

WELCOME

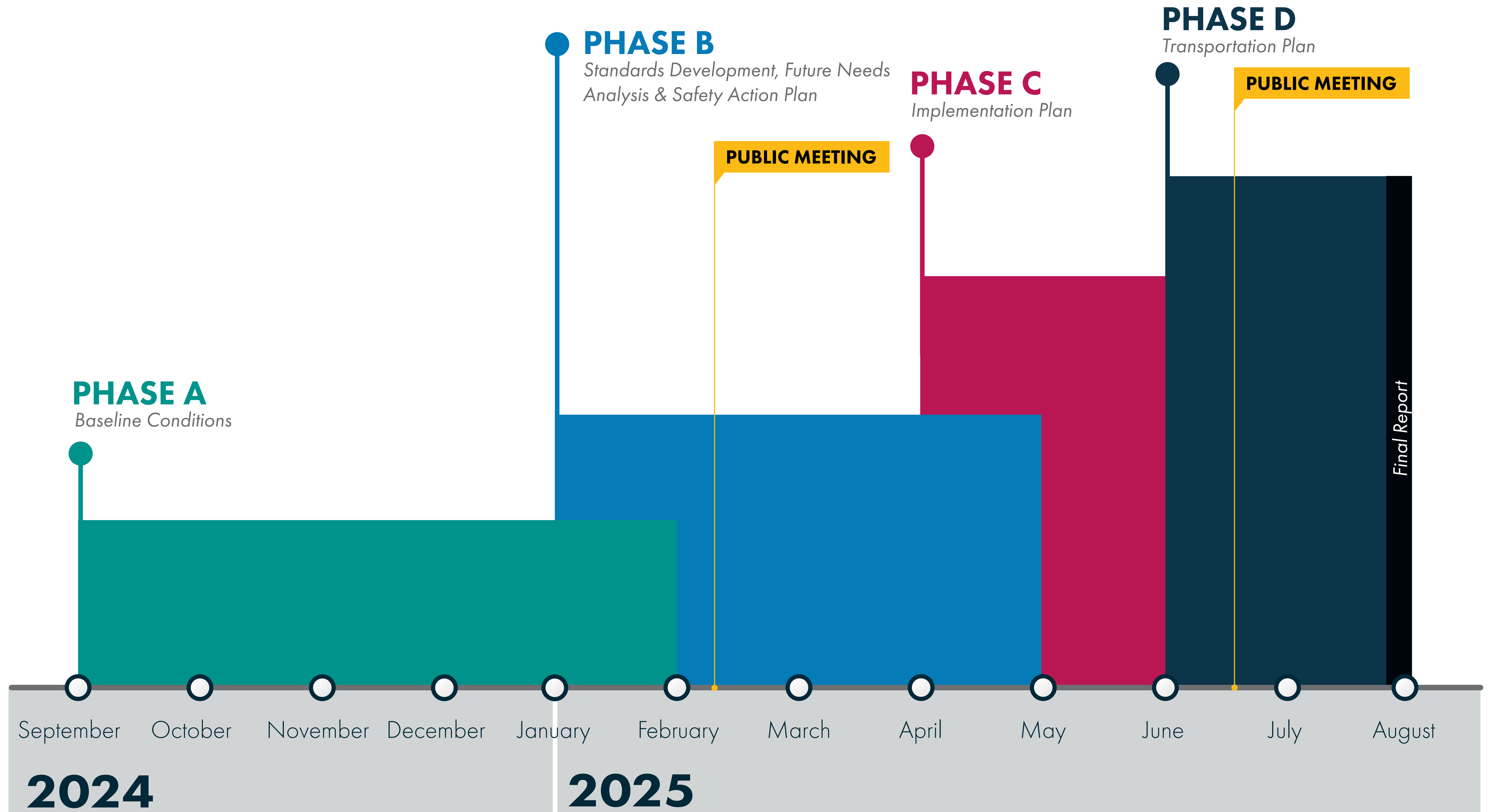
PUBLIC MEETING OPEN HOUSE

4-6 p.m.

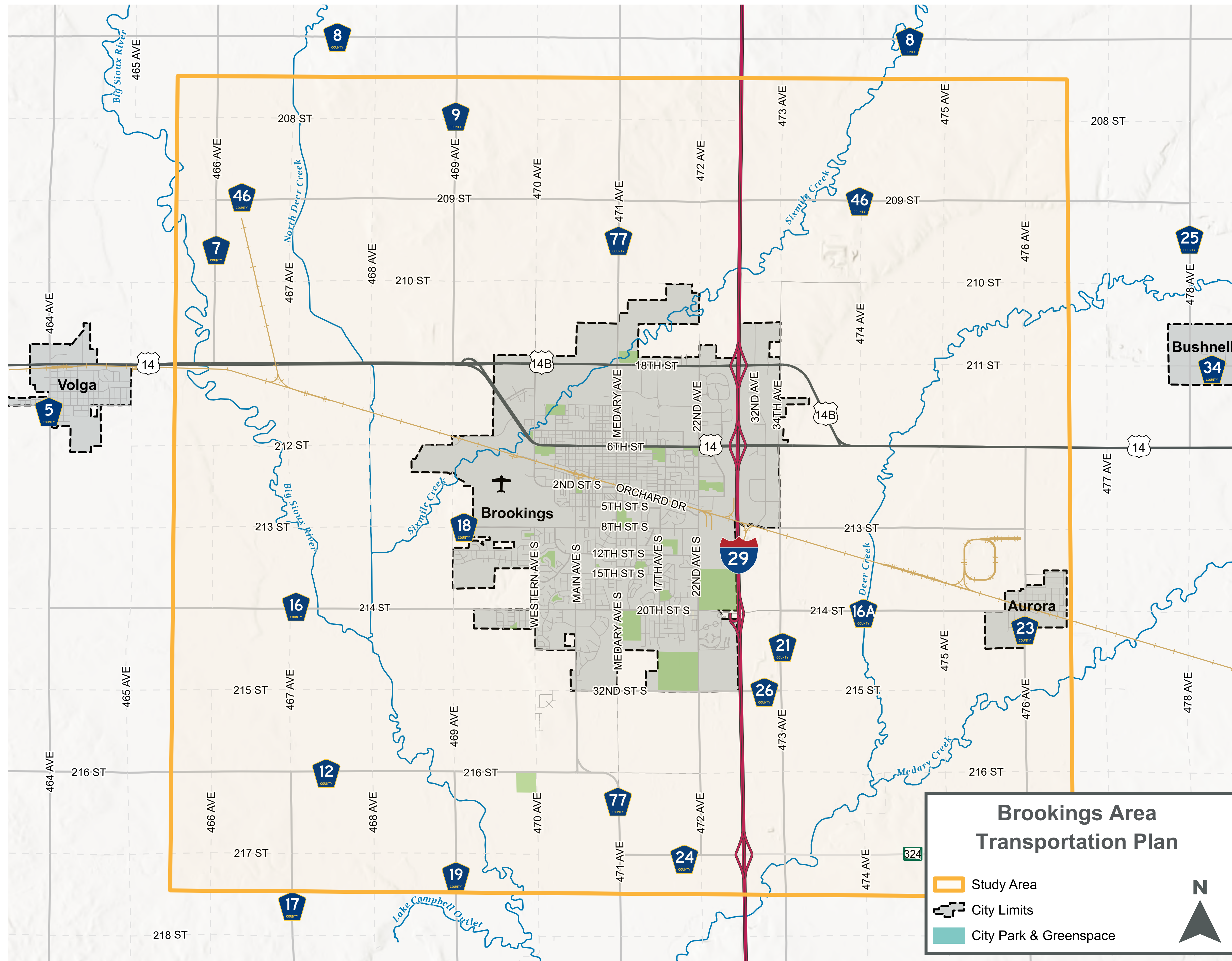


BROOKINGS
AREA TRANSPORTATION PLAN

STUDY SCHEDULE



STUDY AREA



TRAFFIC AND SAFETY



BROOKINGS
AREA TRANSPORTATION PLAN

TRAFFIC AND SAFETY ISSUES AND NEEDS

Please provide comments on where you see transportation issues and needs related to traffic and safety, such as:



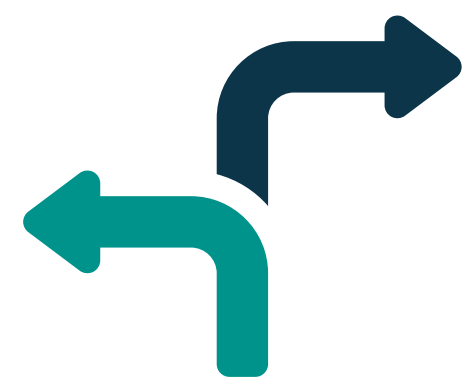
Safety (crashes, close-calls, etc.)



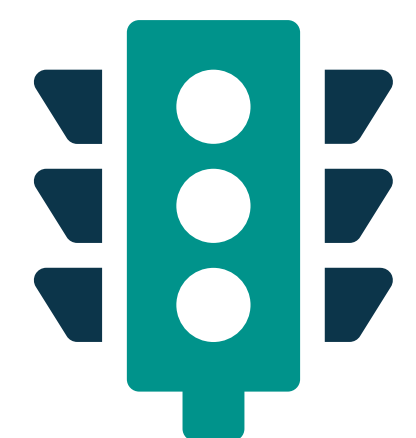
Traffic congestion



Speeding



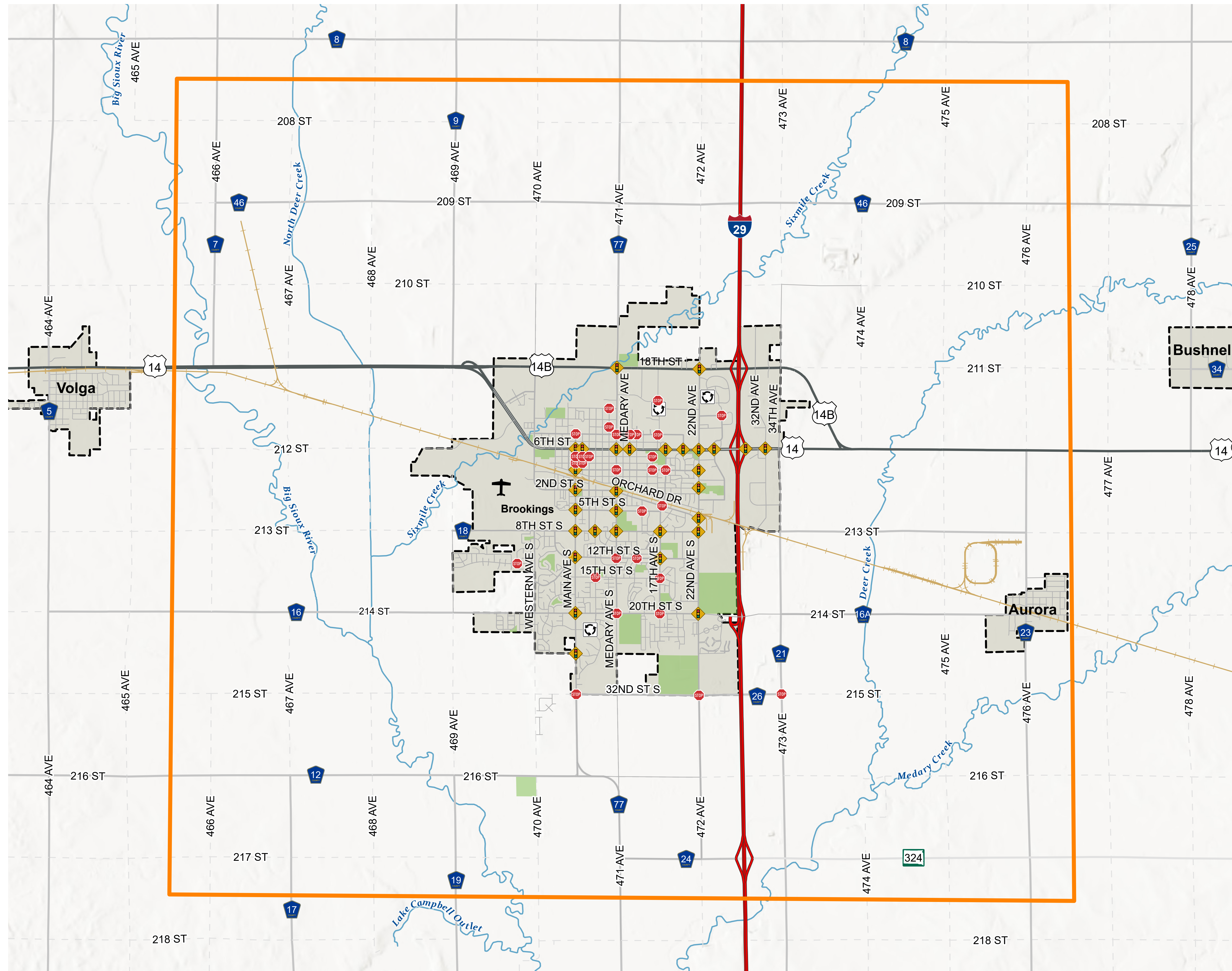
Turn lanes, additional lanes, or medians



Traffic signal improvements

(new signal, timing adjustments, signal upgrade, etc.)

