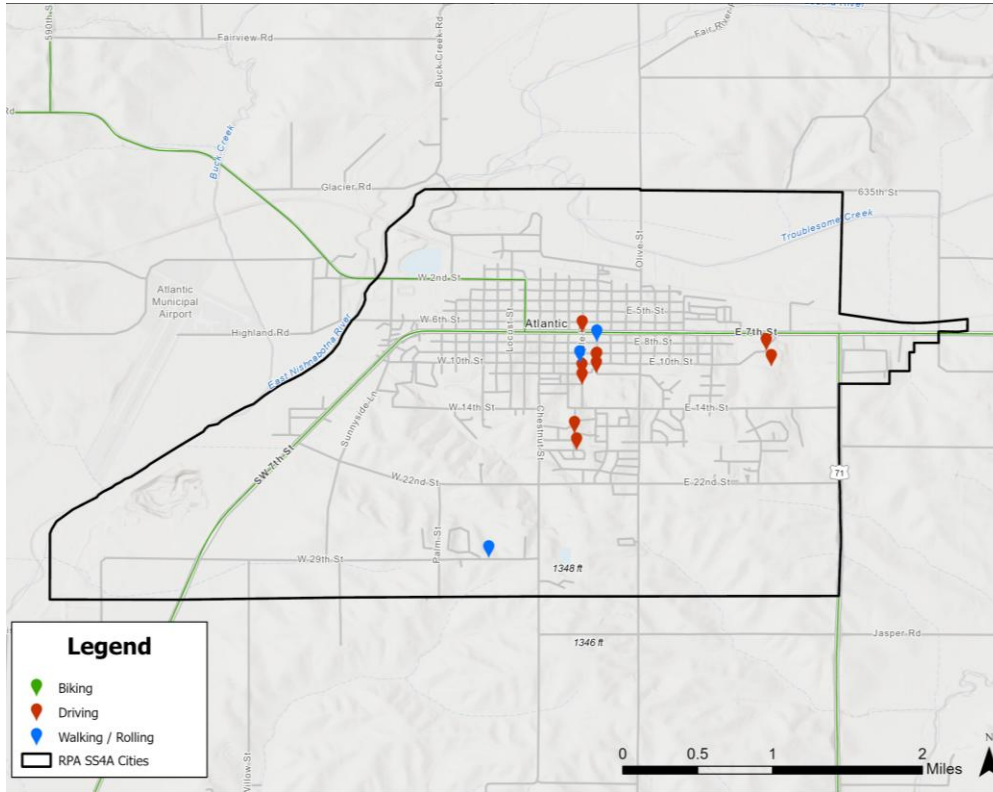
| By Mode                        |                    |                  |                |                    |                  |                       |                    |                  |
|--------------------------------|--------------------|------------------|----------------|--------------------|------------------|-----------------------|--------------------|------------------|
| Driving                        |                    |                  | Pedestrians    |                    |                  | Cycling               |                    |                  |
| Issue/ Concern                 | Number of Comments | Percent of Total | Issue/ Concern | Number of Comments | Percent of Total | Issue/ Concern        | Number of Comments | Percent of Total |
| Visibility                     | 18                 | 26%              | Sidewalks      | 11                 | 39%              | No safe place to bike | 3                  | 100%             |
| Failure to Yield at Stop Signs | 12                 | 17%              | Crosswalks     | 10                 | 36%              | Inconsiderate Drivers | 1                  | 33%              |
| Speeding                       | 12                 | 17%              | Speeding       | 3                  | 11%              |                       |                    |                  |

69  
Responses

28  
Responses

3  
Responses

# Atlantic – Mapping Responses

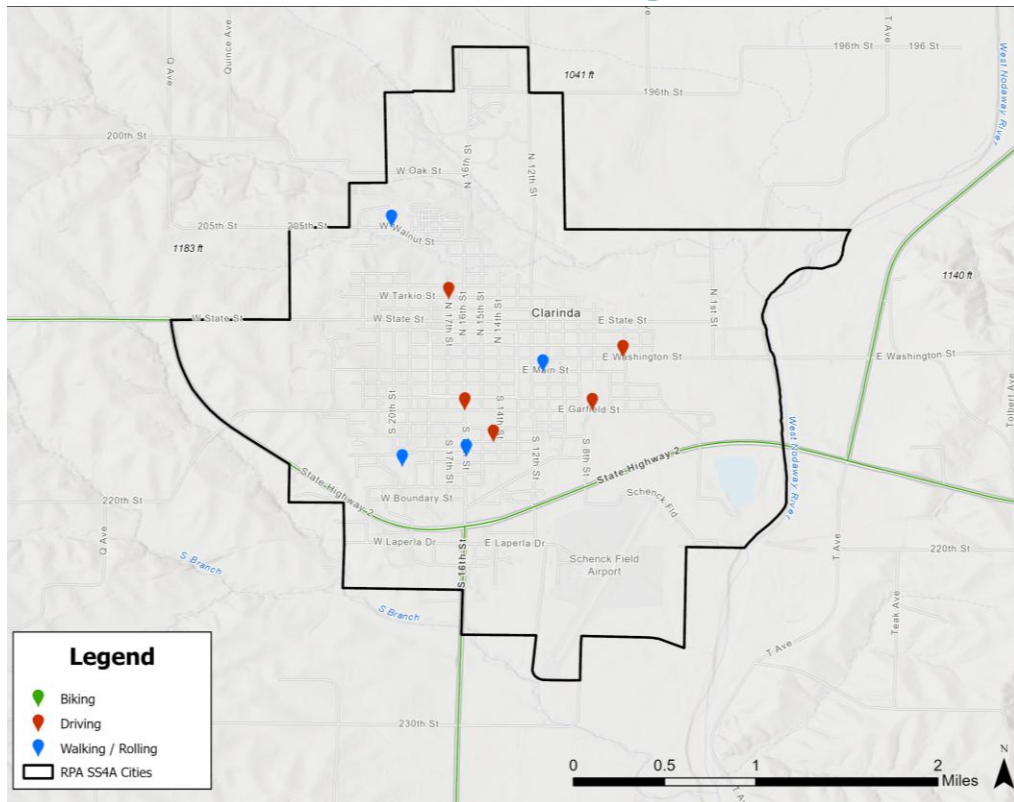


- Poor visibility and congestion along Maple Street and Linn Ave north of the school
- Confusing intersection at 10th St and Hospital Drive
- Bryn Mawr Blvd & Crombie Pl: confusing intersection, missing sidewalks, high speeds
- Lack of sidewalks along 29th St, Chestnut St, and parts of 22nd St
- Speeding on 22nd St

# Atlantic – Mapping Notes

| Category          | Address               | Your comment                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Driving           | 1100 Linn Street      | Very congested during school drop-off and pick-up. Pedestrians mixing with those going straight to parking lot and those turning left to drop-off lanes. YMCA lot dumping out onto this road makes it even more difficult and backed up. Would be nice to find a solution to separate some of the traffic.                                                                                |
| Driving           | 1105 Maple Street     | With cars parked along the east side, you cant get 2 cars past each other.                                                                                                                                                                                                                                                                                                                |
| Driving           | 911 Linn Street       | Really congested especially during school pick-up times. The YMCA lot is only one-way which I understand, but makes everything even more congested. Would also be helpful if people were not allowed to park on the east side of the street as well during this time. Perhaps the street could be made wider to create turning lanes in either direction to allow traffic to exit faster. |
| Driving           | 1201 Maple Street     | People fly down this road and makes it dangerous during school drop off/pick up. Does not help the YMCA preschool park here during drop off and people do not pay attention.                                                                                                                                                                                                              |
| Driving           | Hospital Drive        | Horrible intersection. Needs to have all way stop.                                                                                                                                                                                                                                                                                                                                        |
| Driving           | 1501 East 10th Street | People don't pay attention here. It can be bad for everyone                                                                                                                                                                                                                                                                                                                               |
| Driving           | 911 Linn Street       | This area is really hard for driving, walking and bike, especially at school drop off. Not sure what can make it better, but...                                                                                                                                                                                                                                                           |
| Driving           | 701 Maple Street      | Hill                                                                                                                                                                                                                                                                                                                                                                                      |
| Driving           | 1600 Bryn Mawr        | Confusing intersection, incomplete sidewalk on east side of road making it difficult for traffic and pedestrians, speed is HIGH in this area, several blind spots                                                                                                                                                                                                                         |
| Driving           | 1800 Bryn Mawr Circle | Large dip in road- structure issue<br>A lot of children in the road                                                                                                                                                                                                                                                                                                                       |
| Walking / Rolling | 710 Linn Street       | Visibility for vehicles coming from the north when people are crossing the street.                                                                                                                                                                                                                                                                                                        |
| Walking / Rolling | 305 West 29th Street  | 29th, Chestnut sidewalks. 22nd speed with sidewalk part of the road                                                                                                                                                                                                                                                                                                                       |
| Walking / Rolling | 210 East 10th Street  | This sidewalk is bad, made worse because the yard is not maintained                                                                                                                                                                                                                                                                                                                       |

## Clarinda – Mapping Responses

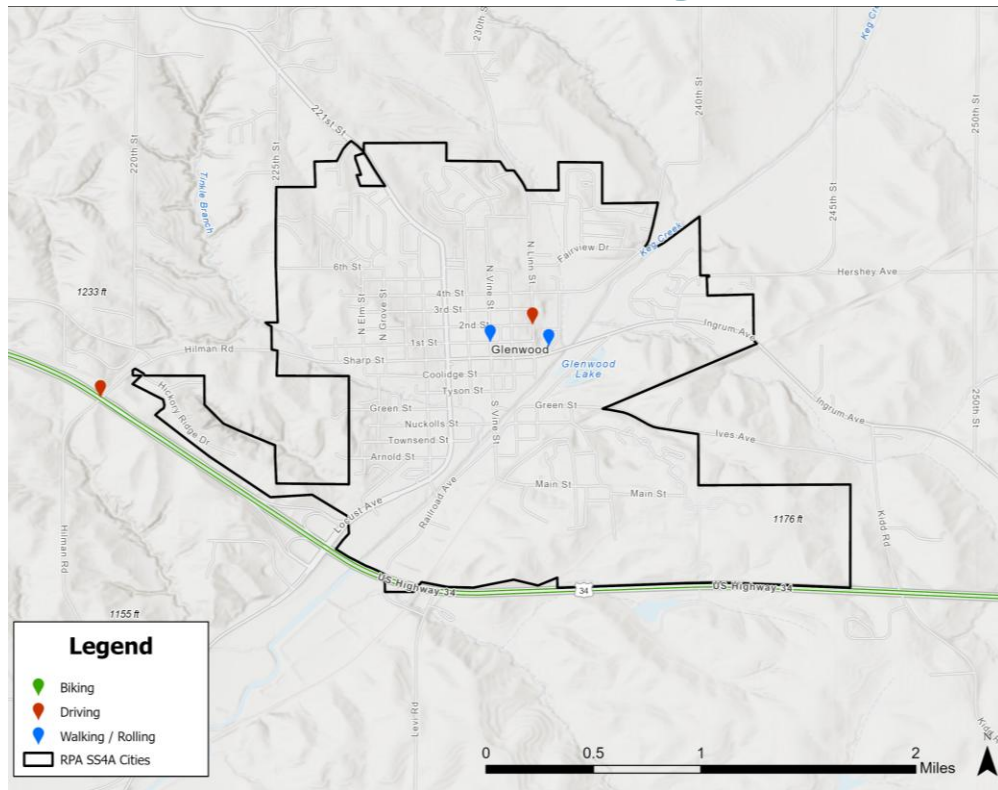


- 101 E Garfield St and 201 E Clark St: failure to stop at stop sign
- Lack of sidewalks and lighting on Garfield St, which leads to HS campus
- Lack of sidewalks on Walnut St
- Parked cars blocking sidewalk at 517 E Main St
- Poor sidewalk condition at 700 S 16th St