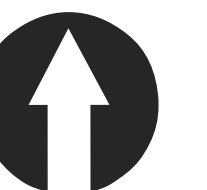
EXISTING STREET NETWORK



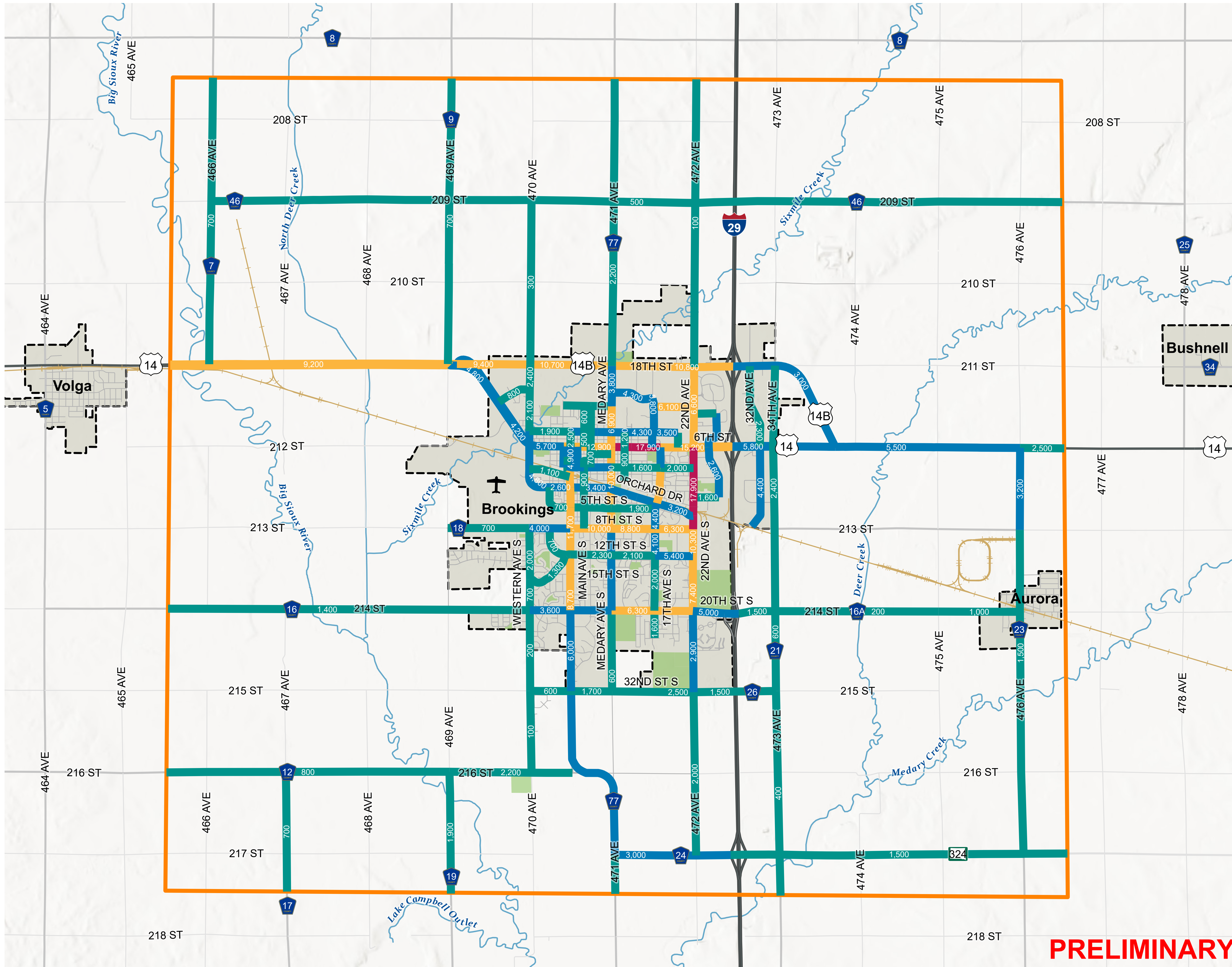
LEGEND

- Study Area
- City Limits
- City Park & Greenspace
- Roundabout Intersection
- All Way Stop-Control Intersections
- Signalized Intersections
- Interstate
- US Highways
- State Highways
- County Roads
- City Road
- Township Roads








0 2 Miles



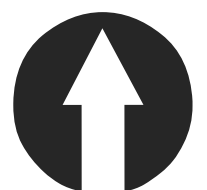
EXISTING (2024) DAILY TRAFFIC VOLUMES



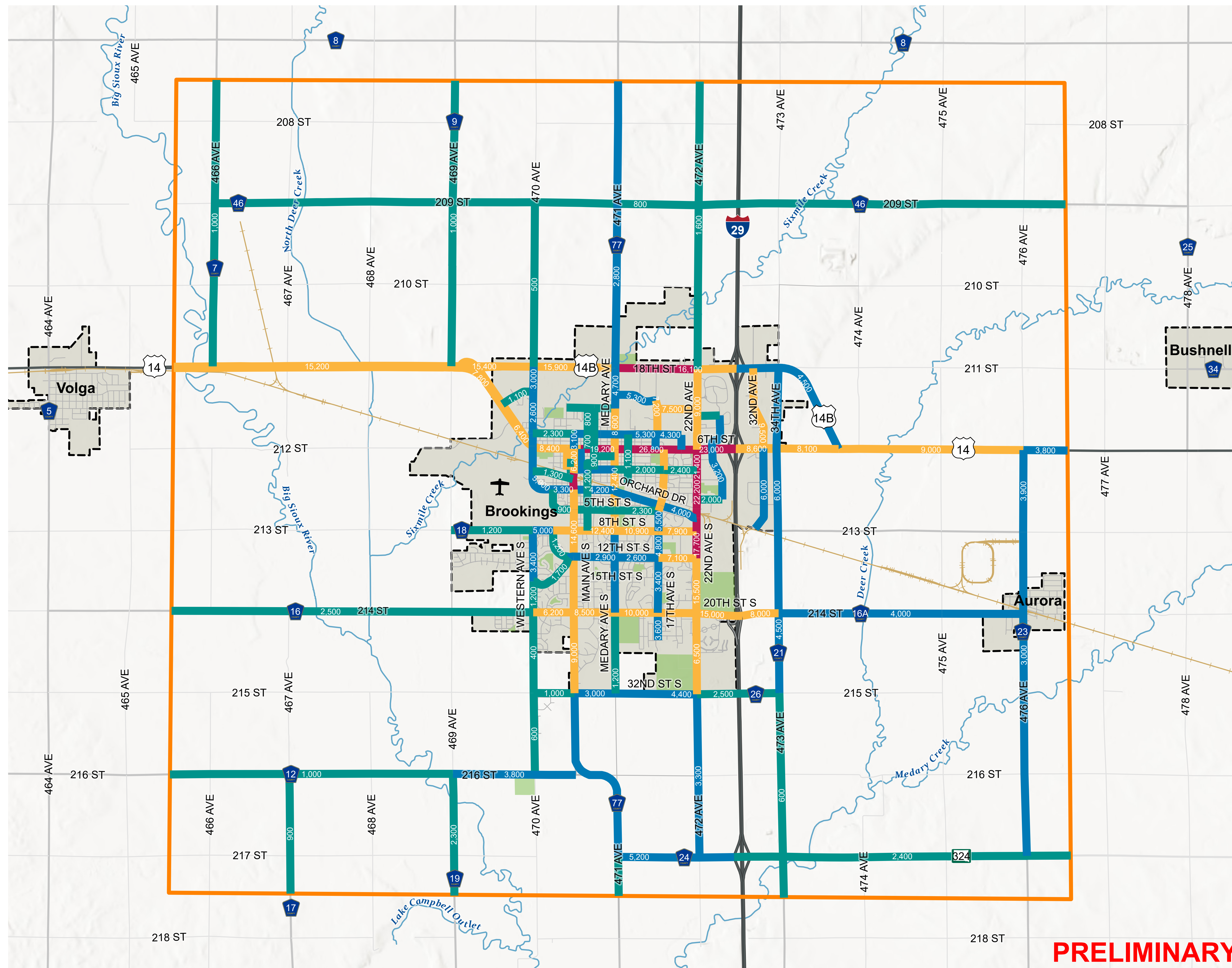
LEGEND

-  Study Area
 City Limits
 City Park & Greenspace
Existing Traffic Counts
 2,500 and Less
 2,501 - 6,000
 6,001 - 16,000
 16,001 and More