# Clarinda – Mapping Notes

| Category          | Address                     | Your comment                                                                                                                                                                                                                                                       |
|-------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Driving           | 323 South 16th Street       | 4-way STOP seems to be new - signs are flagged.                                                                                                                                                                                                                    |
| Driving           | 101 East Garfield Street    | People do not stop at STOP sign                                                                                                                                                                                                                                    |
| Driving           | 910 East Garfield Street    | It's a road that goes to high school and no lights on road or sidewalk It's hard to see the entrance from highway at night and are kids and parents and grandparents are driving it everyday needs better lights all the way from highway past Eiler Senior Living |
| Driving           | 620 North 17th Street       | Bushes block vision                                                                                                                                                                                                                                                |
| Driving           | 1001 East Washington Street | Buildings on lot block vision                                                                                                                                                                                                                                      |
| Driving           | 201 East Clark Street       | See people run the stop sign here all the time. Lack of enforcement.                                                                                                                                                                                               |
| Walking / Rolling | 502 West Walnut Street      | lack of sidewalks on W. Walnut                                                                                                                                                                                                                                     |
| Walking / Rolling | 809 South 19th Street       | parts of walking trail at park need repair                                                                                                                                                                                                                         |
| Walking / Rolling | 700 South 16th Street       | Sidewalk in very bad shape                                                                                                                                                                                                                                         |
| Walking / Rolling | 517 East Main Street        | Car parks on sidewalk/trail                                                                                                                                                                                                                                        |

# Glenwood – Mapping Responses

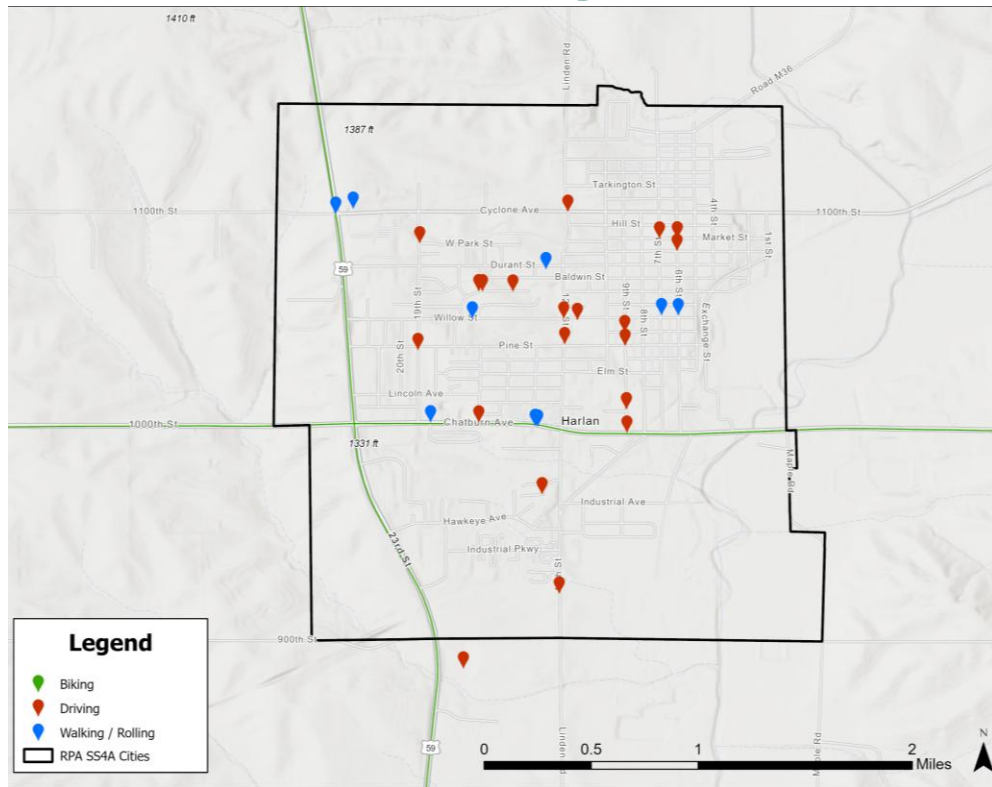


- US 34 & Hillman Road: failure to stop, leading to fatalities
- 1st and Vine: Stop signs only for SB and WB traffic make the intersection confusing and dangerous for people walking and driving
- 2nd and Linn: Majority of drivers don't stop at stop sign
- Narrow, overgrown sidewalks leading to YMCA

# Glenwood – Mapping Notes

| Category          | Address               | Your comment                                                                                                                                                                                                                                                           |
|-------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Driving           | 58151 Hilman Road     | People not stopping - Lots of fatalities                                                                                                                                                                                                                               |
| Driving           | 104 North Vine Street | Instead of a four-way stop or directionally parallel stop signs, perpendicular streets have stop signs and there are no yield signs. This makes the intersection dangerous for driving and walking because it is not clear which drivers should yield to which others. |
| Driving           | 202 2nd Street        | I live nearby and at least 75% of the cars I see drive through this intersection do not stop at the stop signs. Most slow down some, but some don't even slow down.                                                                                                    |
| Walking / Rolling | 110 Sivers Road       | The sidewalks running along the YMCA are overgrown and narrow, making it difficult for more than a single person to use.                                                                                                                                               |
| Walking / Rolling | 406 1st Street        | Stop signs are placed strangely and there are no yield signs which makes it difficult to tell which side should yield to which. This makes for a dangerous walking intersection.                                                                                       |

# Harlan – Mapping Responses



- 9th and Chatburn: hard to see to the east when turning west off 9th (site of fatal crash and other crashes)
- Lack of traffic signal at Hwy 59 & Hawkeye Ave (site of fatal crash)
- 1710 Chatburn Ave: Poor adherence to signal at mid-block crosswalk
- Chatburn Ave & College Pl: Bank sign blocks view to the west when turning from Chatburn Ave. Sign is also very bright and creates glare at night (site of minor injury crash)
- Lack of controlled intersections in various spots along 9th Street
- 17th and Willow: poor adherence to 4-way stop
- Angled street parking downtown creates poor visibility for drivers stopped at intersections without all-way stop
- Speeding and burnouts on multiple streets around town on streets where kids walk (Willow, 12th, Victoria, etc.)
- Lack of crosswalk across Chatburn between hospital and wellness center



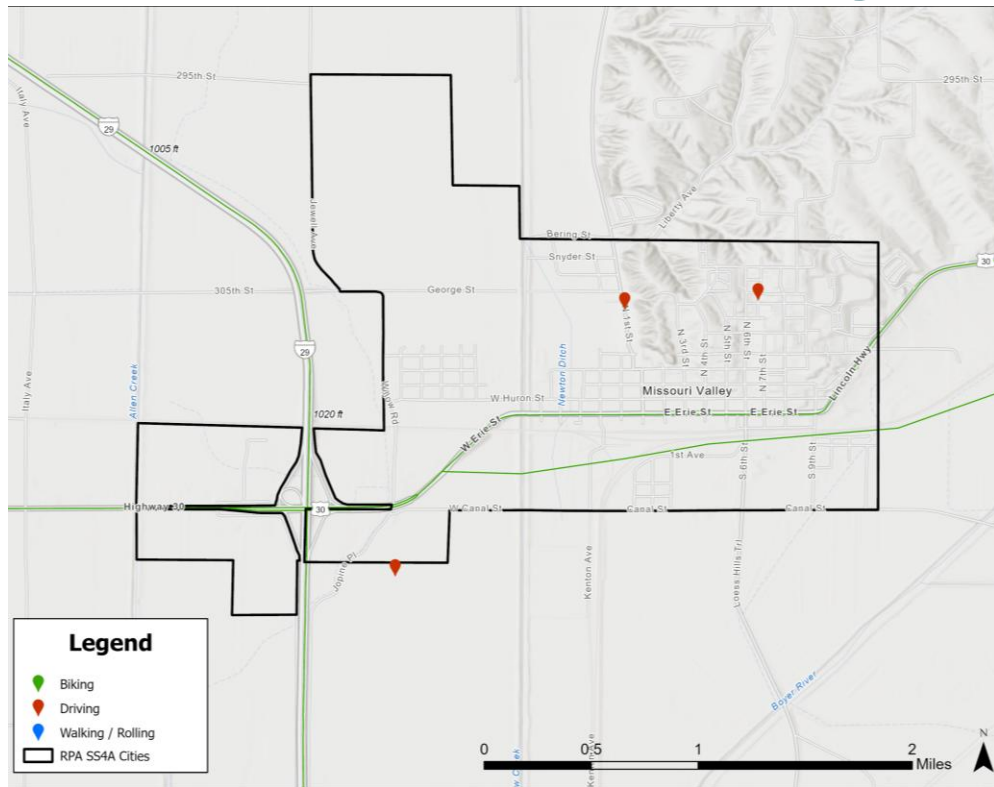
# Harlan – Mapping Notes

| Category | Address               | Your comment                                                                                                                                                      |
|----------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Driving  | 1319 Victoria Street  | People speed down the hill, even with a sign showing it is a dead end.                                                                                            |
| Driving  | 1501 Victoria Street  | People come around the corner either direction and rarely yield to traffic coming up from the Victoria Street cul-de-sac.                                         |
| Driving  | 1304 Southridge Road  | They park on the curve in order to force drivers to slow on the curve. It creates an unsafe driving environment instead.                                          |
| Driving  | 1803 19th Street      | Extremely fast. Kids constantly running into street riding scooters without watching for oncoming traffic. Texting while driving. Passing.                        |
| Driving  | 3306 12th Street      | Road sucks. Needs repaved                                                                                                                                         |
| Driving  | 1117 Willow Street    | People not<br>Stopping at stop<br>Sign                                                                                                                            |
| Driving  | 2310 9th Street       | Hard to see to the east if turning west off of 9th. A few accidents here.                                                                                         |
| Driving  | 2211 College Place    | Cannot see around Community 1st bank sign very well. Why is it SO bright at night?! Distracting                                                                   |
| Driving  | 1809 West Park Street | Cannot see / kids cannot cross due to hill going north on 19th.                                                                                                   |
| Driving  | 804 12th Street       | Hard to see around cemetery fence / grass in order to pull out into traffic.                                                                                      |
| Driving  | 1022 6th Street       | Cannot see around vehicles to pull out from stop sign                                                                                                             |
| Driving  | 602 Market Street     | Cannot see around vehicles that are parked on 6th in order to pull out.                                                                                           |
| Driving  | 1003 7th Street       | Cannot see around vehicles parked on market to pull out from intersection.                                                                                        |
| Driving  | 1614 9th Street       | No stop signs. Almost been hit / hit someone.                                                                                                                     |
| Driving  | 2210 9th Street       | Kids fly down the road especially during summer when the pool is open! Tons of kids on this street with careless drivers.                                         |
| Driving  | 1801 9th Street       | No stop signs.. have almost hit someone / gotten hit                                                                                                              |
| Driving  | 1501 Victoria Street  | Need a stop sign or speed bump in this area to stop people from speeding or slow down. The intersection is extremely busy especially during school.               |
| Driving  | 1712 12th Street      | Tree branches hanging down towards the sidewalk/street make it difficult to see the vehicles traveling southbound on 12th street.                                 |
| Driving  | 1107 Willow Street    | Speeding and the amount of people who do not stop at the 4-way on 12th & Willow is insane. Many people doing burnouts and racing up and down both 12th and willow |