0 2 Miles



2050 PLANNING HORIZON DAILY TRAFFIC VOLUMES



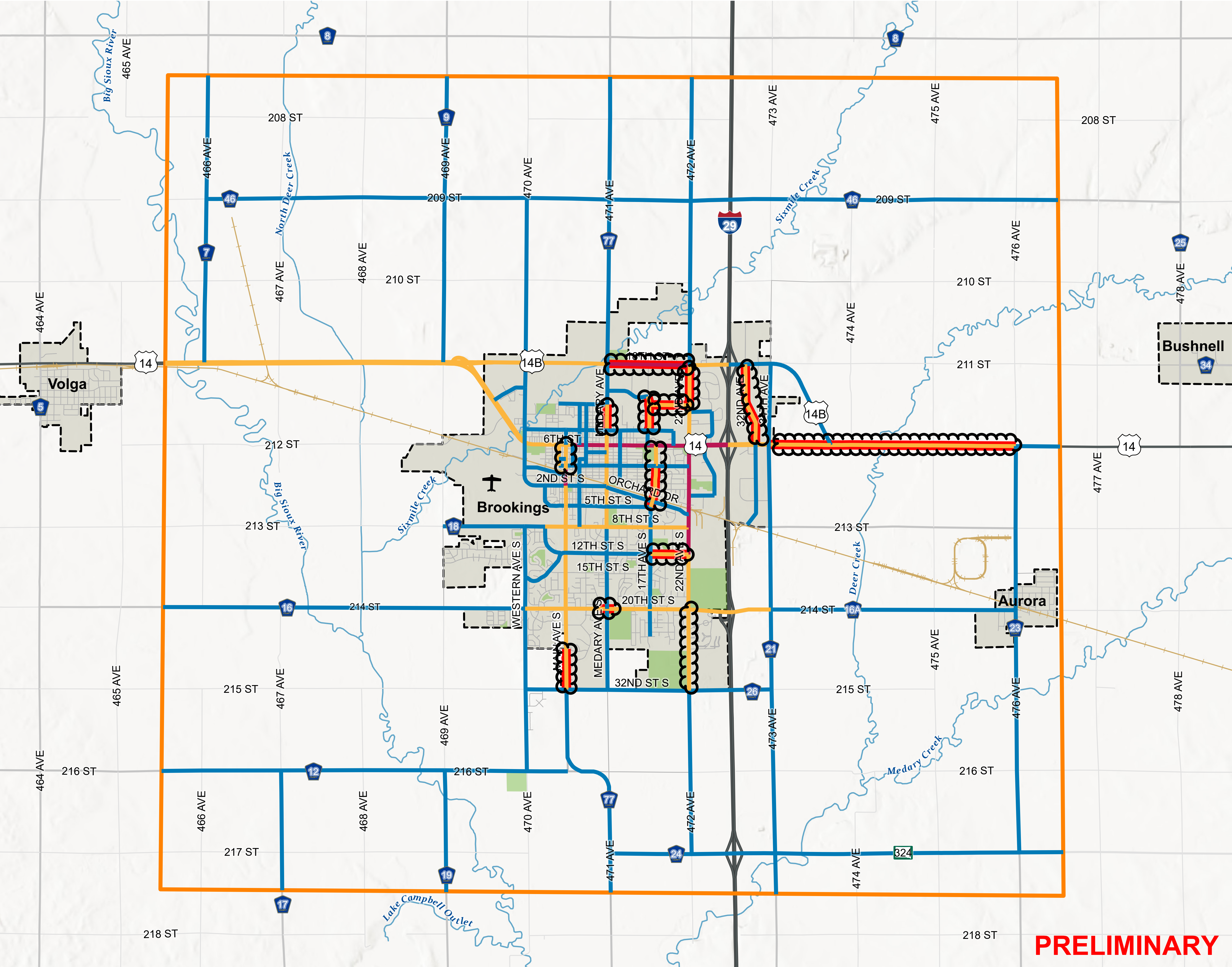
LEGEND

-  Study Area
-  City Limits
-  City Park & Greenspace
- 2050 Planning Horizon Counts
-  2,500 and Less
-  2,501 - 6,000
-  6,001 - 16,000
-  16,001 and More

0 2 Miles



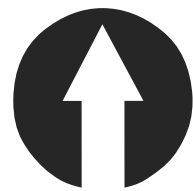
LONG-RANGE (2050) ROADWAY SEGMENT CAPACITY NEEDS



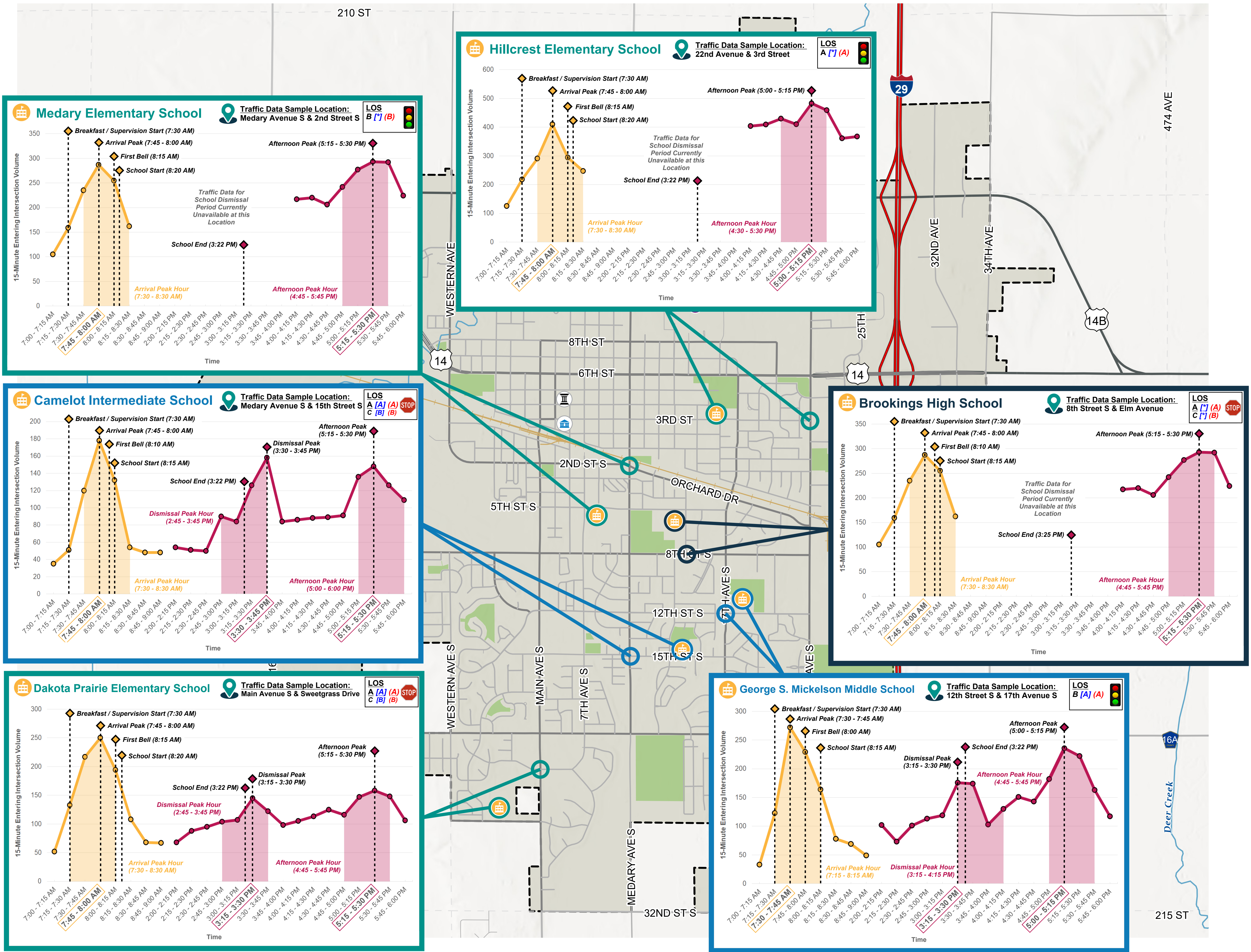
LEGEND

- Study Area
- City Limits
- City Park & Greenspace
- Estimated Minimum Number of Lanes
(based on Daily Traffic Forecasts)
 - 2 Lanes
 - 3 Lanes
 - 4 / 5 Lanes
- Improvements Needed
(Indicates estimated number of lanes exceeds existing number of lanes)

0 2 Miles



SCHOOL AREA TRAFFIC TRENDS



LEGEND

- City Limits
- City Park & Greenspace
- City-County Government Center
- Children's Museum
- School
- SDSU Campus

School Arrival & Dismissal Traffic

Key School Day Events

- Arrival / Morning
- Dismissal / Afternoon

Traffic

- 15-Min Entering Intersection Traffic Volumes
- 1-Hour Peak Traffic Period

2024 Existing Peak Hour Traffic Volumes

AM / School Arrival

[School Dismissal]

(PM / Afternoon)

2024 Existing Traffic Control & Level of Service (LOS)

A / [B] / (C) Traffic Signal

Two-Way Stop Control (Stop Signs)

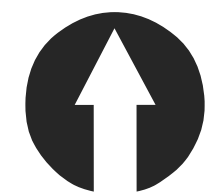
A / [B] / (C) - Overall Intersection
A / [B] / (C) - Worst-case Approach

* Data unavailable

NOTE

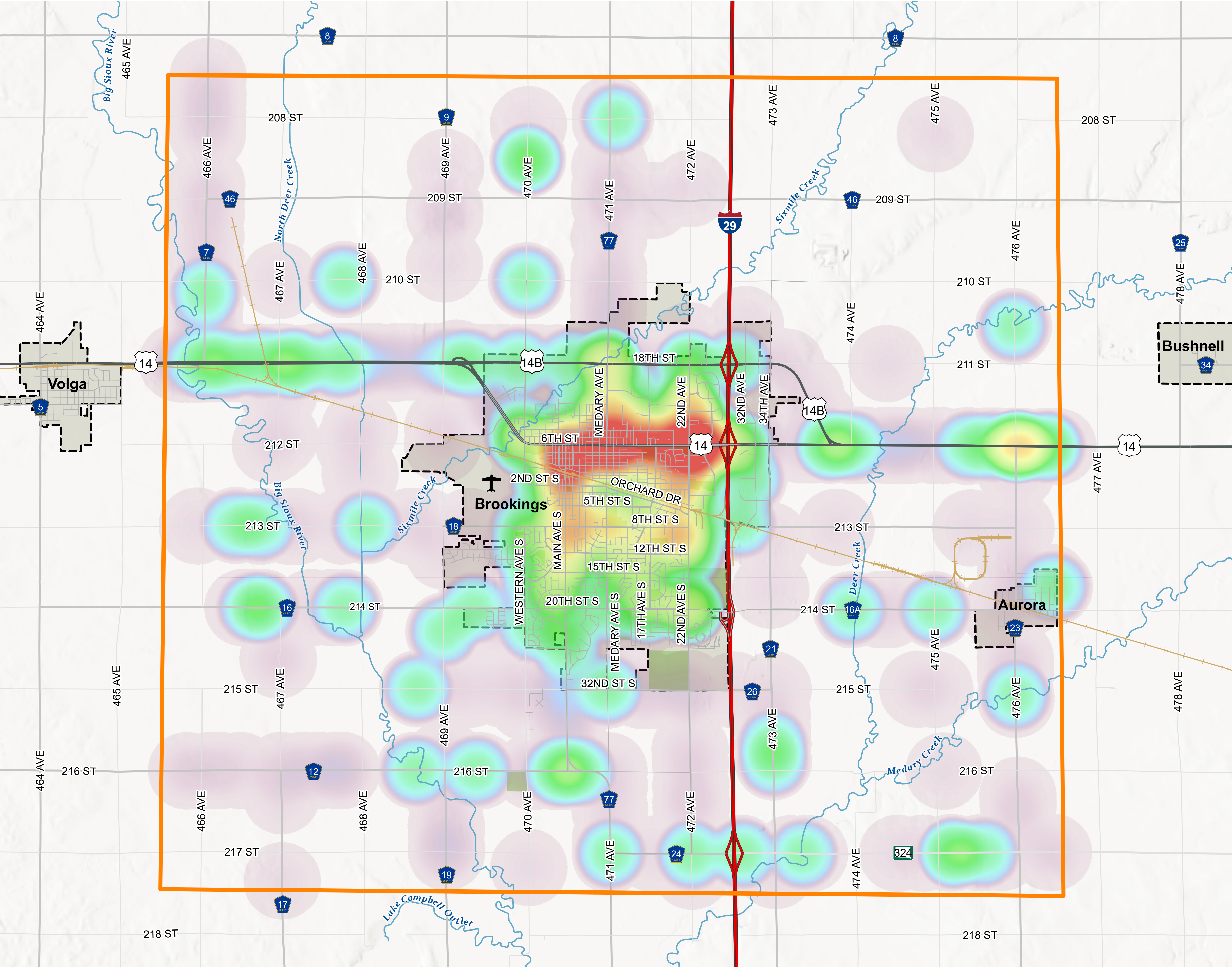
School area traffic trends reflect best currently available data at intersections near each Brookings area school.

0 2 Miles



WEIGHTED CRASH DENSITY

JANUARY 2019 – JUNE 2024 | BROOKINGS ATP STUDY AREA



LEGEND

- Study Area
- City Limits
- City Park & Greenspace
- Weighted Crash Density
 - High
 - Low

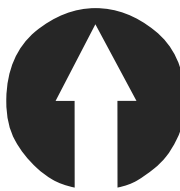
Injury Severity	Crashes		Persons Involved	
FATAL INJURY	4	<1%	4	<1%
SERIOUS INJURY	17	1%	23	1%
MINOR INJURY	105	7%	129	5%
POSSIBLE INJURY	133	9%	165	7%
NO INJURY	945	65%	1,912	76%
WILD ANIMAL HIT	240	17%	235	9%
OTHER	3	<1%	55	2%
TOTAL	1,447		2,369	

Crash and persons involved frequencies reflect those reported within City of Brookings limits (except along I-29 mainline and ramp segments and locations that were reconstructed during the observation period).

NOTE

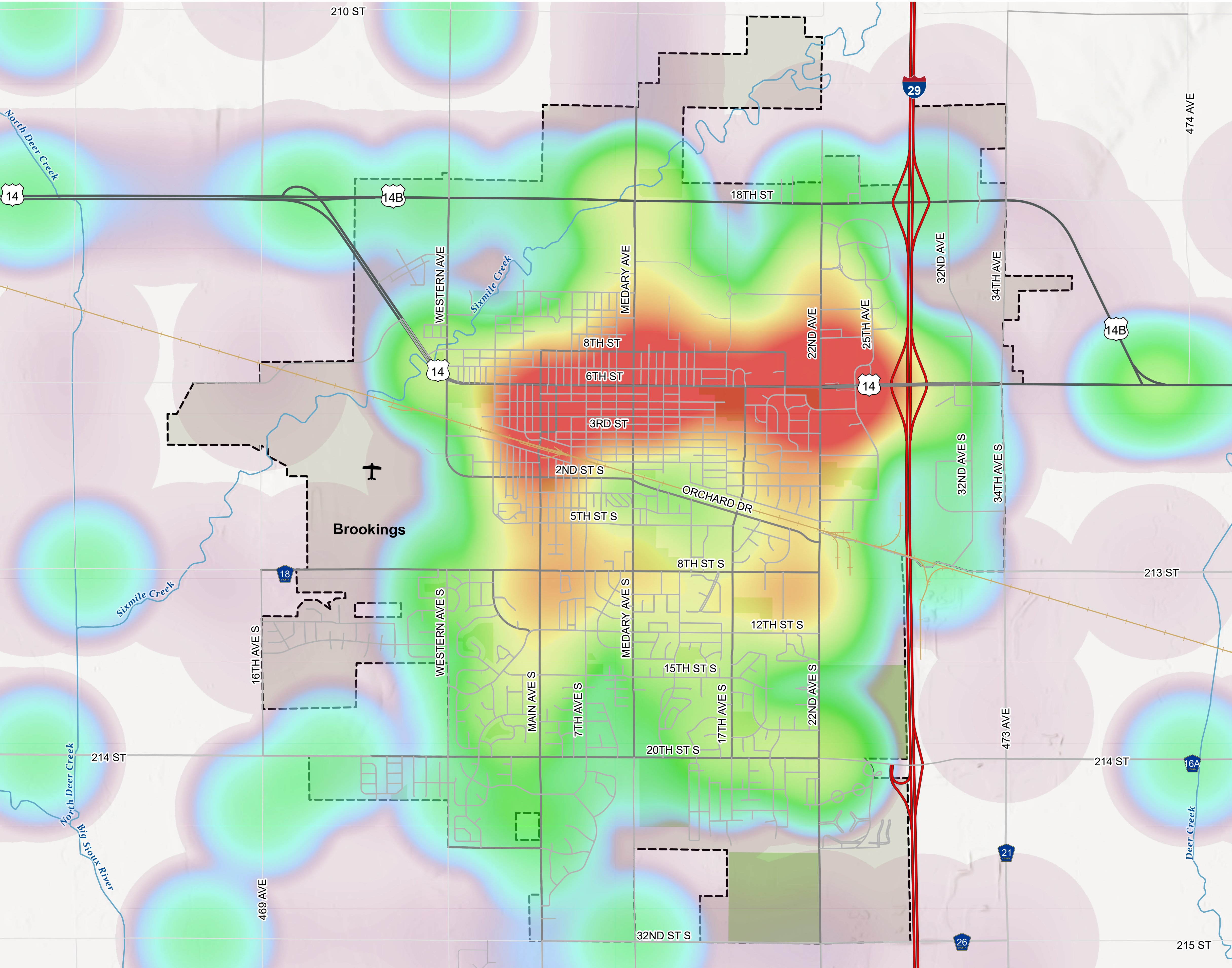
Weighted crash density accounts for crash frequency and severity by applying weighting factors related to injury severity.

0 2 Miles



WEIGHTED CRASH DENSITY

JANUARY 2019 – JUNE 2024 | CITY OF BROOKINGS



LEGEND

- City Limits
- City Park & Greenspace
- Weighted Crash Density**
 - High
 - Low

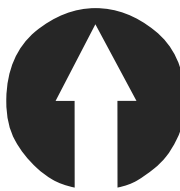
Injury Severity	Crashes		Persons Involved	
FATAL INJURY	1	<1%	1	<1%
SERIOUS INJURY	11	1%	12	<1%
MINOR INJURY	72	7%	86	4%
POSSIBLE INJURY	121	12%	141	7%
NO INJURY	780	76%	1,668	84%
WILD ANIMAL HIT	38	4%	38	2%
OTHER	3	<1%	51	3%
TOTAL	1,026		1,997	

Crash and persons involved frequencies reflect those reported within City of Brookings limits (except along I-29 mainline and ramp segments and locations that were reconstructed during the observation period).

NOTE

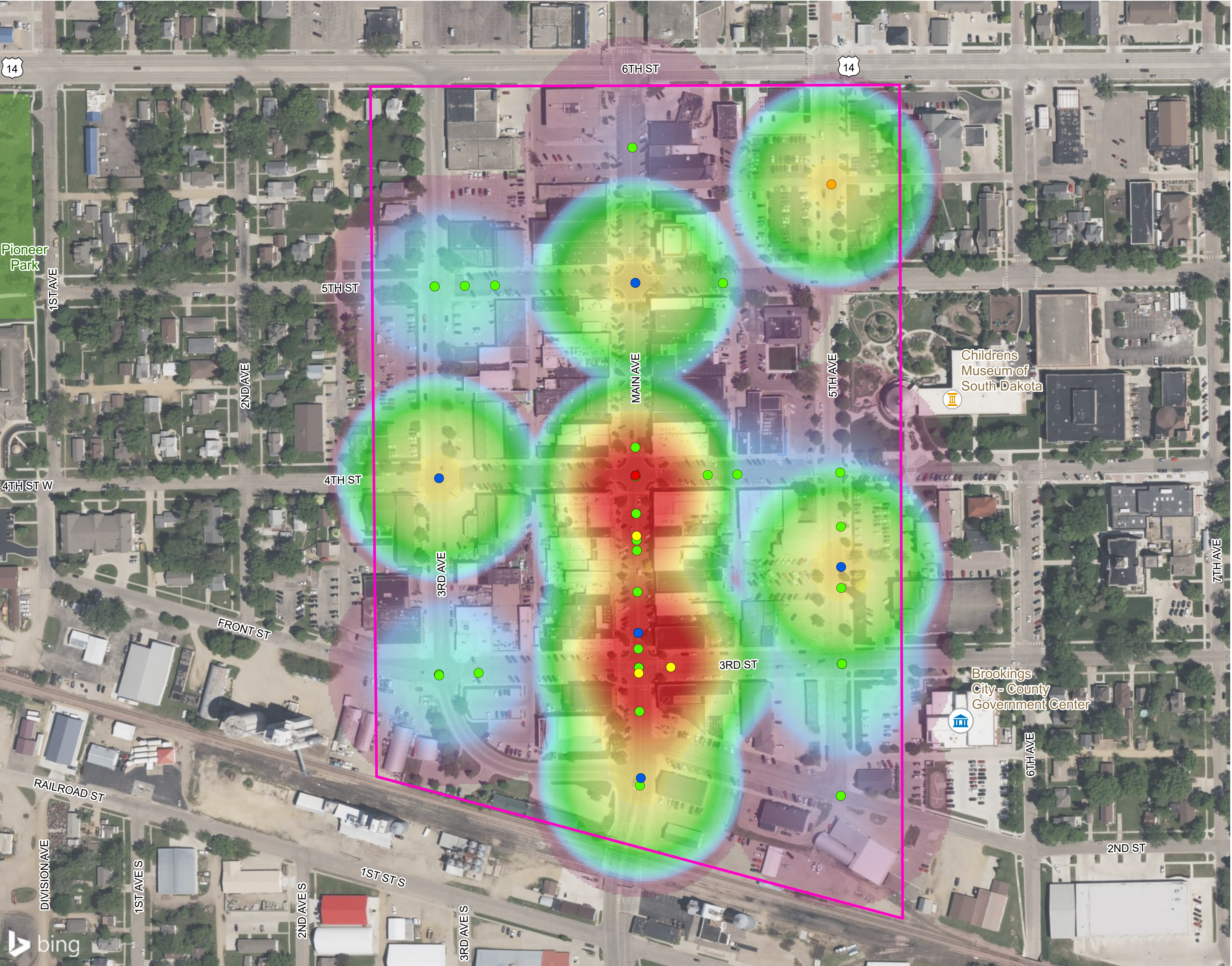
Weighted crash density accounts for crash frequency and severity by applying weighting factors related to injury severity.

0 2 Miles



WEIGHTED CRASH DENSITY

JANUARY 2019 – JUNE 2024 | DOWNTOWN BROOKINGS



LEGEND

Downtown Study Area

City Park & Greenspace

Injury Severity

Fatal

Serious

Minor

Possible

No Injury

Weighted Crash Density

High

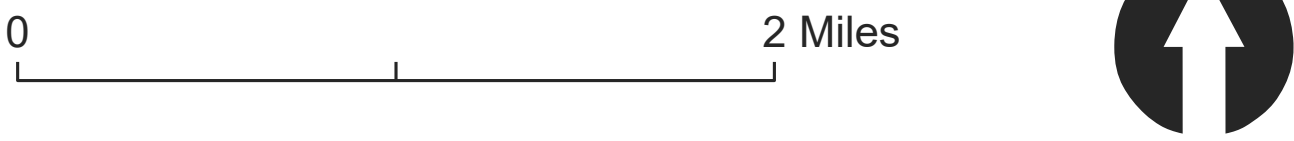
Low

Injury Severity	Crashes		Persons Involved	
FATAL INJURY	1	2%	2	2%
SERIOUS INJURY	1	2%	2	2%
MINOR INJURY	3	6%	7	7%
POSSIBLE INJURY	5	10%	12	12%
NO INJURY	39	80%	79	77%
WILD ANIMAL HIT	0	0%	0	0%
OTHER	0	0%	0	0%
TOTAL	49		102	

Crash and persons involved frequencies reflect those reported within the Downtown Brookings study area (except locations with traffic control changes during the observation period).