# Harlan – Mapping Notes

| Category          | Address              | Your comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Walking / Rolling | 1710 Chatburn Avenue | Many people don't recognize that there is a stop light for the crosswalk. When people actually use the crosswalk. With the lack of in town school buses, more kids will be walking to school at this crosswalk which is concerning considering the amount of traffic and speed of traffic on Chatburn.                                                                                                                                                                       |
| Walking / Rolling | 1220 Chatburn Avenue | Need crosswalk with signals between hospital and wellness center                                                                                                                                                                                                                                                                                                                                                                                                             |
| Walking / Rolling | 1512 7th Street      | The sidewalk along 7th street around this pin is horrible, across the street on 7th is not nice too                                                                                                                                                                                                                                                                                                                                                                          |
| Walking / Rolling | 901 23rd Street      | No crosswalks.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Walking / Rolling | 1213 Durant Street   | Broken sidewalk.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Walking / Rolling | 1305 Chatburn Avenue | Walking between hospital/clinic and wellness center is impossible on Chatburn Ave.                                                                                                                                                                                                                                                                                                                                                                                           |
| Walking / Rolling | 1509 6th Street      | There are multiple children in this neighborhood and cars definitely go above the speed limit. These children play and cross this area to each others houses and to the pool and park. I constantly remind my children to watch and check where to cross. I have lived on this street for 10 years and it has always been bad. I park on the street and cars have gone by so fast my vehicle moves while I'm waiting for them to pass. My biggest fear is a child being hit. |
| Walking / Rolling | 1504 Willow Street   | It would be great to have something here to draw attention to pedestrians so my kids and I can safely cross the street when we walk to the park.                                                                                                                                                                                                                                                                                                                             |
| Walking / Rolling | 2215 Cyclone Avenue  | No sidewalks                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Walking / Rolling | 1710 Chatburn Avenue | No sidewalks                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

# Missouri Valley – Mapping Responses

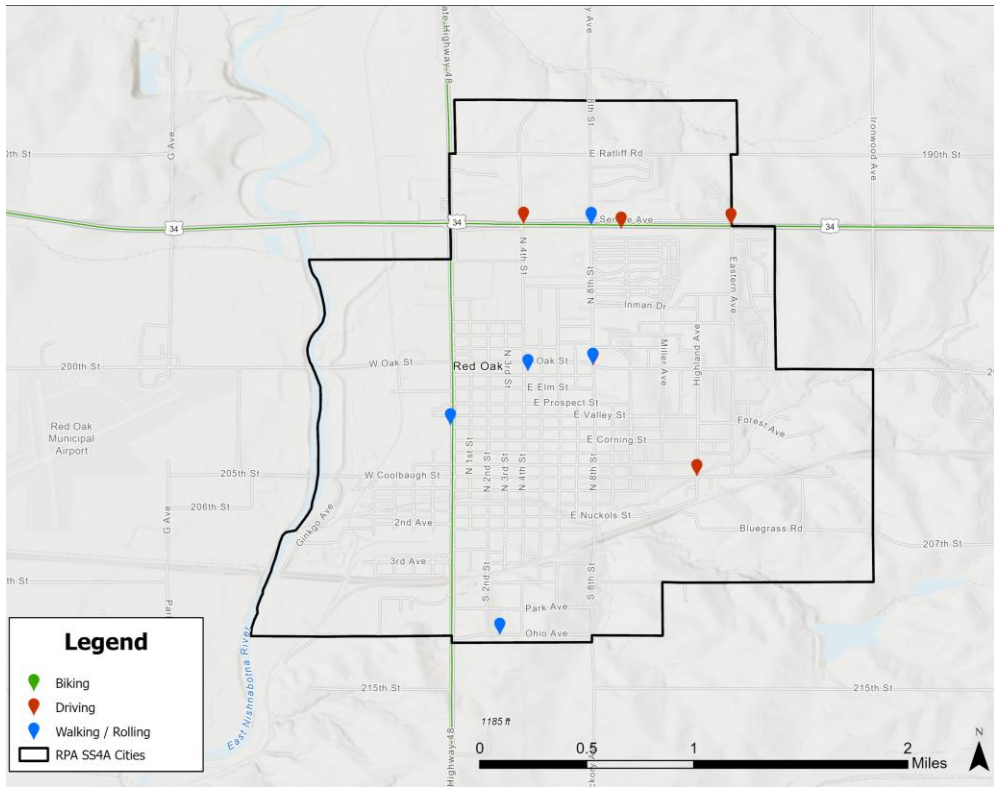


- Commercial Vehicles Speeding on N 1st St through residential area
- Intersection of W Erie St (Hwy 30) and Willow Rd is very busy with traffic coming off of I-29

# Missouri Valley – Mapping Notes

No additional responses to the mapping were received.

# Red Oak – Mapping Responses



- Students cross US-34 before and after school at 4th and 8th Streets; school zone designation with reduced speeds is requested. There are also no crosswalks currently.
- Intersection of HWY 34 and 48 will have a new traffic light soon. Advance flashing warning lights are needed to prevent yellow light running.
- Flip-up stop sign at 8th and Inman can be confusing for drivers and should be permanent all-way stop instead.
- Speeding on Oak/Summit at 8th St makes the intersection dangerous for school kids and northbound drivers on 8th Street who have limited visibility at the stop sign.

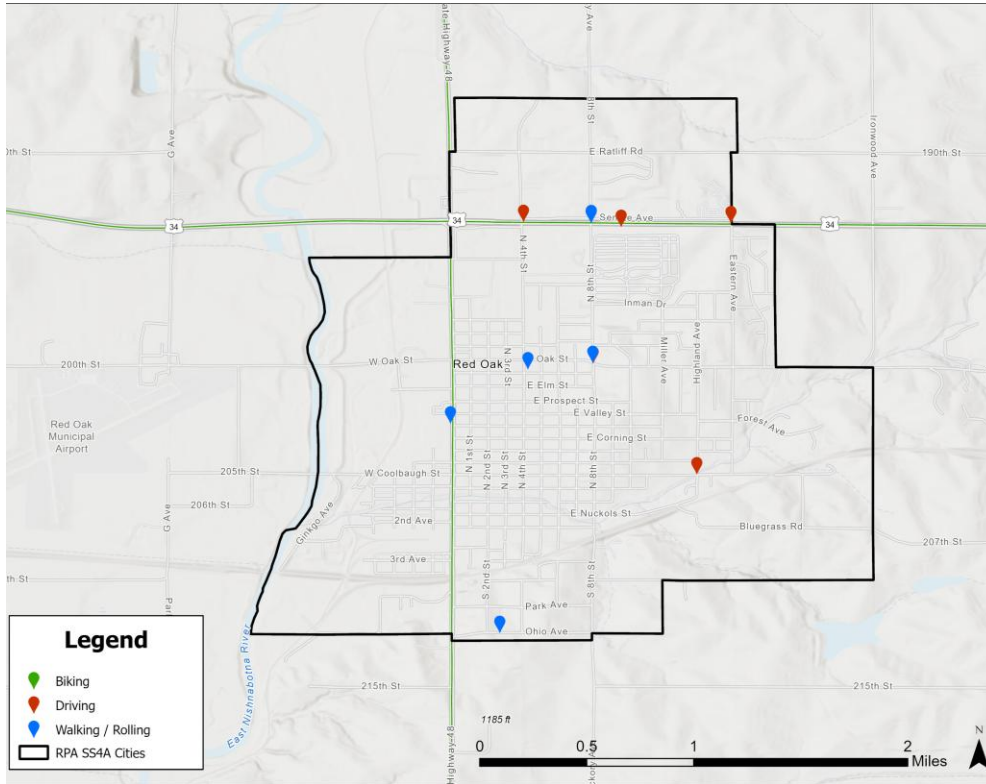
# Red Oak – Mapping Notes

| Category | Address     | Your comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Driving  | US Route 34 | Miles Russel, city electrician, was eastbound up toward the top of the hill, crossed center line and crashed on the north side of the street. It was a fatality.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Driving  | US Route 34 | northbound car stopped at 4th and highway 34; then pulled out in front of an eastbound car traveling 45 mph that was maybe three seconds left of the intersection...the SUV t-boned the northbound car and both ended up in the northeast ditch.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Driving  | US Route 34 | Highway 34 needs a school zone, at 4th 8th st and the speed limit needs to be lowered to 25, on School days or whenever children are present there are children who walk across state highway 34 from the north to the south in the morning and the south to the north in the afternoon, Red Oak High School is just south and visible from Highway 34, the speed limit is 50 mph and a new stop light will be installed at the intersection of state highways 34 and 48, there is a steep downhill grade on highway 34 from Eastern avenue to the west to highway 48, there needs to be a yellow flashing warning light to indicate an imminent red light at the bottom of the hill, there is heavy commercial truck traffic on this highway and the possibility of trying to make it past the traffic light at the bottom of the hill to beat the yellow light is high, I think the speed limit should be 35 mph down the hill not 50 mph, I drive a commercial vehicle and I have driven one through the lower 48 states for over 35 years, I see the same scenario everywhere and most similar roads have school zones and yellow warning lights ahead of a traffic light that activate to warn of an imminent red light coming to prevent traffic from trying to speed up and beat the yellow traffic light which can result in a high speed collision at the intersection that has the traffic light. I would also recommend that the flip down occasional stop sign at the intersection of 8th street and Inman dr be made a permanent stop sign, this stop sign can be confusing. It is there for Inman Elementary School, for children to walk across the street during school hours and the stop sign is flipped up to the stop sign configuration, and then after school hours it is folded down and then a stop is not required. There are children and adults out for walks and using the playground at the elementary school at all times of the day throughout the year even when School is not in session, it would be much safer to make the stop sign permanent, this is a heavily used street by pedestrians at the pedestrian crossing and it is a heavily used city street by automobiles.<br>Thank you<br>Don Torbett |