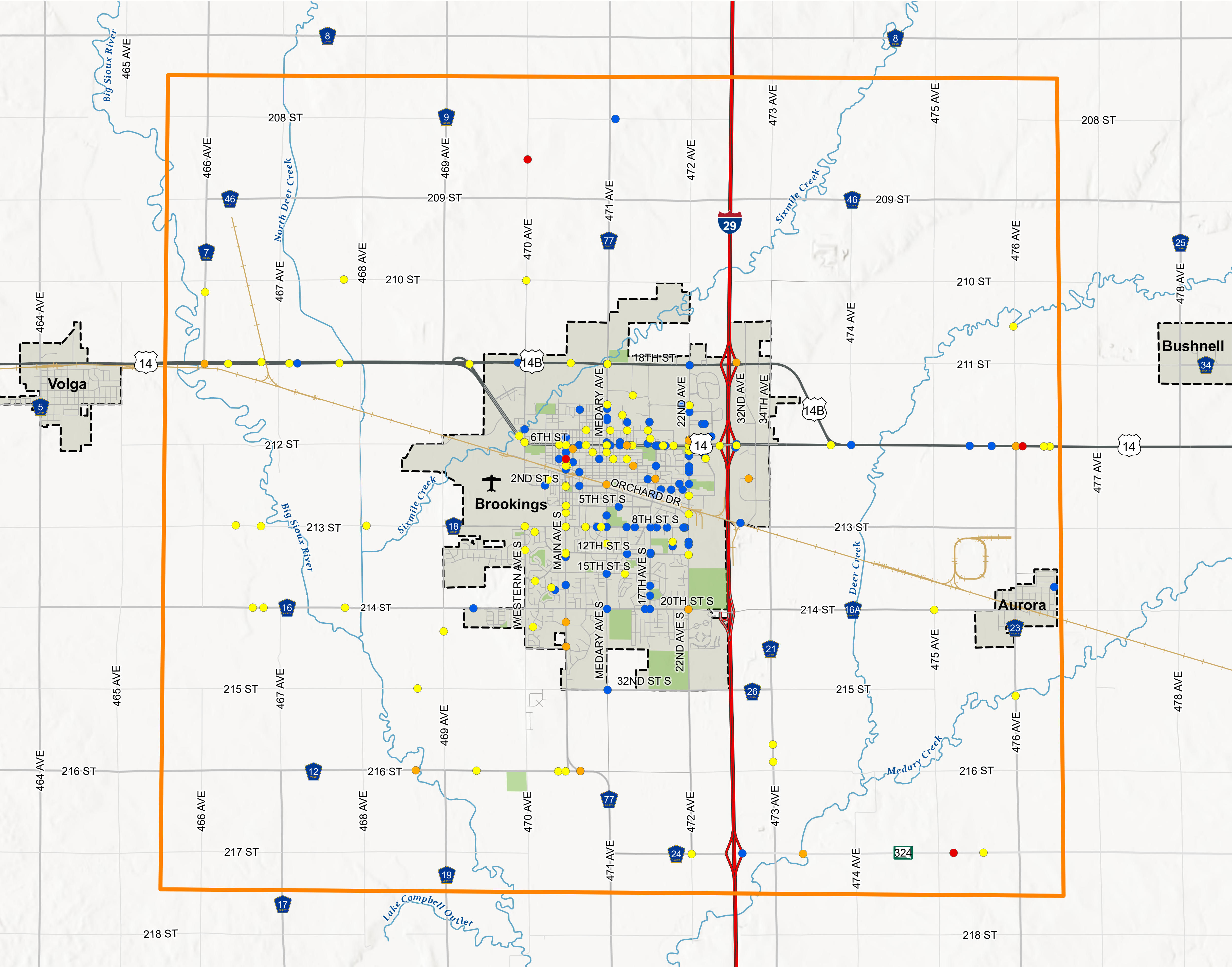
NOTE

Weighted crash density accounts for crash frequency and severity by applying weighting factors related to injury severity.



INJURY CRASHES

JANUARY 2019 – JUNE 2024 | BROOKINGS ATP STUDY AREA



LEGEND

- Study Area
- City Limits
- City Park & Greenspace
- Injury Severity**
 - Fatal
 - Serious
 - Minor
 - Possible

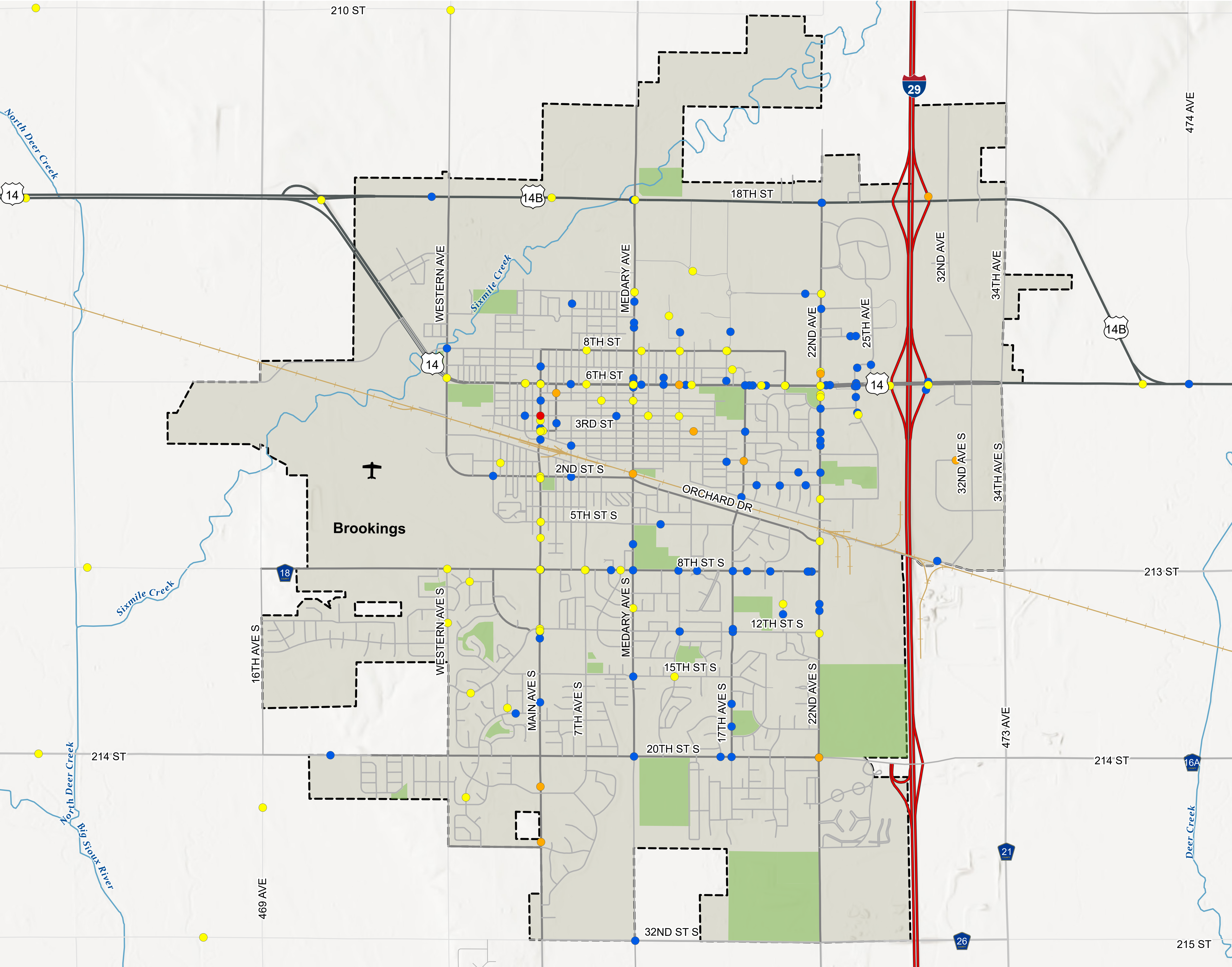
Injury Severity	Crashes		Persons Involved	
	Count	Percentage	Count	Percentage
FATAL INJURY	4	1%	4	1%
SERIOUS INJURY	17	7%	23	7%
MINOR INJURY	105	41%	129	40%
POSSIBLE INJURY	133	51%	165	52%
TOTAL	259		321	

Injury crash (a crash that results in an injury) and persons involved frequencies reflect those reported within the Brookings ATP study area (except along I-29 mainline and ramp segments and locations that were reconstructed during the observation period).



INJURY CRASHES

JANUARY 2019 – JUNE 2024 | CITY OF BROOKINGS



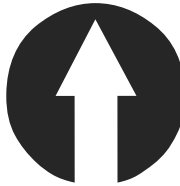
LEGEND

- City Limits
- City Park & Greenspace
- Injury Severity**
 - Fatal
 - Serious
 - Minor
 - Possible

Injury Severity	Crashes		Persons Involved	
FATAL INJURY	1	<1%	1	<1%
SERIOUS INJURY	11	5%	12	5%
MINOR INJURY	72	35%	86	36%
POSSIBLE INJURY	121	59%	141	59%
TOTAL	205		240	

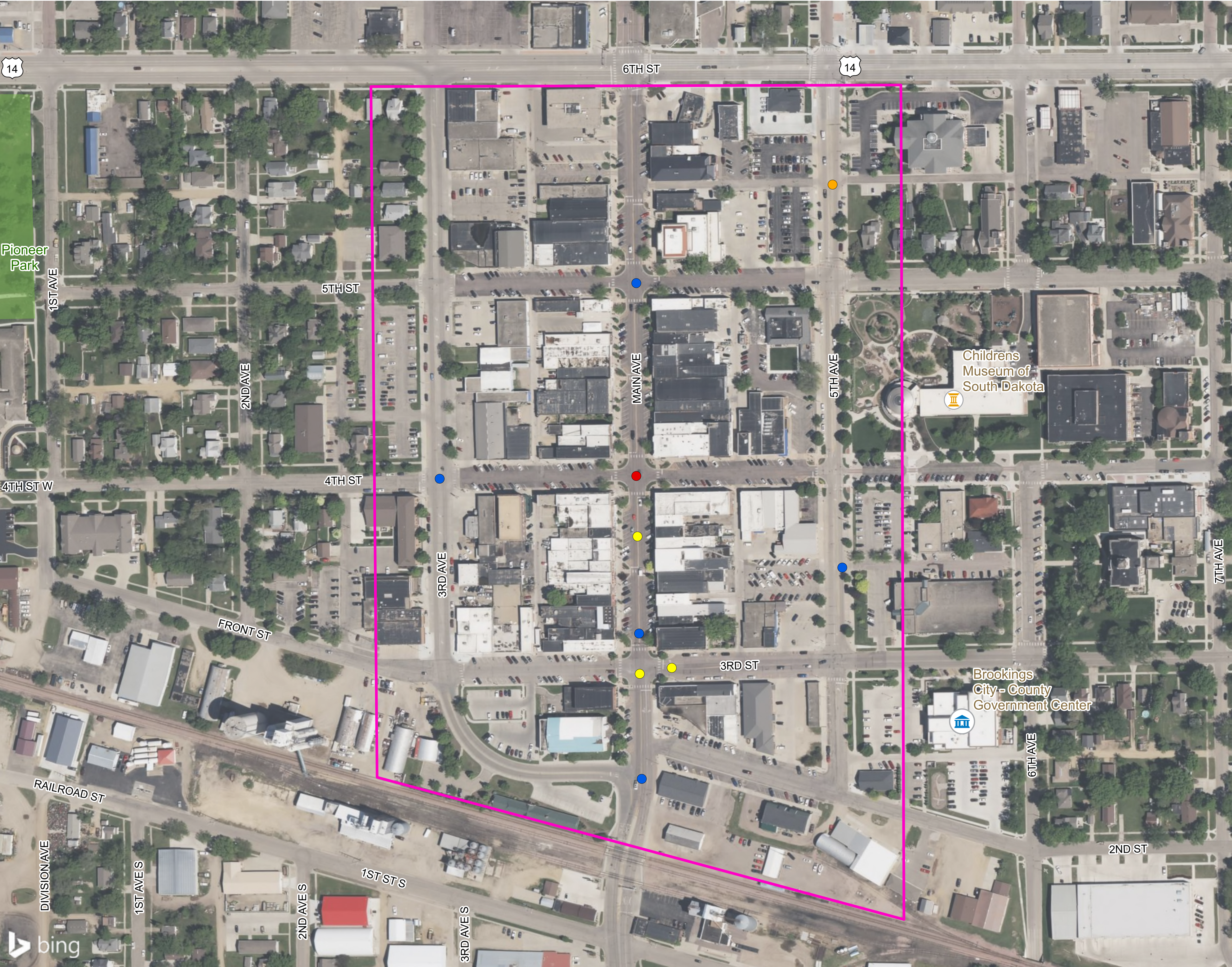
Injury crash (a crash that results in an injury) and persons involved frequencies reflect those reported within City of Brookings limits (except along I-29 mainline and ramp segments and locations that were reconstructed during the observation period).

0 2 Miles



INJURY CRASHES

JANUARY 2019 – JUNE 2024 | DOWNTOWN BROOKINGS



LEGEND

- Downtown Study Area
- City Park & Greenspace

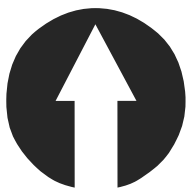
Injury Severity

- Fatal
- Serious
- Minor
- Possible

Injury Severity	Crashes		Persons Involved	
FATAL INJURY	1	2%	2	2%
SERIOUS INJURY	1	2%	2	2%
MINOR INJURY	3	6%	7	7%
POSSIBLE INJURY	5	10%	12	12%
TOTAL	10		23	

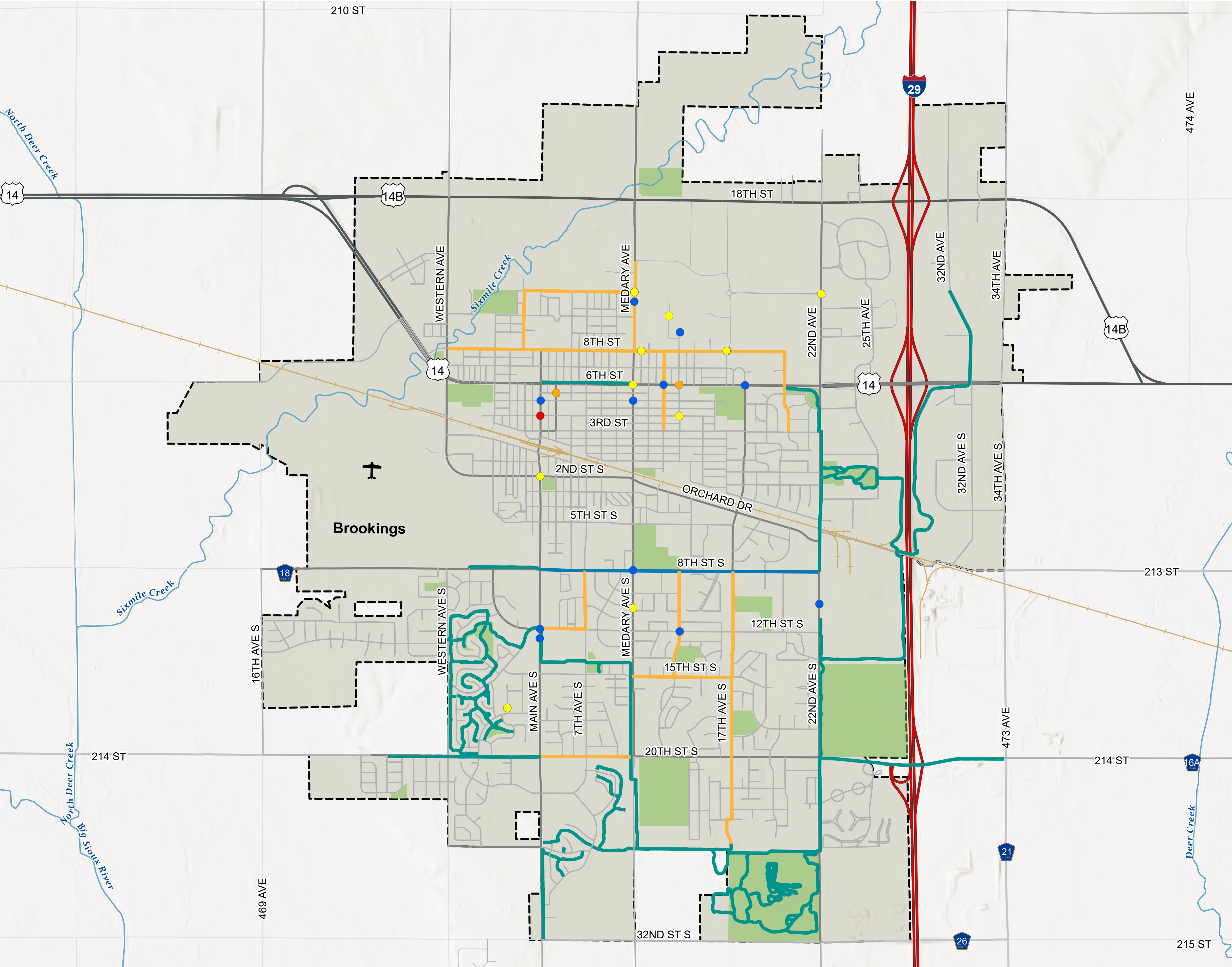
Injury crash (a crash that results in an injury) and persons involved frequencies reflect those reported within the Downtown Brookings study area (except locations with traffic control changes during the observation period).

0 2 Miles



VULNERABLE ROAD USER CRASHES

BICYCLISTS AND PEDESTRIANS | JANUARY 2019 – JUNE 2024 | CITY OF BROOKINGS



LEGEND

- City Limits
- City Park & Greenspace
- Shared-Use Path
- Bike Lane
- Shared Lane

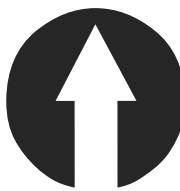
Injury Severity

- Fatal
- Serious
- Minor
- Possible
- No Injury

Injury Severity	Crashes		Persons Involved	
FATAL INJURY	1	4%	1	2%
SERIOUS INJURY	2	7%	2	4%
MINOR INJURY	12	43%	14	25%
POSSIBLE INJURY	13	46%	12	22%
NO INJURY	0	0%	26	47%
TOTAL	28		55	

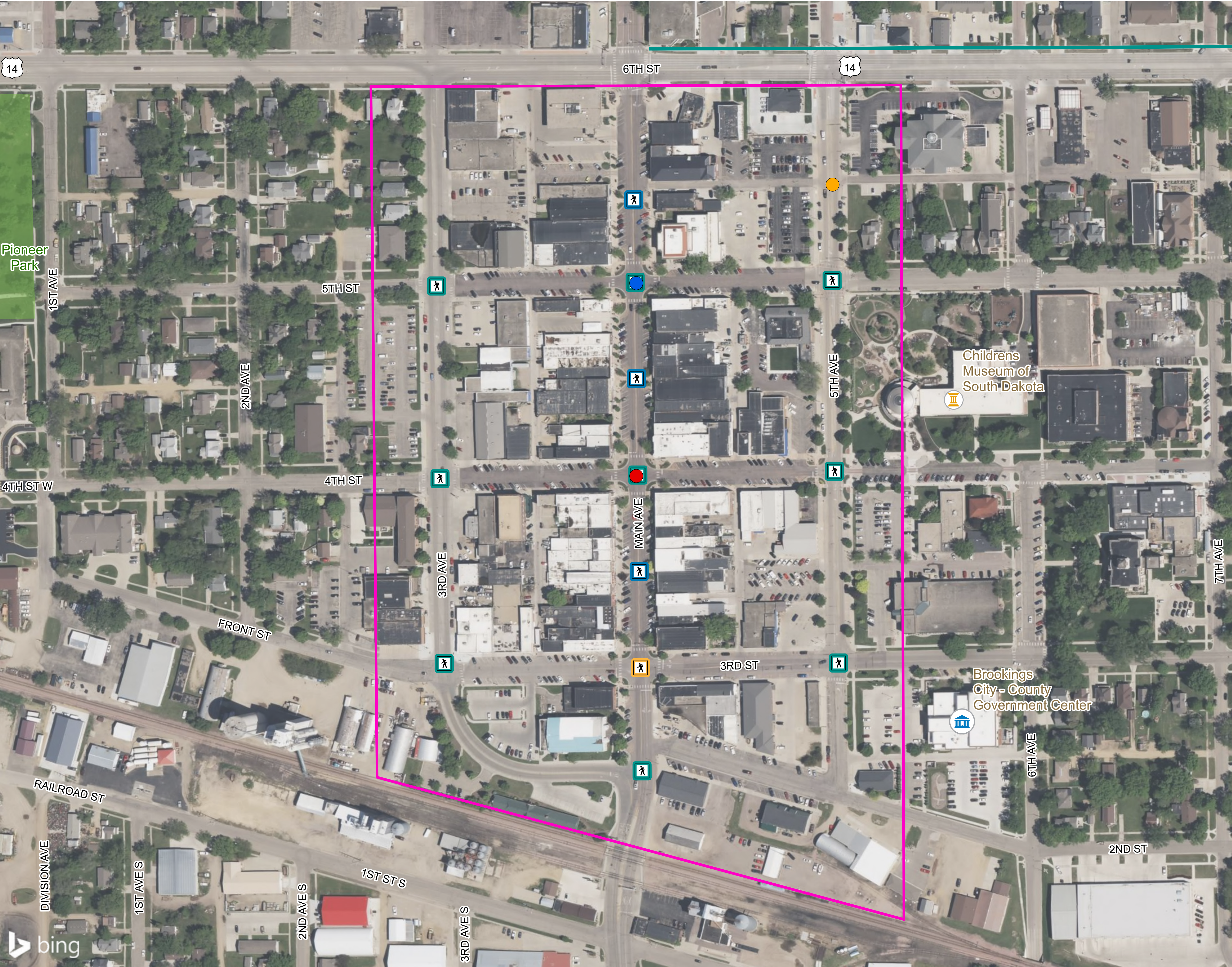
Vulnerable Road User crash and persons involved frequencies reflect those reported within the City of Brookings limits (except along I-29 mainline and ramp segments and locations that were reconstructed during the observation period)

0 2 Miles



VULNERABLE ROAD USER CRASHES

BICYCLISTS AND PEDESTRIANS | JANUARY 2019 – JUNE 2024 | DOWNTOWN BROOKINGS



LEGEND

- Downtown Study Area
- City Park & Greenspace
- Shared-Use Path
- Marked Crosswalk
- Marked and Signed Crosswalk
- Marked Crosswalk with Pedestrian Signal

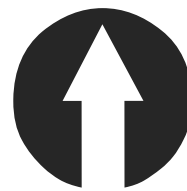
Injury Severity

- Fatal
- Serious
- Minor
- Possible
- No Injury

Injury Severity	Crashes	Persons Involved
FATAL INJURY	1	1
SERIOUS INJURY	1	1
MINOR INJURY	0	0
POSSIBLE INJURY	1	1
NO INJURY	0	3
TOTAL	3	6