# Red Oak – Mapping Notes

| Category          | Address                    | Your comment                                                                                                                                                                                                                                 |
|-------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Driving           | 1300 East Coolbaugh Street | This is an awkward intersection because of the curvature of highland into Coolbaugh, yet highland continuing to the south. A 4-way stop here would help tremendously.                                                                        |
| Driving           | 1307 North 8th Street      | Speed of other drivers driving on Oak street. Inability to see around the corner to cross safely.                                                                                                                                            |
| Walking / Rolling | 910 North Broadway Street  | Vehicle/pedestrian fatality - Jan. 10, 2022 - Red Oak Officer struck a 12-year old female pedestrian crossing Broadway by DAC/Fareway intersection, as the officer was in emergency pursuit with lights and sirens to a fire call.           |
| Walking / Rolling | 2200 North 8th Street      | No sidewalks or crossings across the highway.                                                                                                                                                                                                |
| Walking / Rolling | 207 Ohio Avenue            | Increased traffic and speeding of drivers                                                                                                                                                                                                    |
| Walking / Rolling | 1307 North 8th Street      | School timed stop light so kids can cross this intersection safer during before/after school hours.                                                                                                                                          |
| Walking / Rolling | 401 Maple Street           | Leaved motorcycles, cooking grills, children's strollers & toys in the middle of the sidewalk so you have to find ways around it. The whole sidewalk is blocked off with their junk                                                          |
| Walking / Rolling | 2200 North 8th Street      | Need to have safety crossing for kids to get to school.                                                                                                                                                                                      |
| Walking / Rolling | 1509 6th Street            | and check where to cross. I have lived on this street for 10 years and it has always been bad. I park on the street and cars have gone by so fast my vehicle moves while I'm waiting for them to pass. My biggest fear is a child being hit. |
| Walking / Rolling | 1504 Willow Street         | It would be great to have something here to draw attention to pedestrians so my kids and I can safely cross the street when we walk to the park.                                                                                             |
| Walking / Rolling | 2215 Cyclone Avenue        | No sidewalks                                                                                                                                                                                                                                 |
| Walking / Rolling | 1710 Chatburn Avenue       | No sidewalks                                                                                                                                                                                                                                 |

# Shenandoah– Mapping Responses



- Lack of crosswalks at signalized intersection at Walmart parking lot entrance
- Speeding along the entirety of N/S Center St and along Mustang Dr near Shenandoah H.S.
- No sidewalks or crosswalks along Fremont St (Hwy 59) creates safety problems for wheelchair users who need to access destinations like Walmart and HyVee
- Lots of crashed at intersection of Hwy 59 and Hwy 2 (just outside of city limits)
- Not stopping at stop signs (throughout the city)



# Shenandoah – Mapping Notes

| Category          | Address                   | Your comment                                                                                                                                      |
|-------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Driving           | East Ferguson Avenue      | Visibility is blocked by business vehicle parking.                                                                                                |
| Driving           | 605 Fremont Street        | People do not stop at STOP sign.                                                                                                                  |
| Driving           | 1947 B Avenue             | Stop signs in general - People do not stop                                                                                                        |
| Driving           | 801 South Center Street   | Entire length of N/S Center - Speeding is an issue                                                                                                |
| Driving           | 1210 Longman Drive        | People not stopping at STOP sign.                                                                                                                 |
| Driving           | 1202 Mustang Drive        | People do not stop at the STOP signs                                                                                                              |
| Driving           | 1080 Mustang Drive        | Speeding                                                                                                                                          |
| Driving           | 1207 West Ferguson Avenue | Gravel road maintenance is a concern                                                                                                              |
| Driving           | 207 North Sycamore Street | Concern with Speeding                                                                                                                             |
| Driving           | 2090 Iowa Highway 2       | There have been far too many accidents at those corner. A lot of distracted drivers.                                                              |
| Walking / Rolling | 700 Fremont Street        | No crosswalk. Have to wait for people in wheelchairs                                                                                              |
| Walking / Rolling | 605 Fremont Street        | No sidewalks or crosswalks. I'm in an electric wheelchair and I have a hard time getting safely to the WalMart or HyVee down this stretch of road |

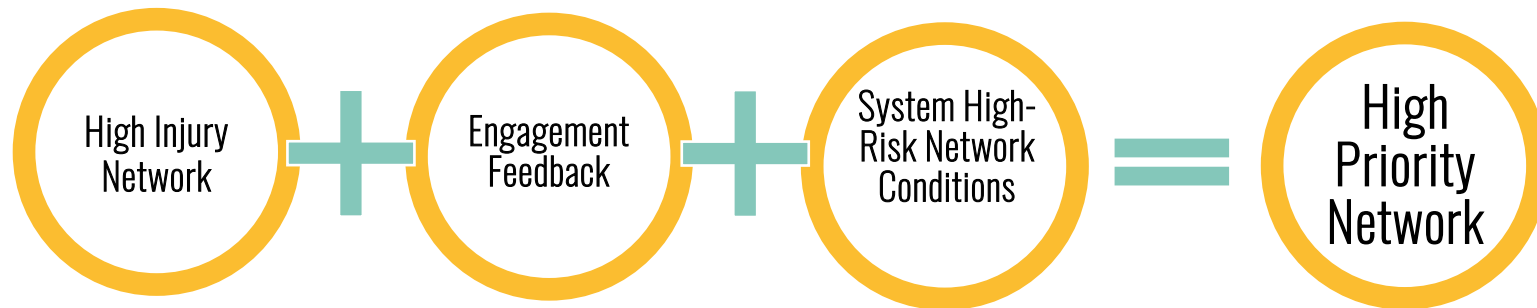
# Developing the HPN

## High Priority Network

# High Injury Network

## HIN

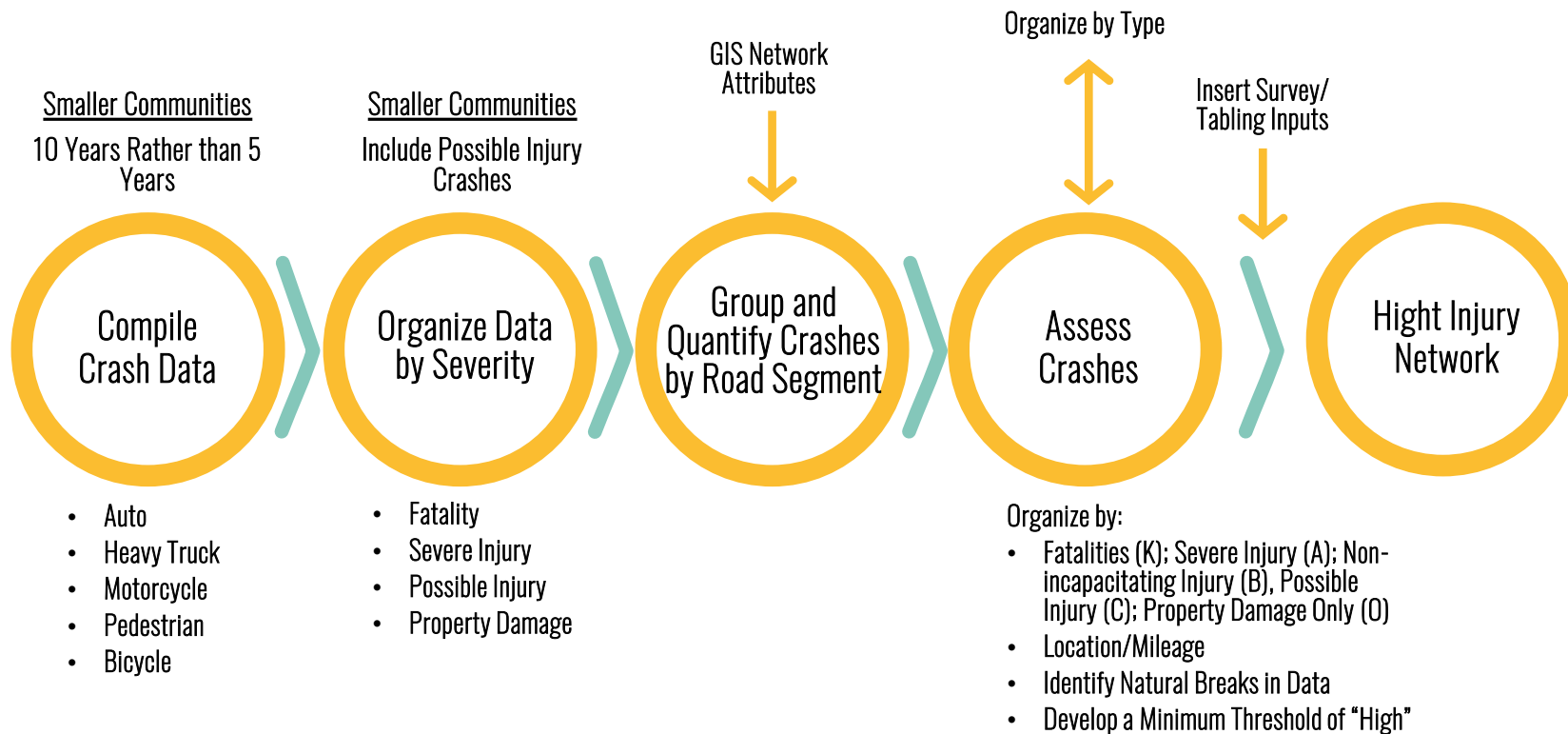
# Developing the High Priority Network



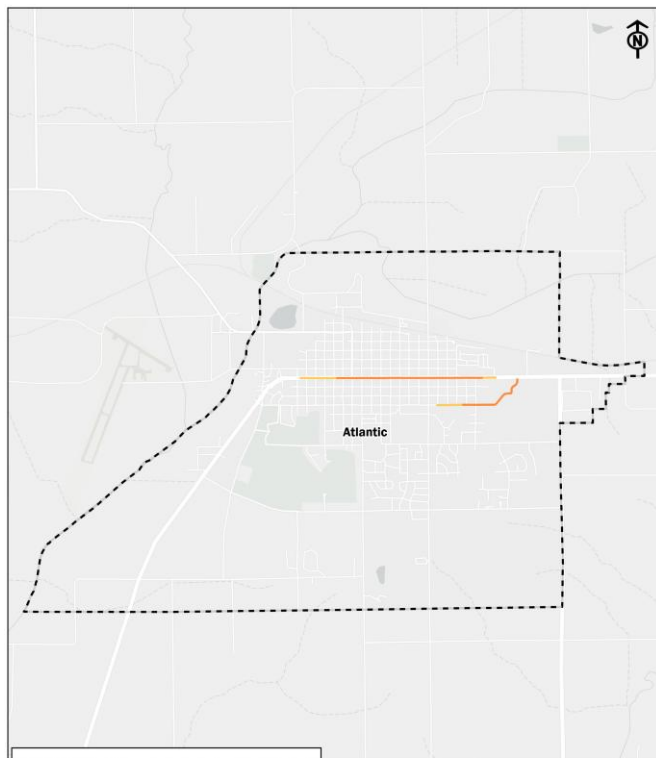
- RR Crossings
- High Speed Roads (>35 MPH)
- 4-Lane/Undivided
- Signalized Intersections
- Adjacent to Schools

Crash Data Alone will Not Tell the Entire Story

# Developing the High Injury Network

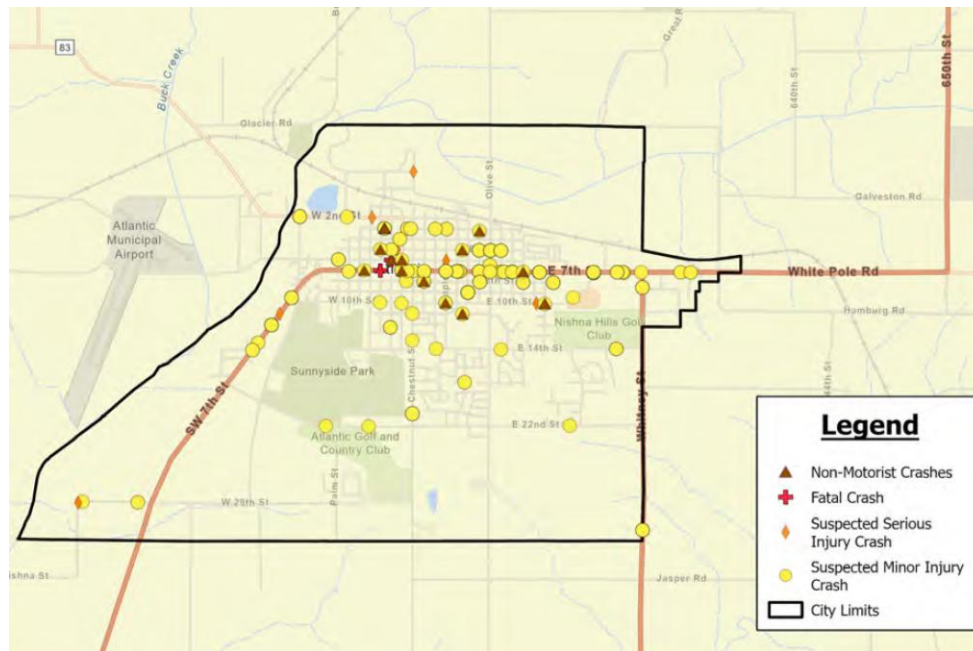


# HIN and Crashes - Atlantic



## Atlantic

2015—2024 Fatal, Serious, Minor Injury Crashes

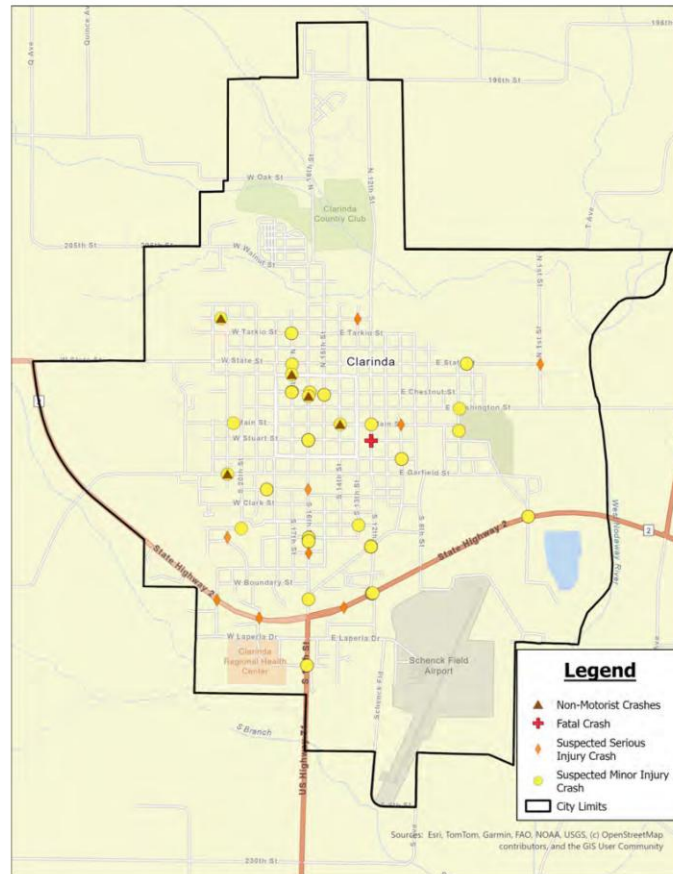
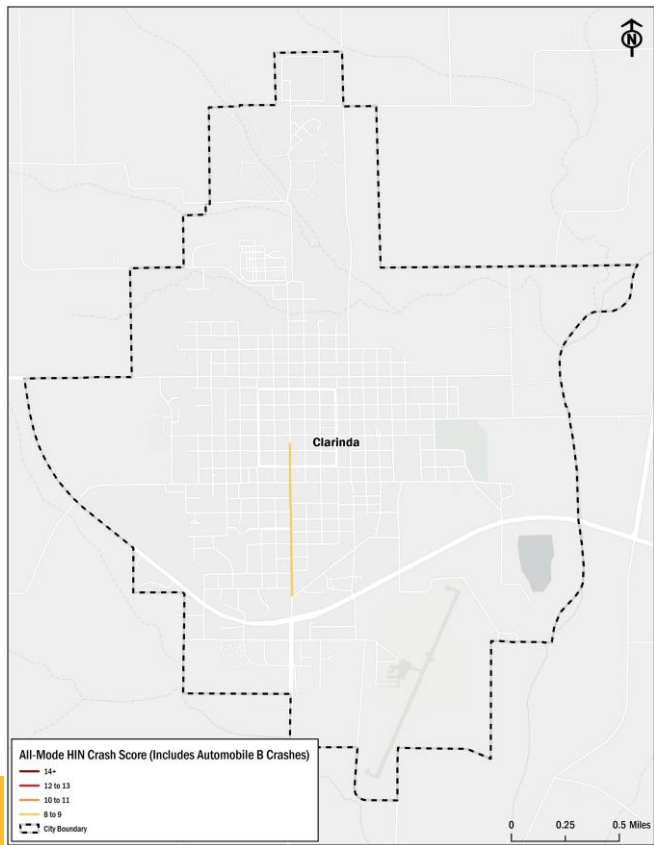


# HIN and Crashes - Clarinda

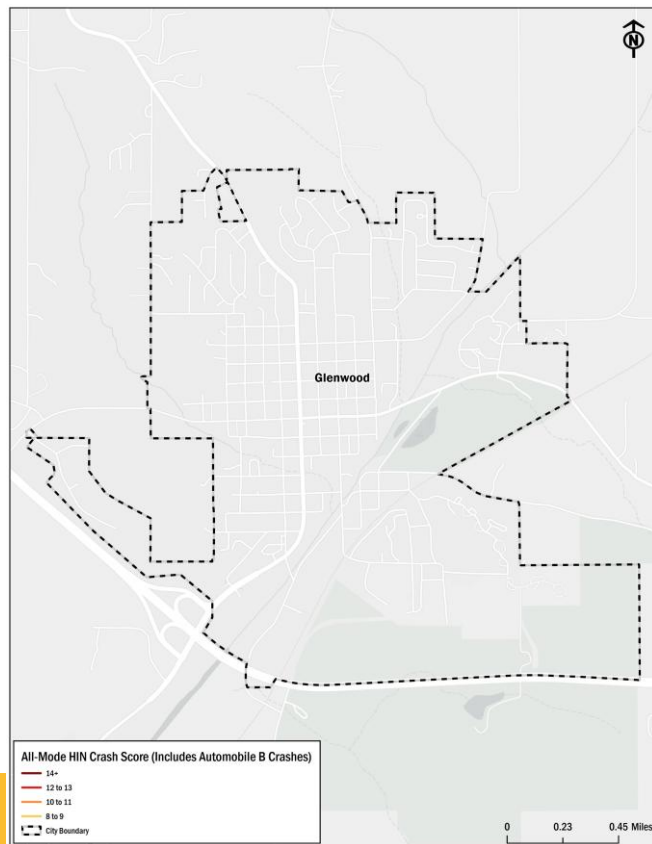
**Clarinda**

2015—2024 Fatal, Serious, Minor Injury Crashes

SAFE STREETS  
**FOR ALL**  
--- RPA-13&18 ---

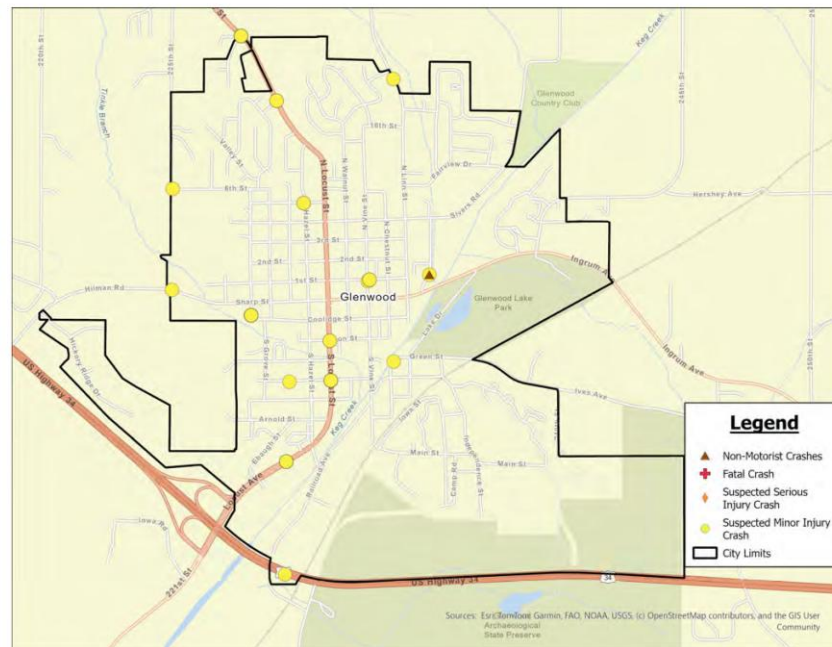


# HIN and Crashes - Glenwood



## Glenwood

2015—2024 Fatal, Serious, Minor Injury Crashes





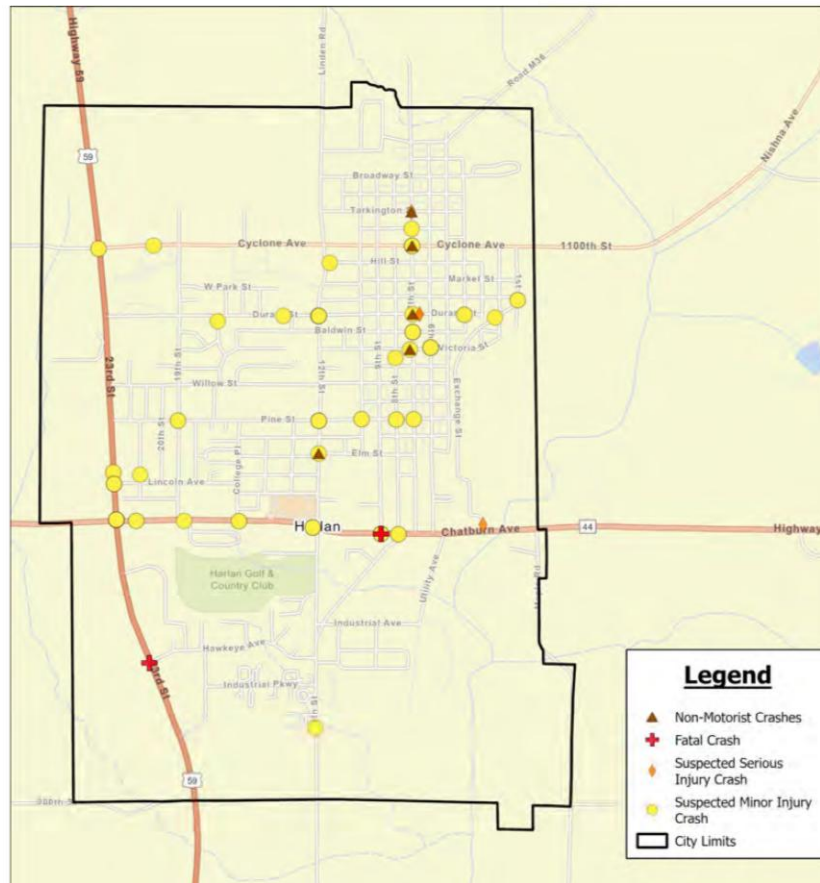
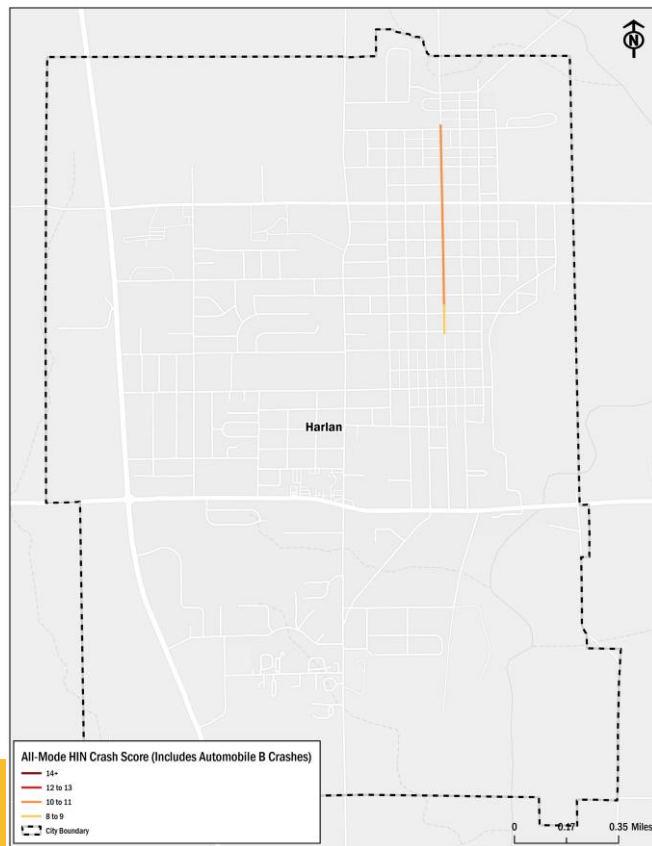
# HIN and Crashes - Harlan