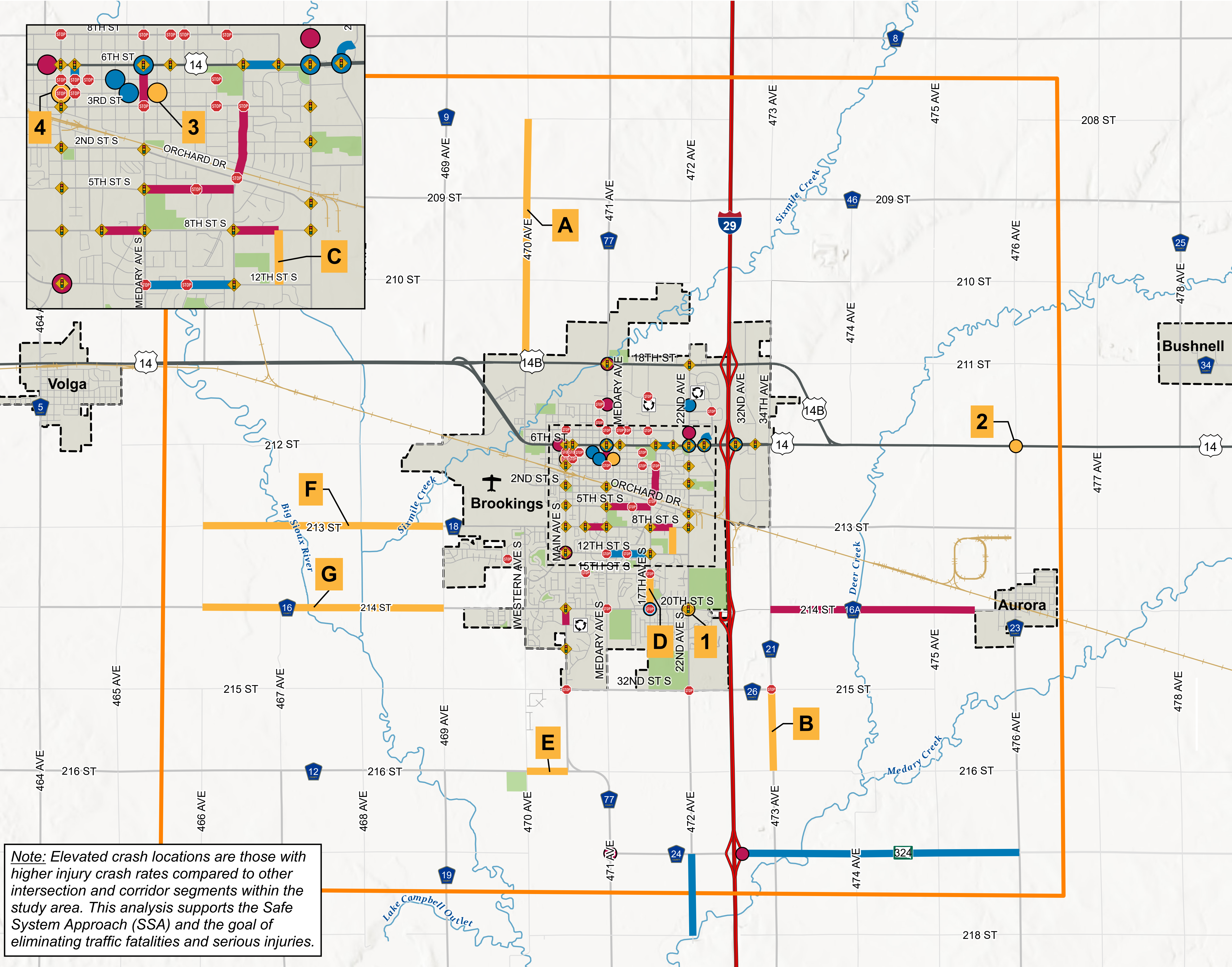
Vulnerable Road User crash and persons involved frequencies reflect those reported within the Downtown Brookings study area (except locations with traffic control changes during the observation period).

0 2 Miles



INJURY CRASH ANALYSIS

JANUARY 2019 – JUNE 2024 | TIER 1 (HIGHER PRIORITY) LOCATIONS



LEGEND

- All Way Stop-Control Intersections
- Roundabout Intersection
- Signalized Intersections

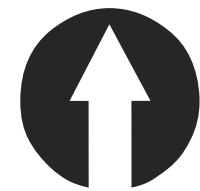
Elevated Crash Index Intersections and Segments

- Tier 1 - Higher Priority
- Tier 2 - Medium Priority
- Tier 3 - Lower Priority
- Study Area
- City Limits
- City Park & Greenspace

Intersection	ID
22nd Avenue S & 20th Street S	1
US14 & BC Hwy 23 / 476th Avenue	2
4th Street & 11th Avenue	3
Main Avenue & 4th Street	4

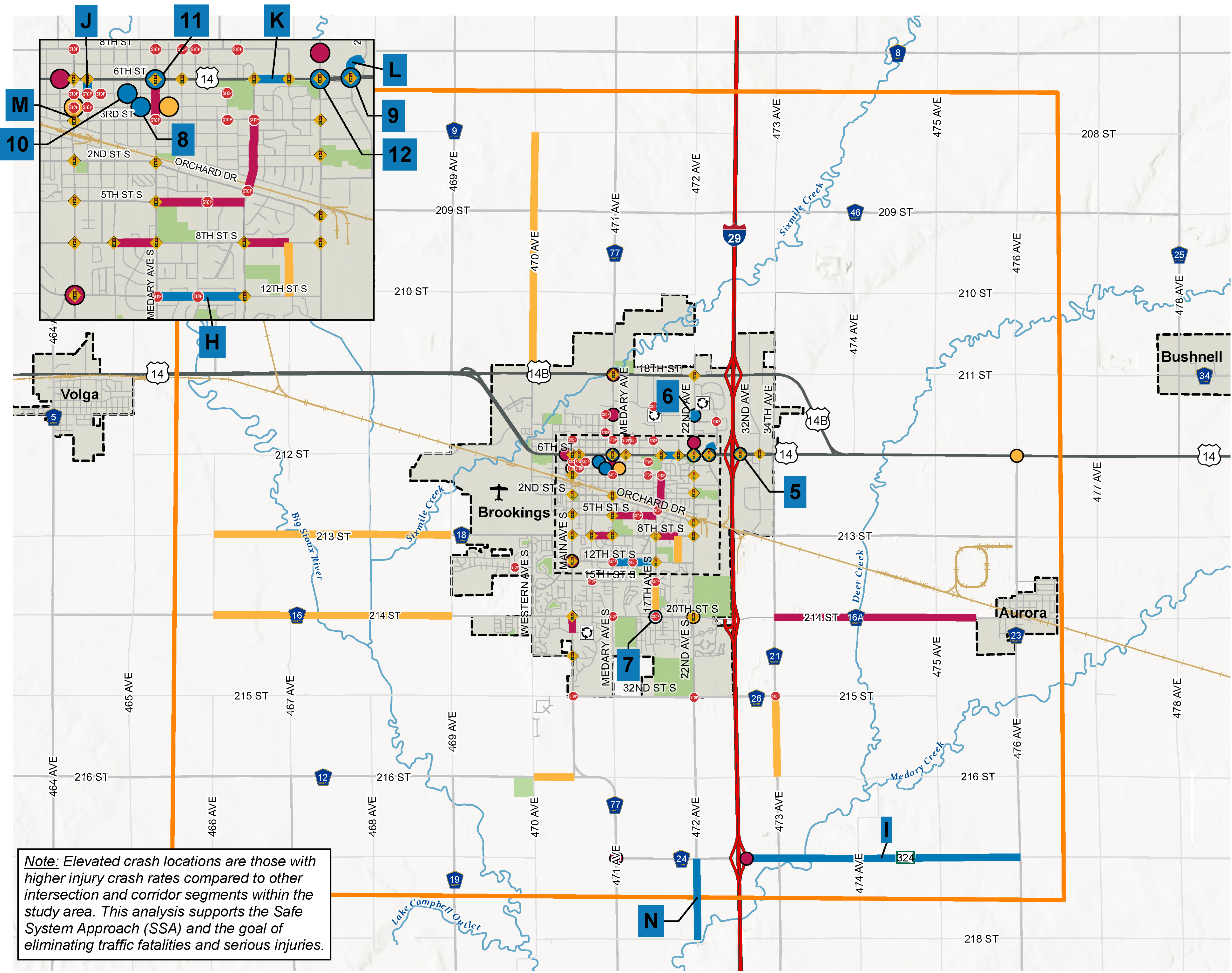
Corridor Segment	ID
470th Ave: US14 Bypass to 208th St	A
BC Hwy 21: 216th St to 32nd St S	B
Southland Ln: 8th St S to 12th St S	C
17th Ave S: 15th St S to 20th St S	D
BC Hwy 12: BC Hwy 77 to 470th Ave	E
213th St: 466th Ave to W 16th Ave	F
BC Hwy 16: 466th Ave to 469th Ave	G

0 2 Miles



INJURY CRASH ANALYSIS

JANUARY 2019 – JUNE 2024 | TIER 2 (MEDIUM PRIORITY)



LEGEND

- All Way Stop-Control Intersections
- Roundabout Intersection
- Signalized Intersections

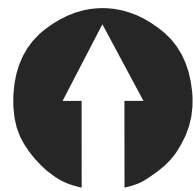
Elevated Crash Index Intersections and Segments

- Tier 1 - Higher Priority
- Tier 2 - Medium Priority
- Tier 3 - Lower Priority
- Study Area
- City Limits
- City Park & Greenspace

Intersection	ID
US14 / 6th Street & I-29 Exit 132 NB RTI	5
22nd Avenue & University Boulevard	6
20th Street S & 17th Avenue S	7
4th Street & 9th Avenue	8
US14 / 6th Street & Sunrise Ridge Road	9
5th Street & 8th Avenue	10
US14 / 6th Street & Medary Avenue	11
US14 / 6th Street & 22nd Avenue	12

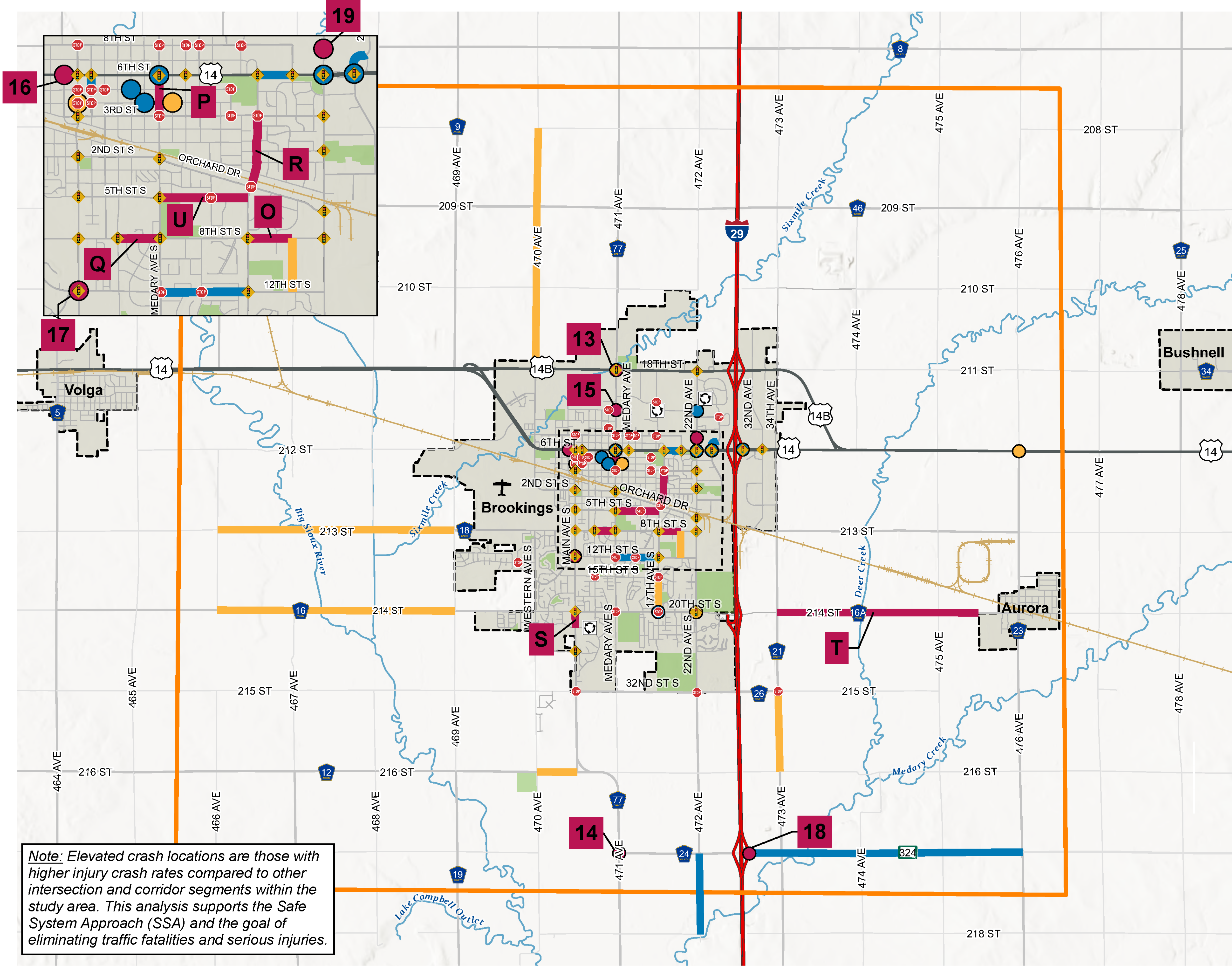
Corridor Segment	ID
12th St S: Medary Ave S to 17th Ave S	H
SD324: I-29 Exit 127 NB RTI to BC Hwy 23	I
5th Ave: US14 / 6th St to 5th St	J
US14 / 6th St: 17th Ave to 20th Ave	K
Sunrise Ridge Rd: US14 / 6th St to 25th Ave	L
Main Ave: 3rd St to 4th St	M
472nd Ave: BC Hwy 24 to 218th St	N