## Harlan

2015—2024 Fatal, Serious, Minor Injury Crashes

SAFE STREETS  
FOR ALL

8 ---

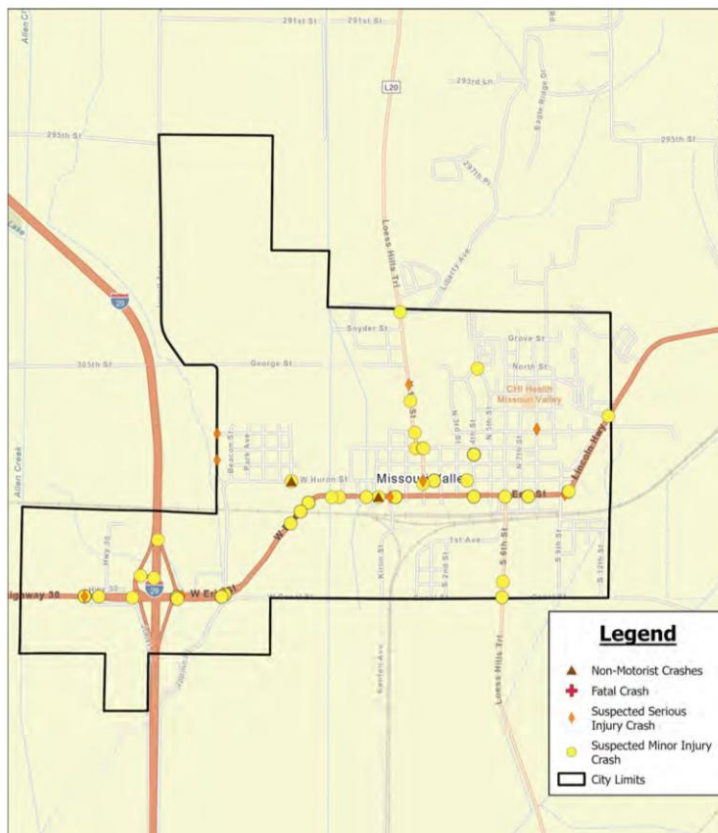
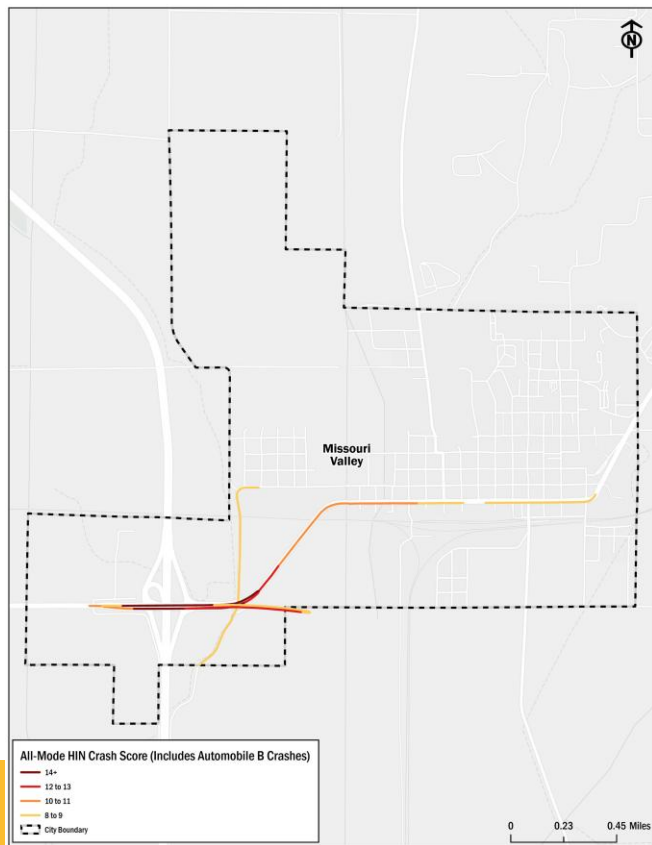


# HIN and Crashes – Missouri Valley

## Missouri Valley

2015—2024 Fatal, Serious, Minor Injury Crashes

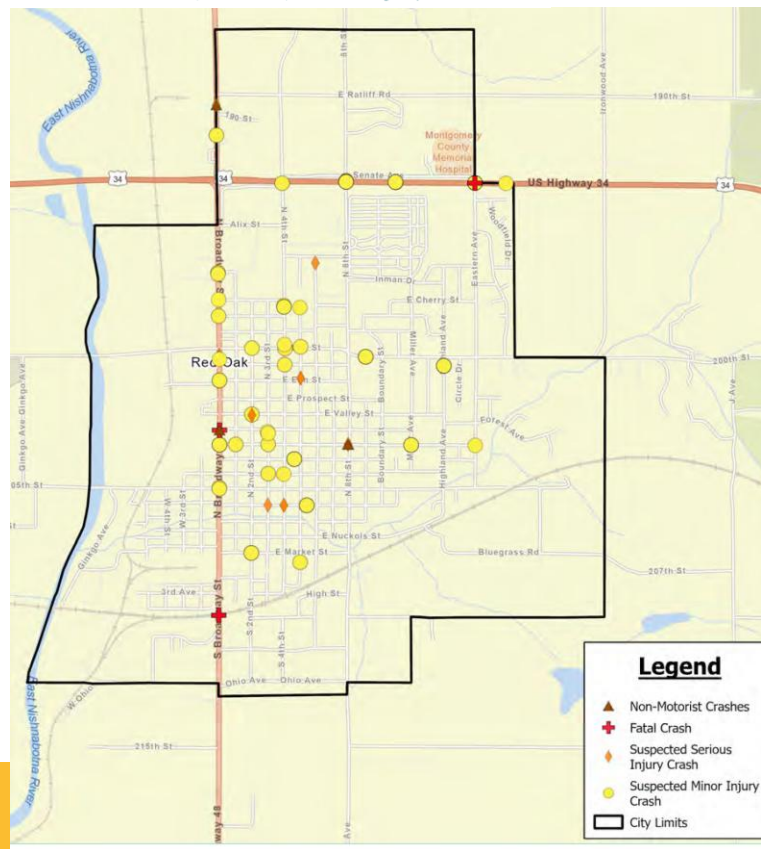
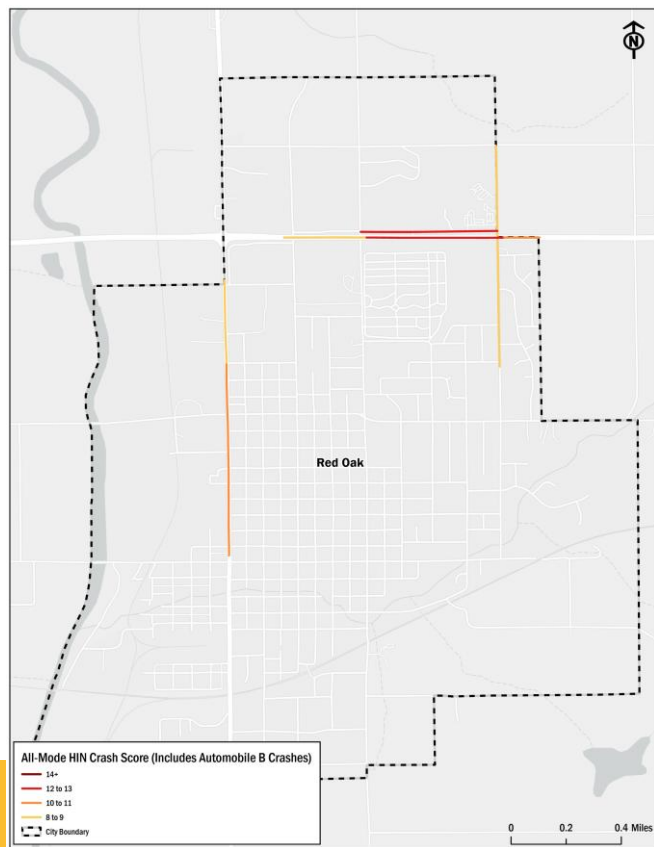
SAFE STREETS  
**FOR ALL**  
--- RPA-13&18 ---



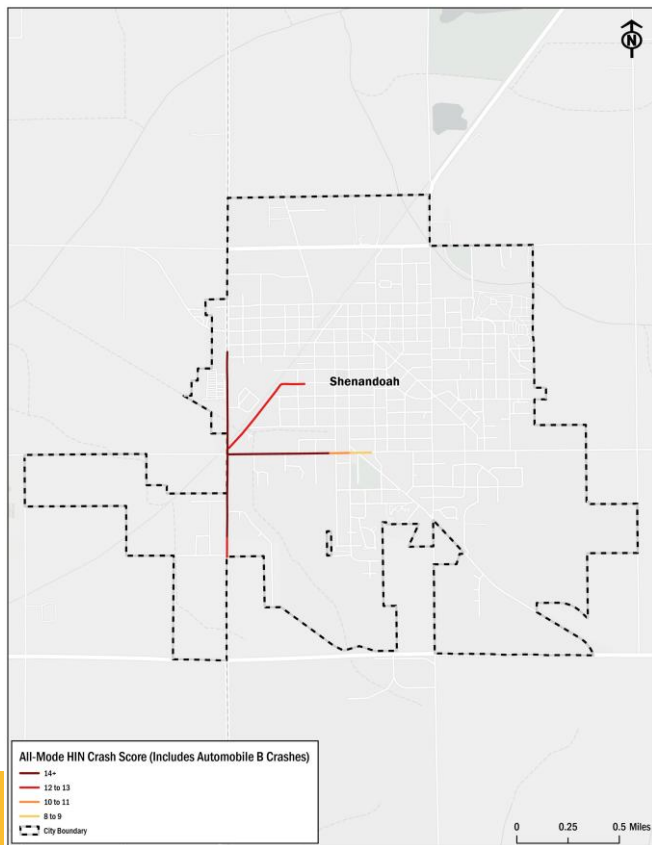
# HIN and Crashes – Red Oak

## Red Oak

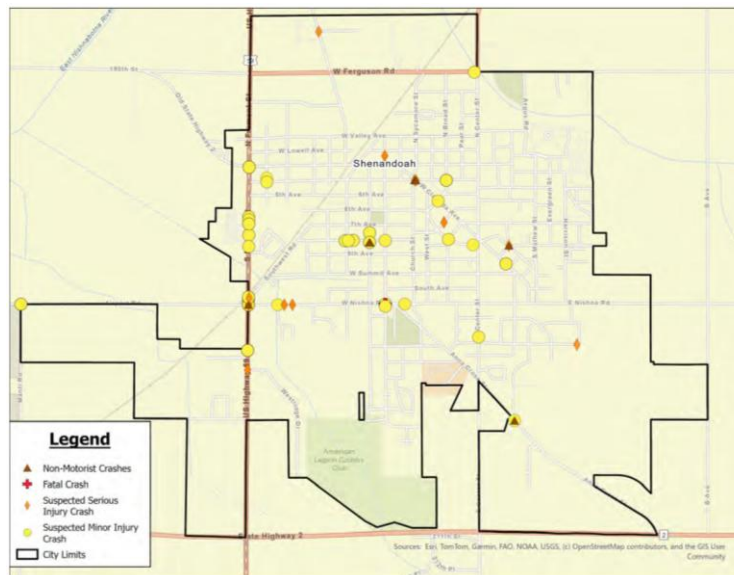
2015–2024 Fatal, Serious, Minor Injury Crashes



# HIN and Crashes - Shenandoah



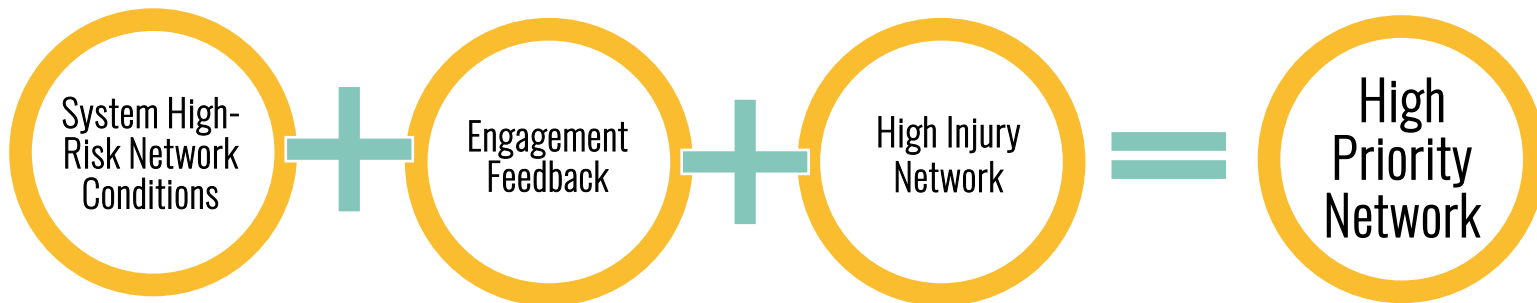
## Shenandoah 2015—2024 Fatal, Serious, Minor Injury Crashes



# Higher Risk Network

## HRN

# Steps to Developing the High Priority Network



- RR Crossings
- High Speed Roads (>35 MPH)
- 4-Lane/Undivided
- Signalized Intersections
- Adjacent to Schools

# System Risks



RR Crossings



Higher Speed  
Roads (>35 MPH)



Signalized  
Intersections

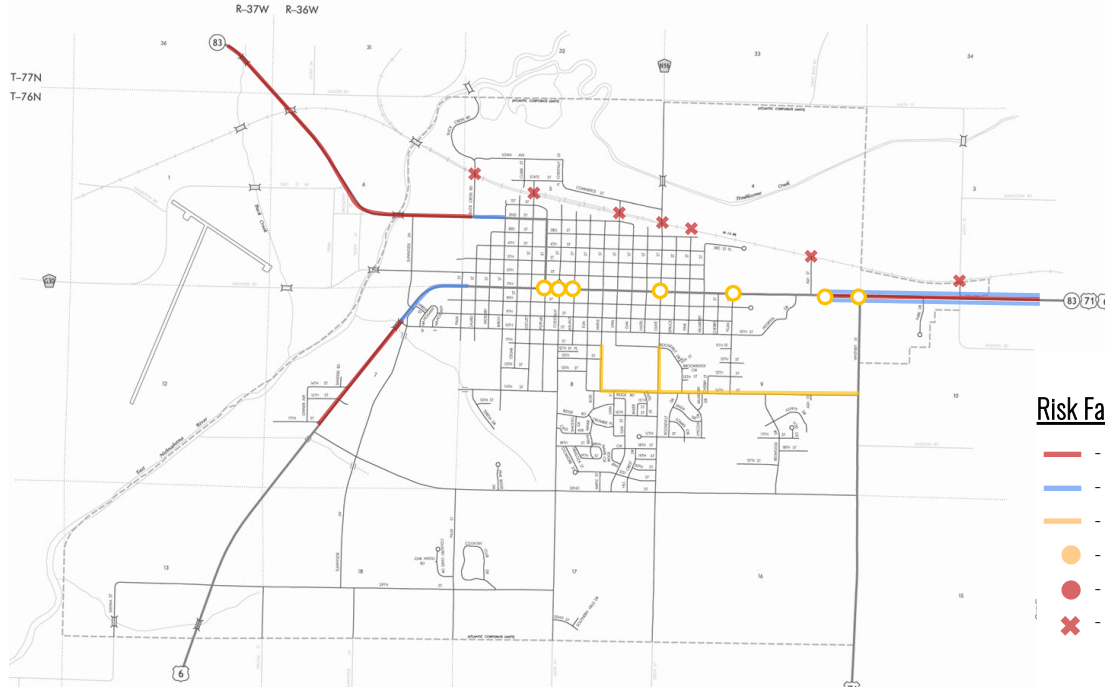


4-Lane Undivided Roads



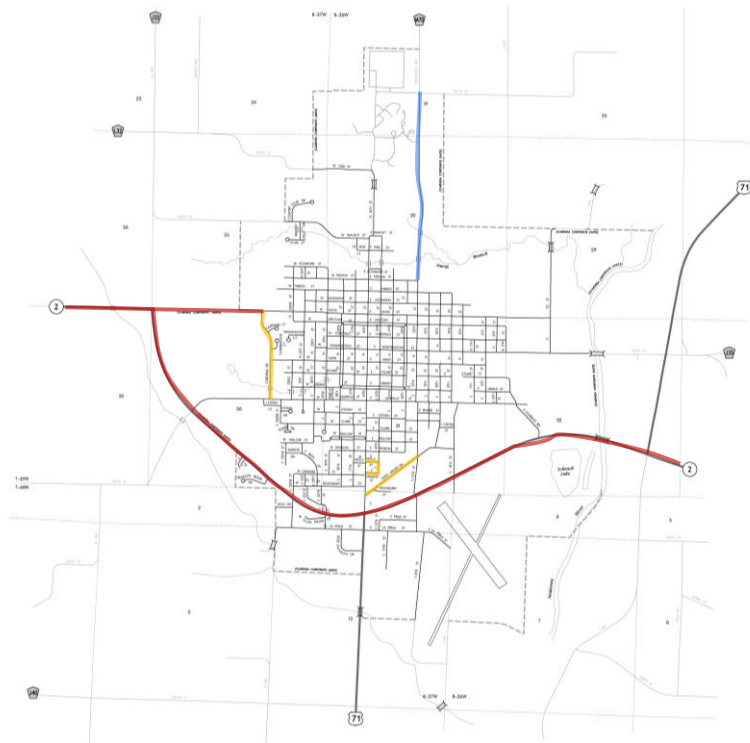
Streets Adjacent  
to Schools

# High Risk Network - Atlantic





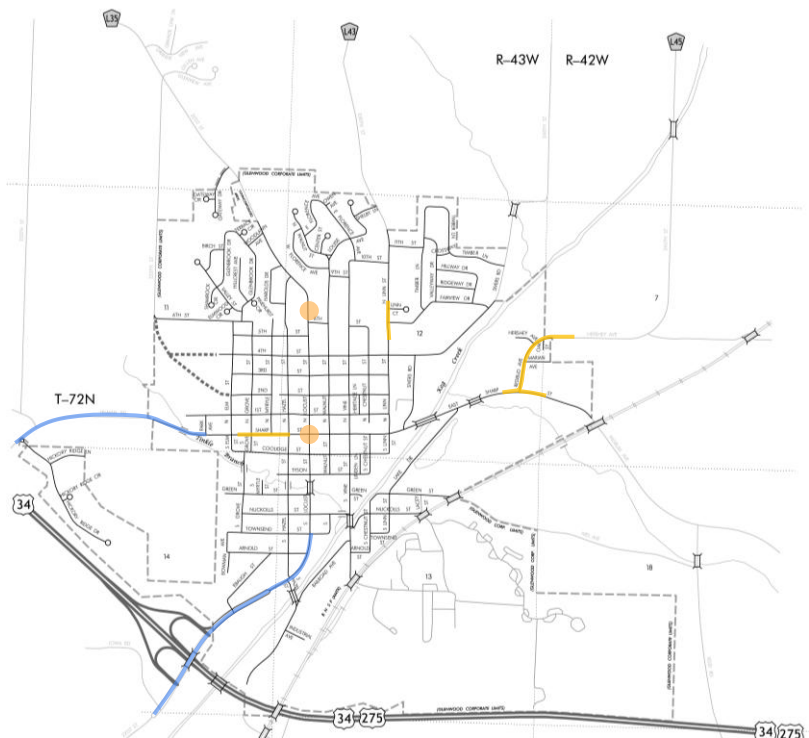
# High Risk Network - Clarinda



## Risk Factors

- Speed Limit >35 MPH
- Arterial No Sidewalk
- School Area
- Signalized Intersection
- Signal - No Crosswalk
- At-grade RR Crossing

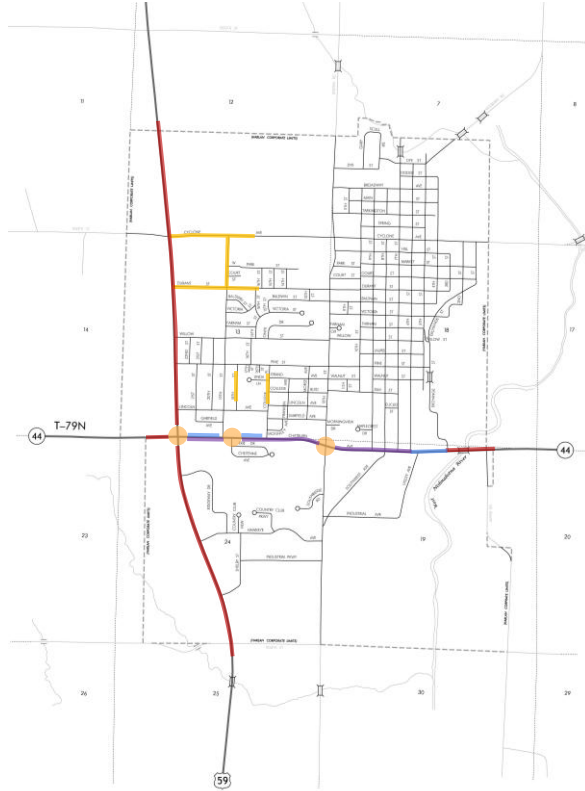
# High Risk Network – Glenwood



## Risk Factors

- Speed Limit >35 MPH
- Arterial No Sidewalk
- School Area
- Signalized Intersection
- Signal - No Crosswalk
- At-grade RR Crossing

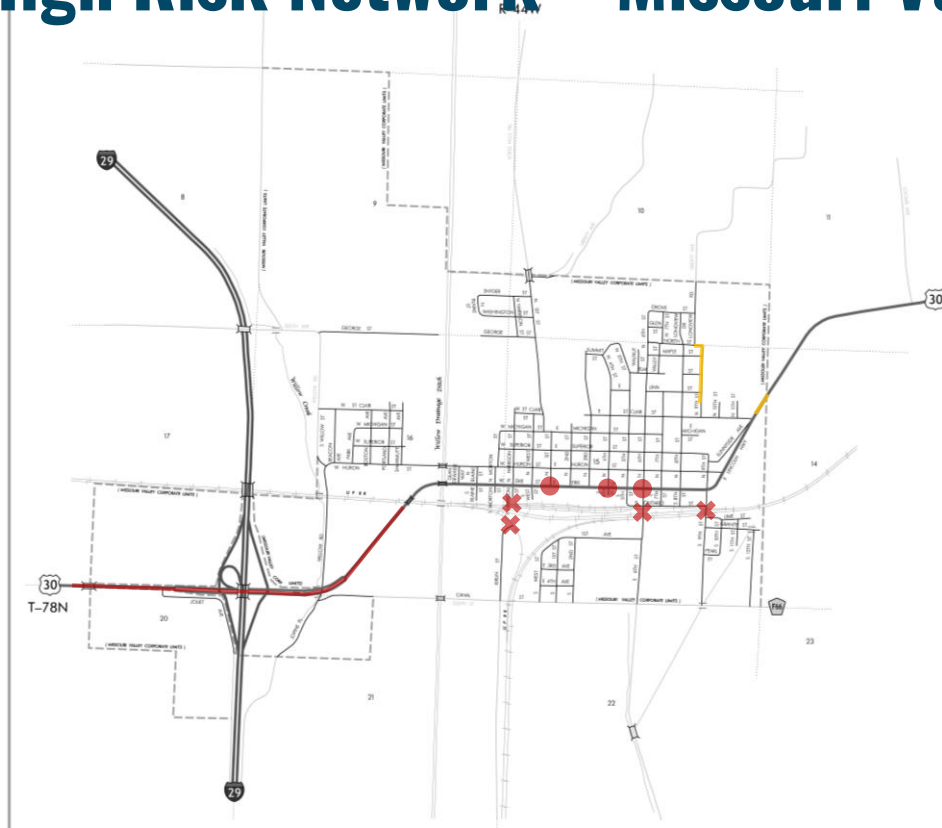
# High Risk Network – Harlan



## Risk Factors

- Speed Limit >35 MPH
- 4-Lane Undivided
- Arterial No Sidewalk
- School Area
- Signalized Intersection
- Signal – No Crosswalk
- ✕ At-grade RR Crossing

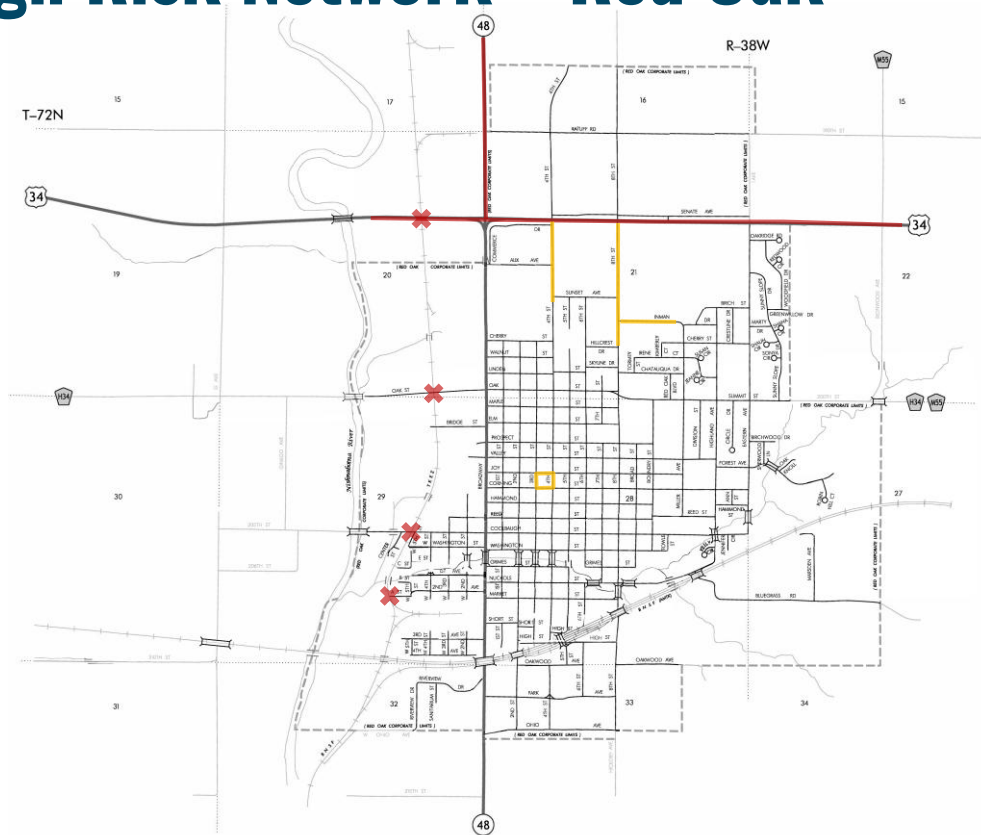
# High Risk Network – Missouri Valley



## Risk Factors

- Speed Limit >35 MPH
- 4-Lane Undivided
- Arterial No Sidewalk
- School Area
- Signalized Intersection
- Signal – No Crosswalk
- ✕ At-grade RR Crossing

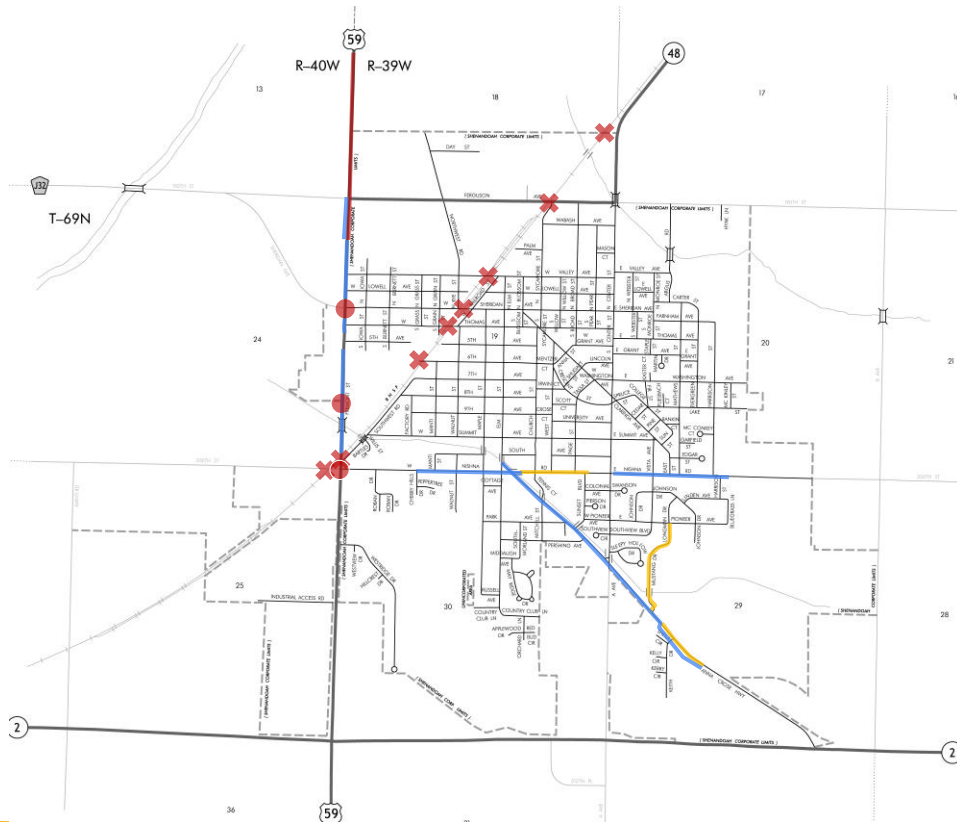
# High Risk Network – Red Oak



## Risk Factors

- - Speed Limit >35 MPH
- - 4-Lane Undivided
- - Arterial No Sidewalk
- - School Area
- - Signalized Intersection
- - Signal – No Crosswalk
- X - At-grade RR Crossing

# High Risk Network – Shenandoah

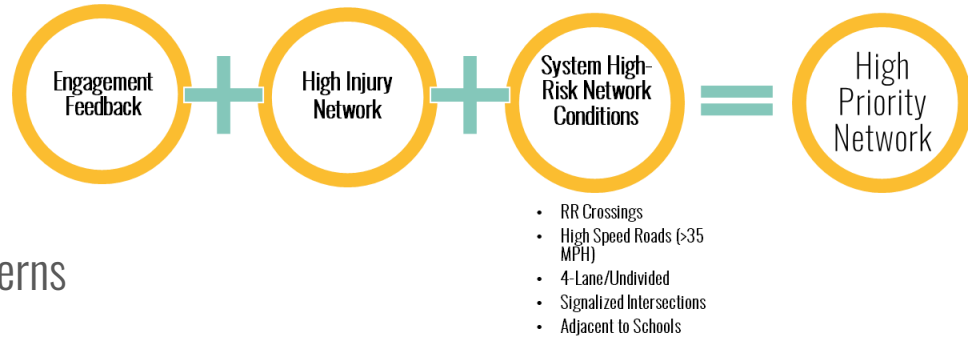


## Risk Factors

- - Speed Limit >35 MPH
- - 4-Lane Undivided
- - Arterial No Sidewalk
- - School Area
- - Signalized Intersection
- - Signal – No Crosswalk
- X - At-grade RR Crossing

# Wrap-up

- Next Steps
  - Finalize Attribute “Layering”
  - High Risk Network Tech Memo
- Develop Countermeasures for Key Concerns
- Test/Screen Counter Measures



# Key Countermeasures



## For Action Plan

### INTERSECTIONS



Yellow Clearance



Back Plates



Access Management



Adequate Lanes

### SEGMENTS



4-3 Lane Conversions



Enhanced Delineation



Design Improvement

### PEDESTRIANS



Walkway



Lighting



Beacon



Leading Ped Phase

### EDUCATION



Crossing Education



Reflective Clothing



Safety Audit



Avoid Distractions

### ENCOURAGEMENT



Appropriate Limits



Variable Limits

### BICYCLISTS



Bike Lane



Watch Speed



# Discussion