0 2 Miles



INJURY CRASH ANALYSIS

JANUARY 2019 – JUNE 2024 | TIER 3 (LOWER PRIORITY) LOCATIONS



LEGEND

- All Way Stop-Control Intersections
- Roundabout Intersection
- Signalized Intersections

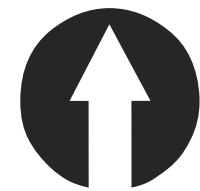
Elevated Crash Index Intersections and Segments

- Tier 1 - Higher Priority
- Tier 2 - Medium Priority
- Tier 3 - Lower Priority
- Study Area
- City Limits
- City Park & Greenspace

Intersection	ID
US14 Bypass / 18th Street & Medary Avenue	13
BC Hwy 77 & BC Hwy 24	14
Medary Avenue & 11th Street	15
US14 / 6th Street & 3rd Avenue	16
12th Street S & Main Avenue S	17
SD324 & I-29 Exit 127 NB RTI	18
22nd Avenue & South Wal-Mart Access	19

Corridor Segment	ID
8th St S: Southland Ln to 17th Ave S	O
Medary Ave: 3rd St to US14 / 6th St	P
8th St S: Medary Ave S to 7th Ave S	Q
17th Ave: 3rd St to Orchard Dr	R
Main Ave S: Sweetgrass Dr to 20th St S	S
BC Hwy 16A: BC Hwy 21 to Aurora limits	T
5th St S: Medary Ave S to 17th Ave S	U

0 2 Miles

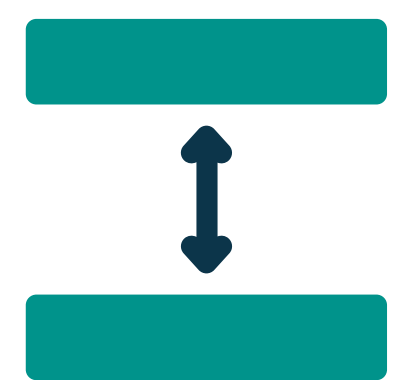


BICYCLE AND PEDESTRIAN ISSUES AND NEEDS

Please provide comments on where you see transportation issues and needs related to bicycle and pedestrian mobility and safety, such as:



Future trail connections and extensions



Gaps in sidewalk

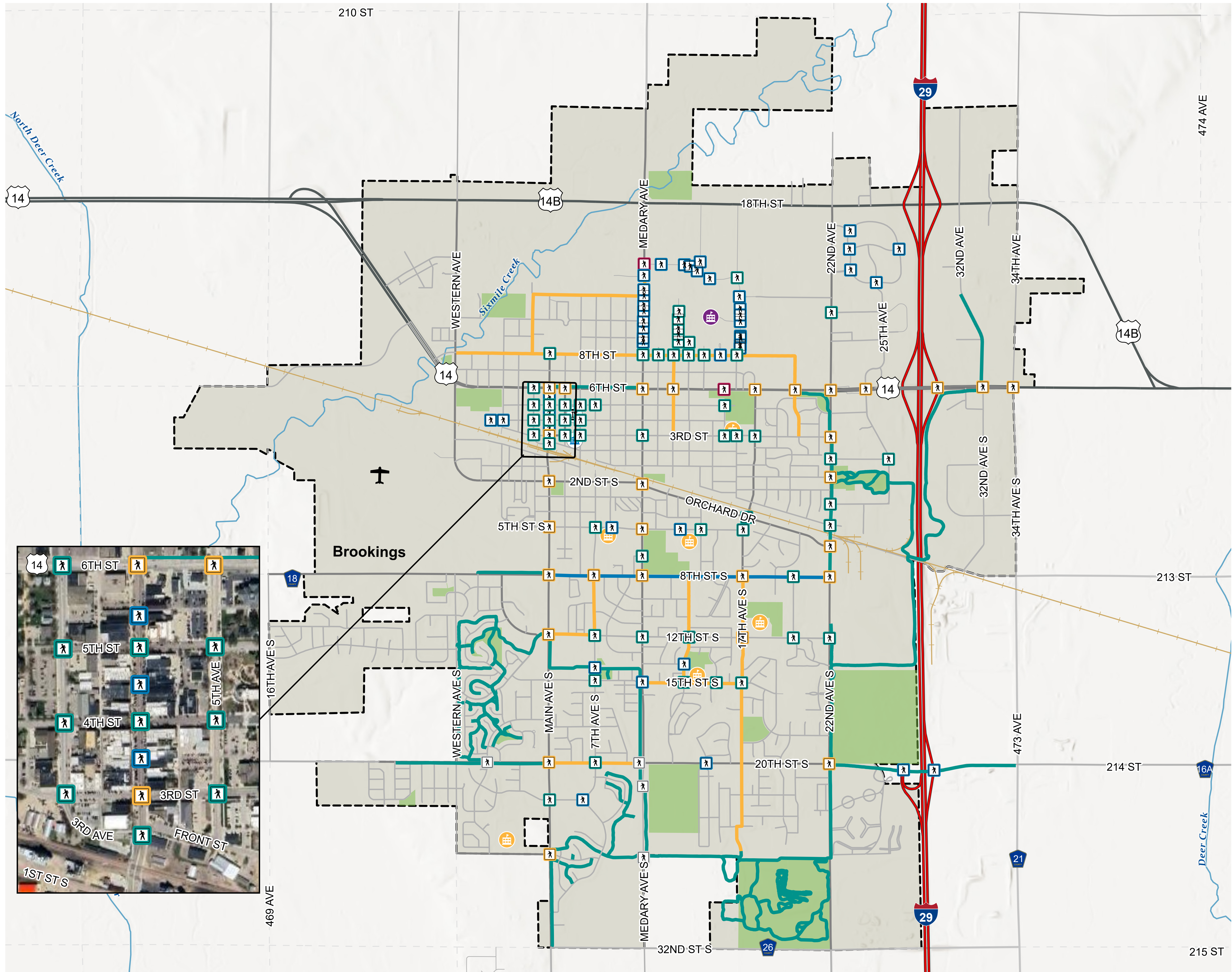


Sidewalk width or obstacles



Street crossing improvements

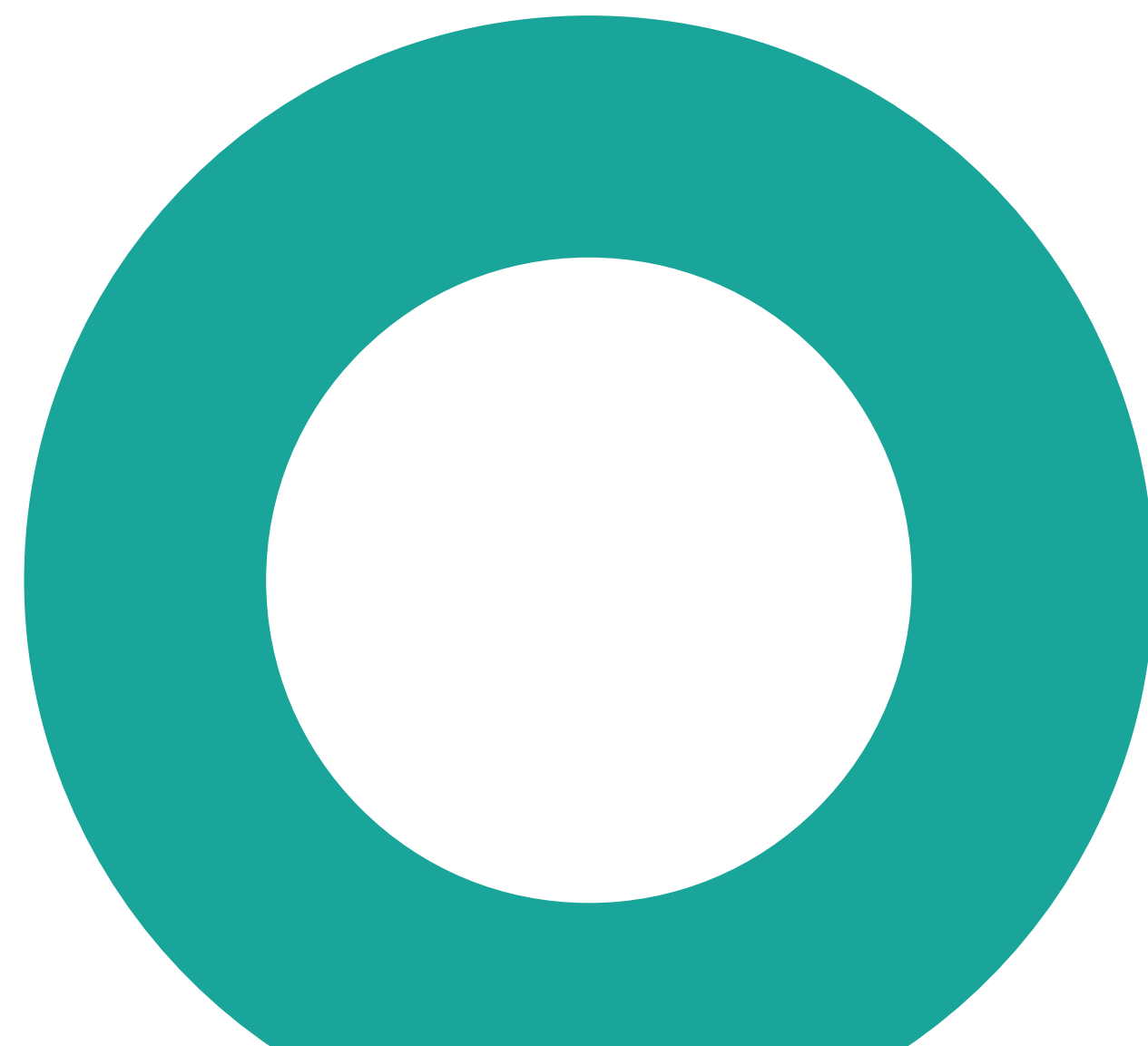
EXISTING BICYCLE AND PEDESTRIAN FACILITIES



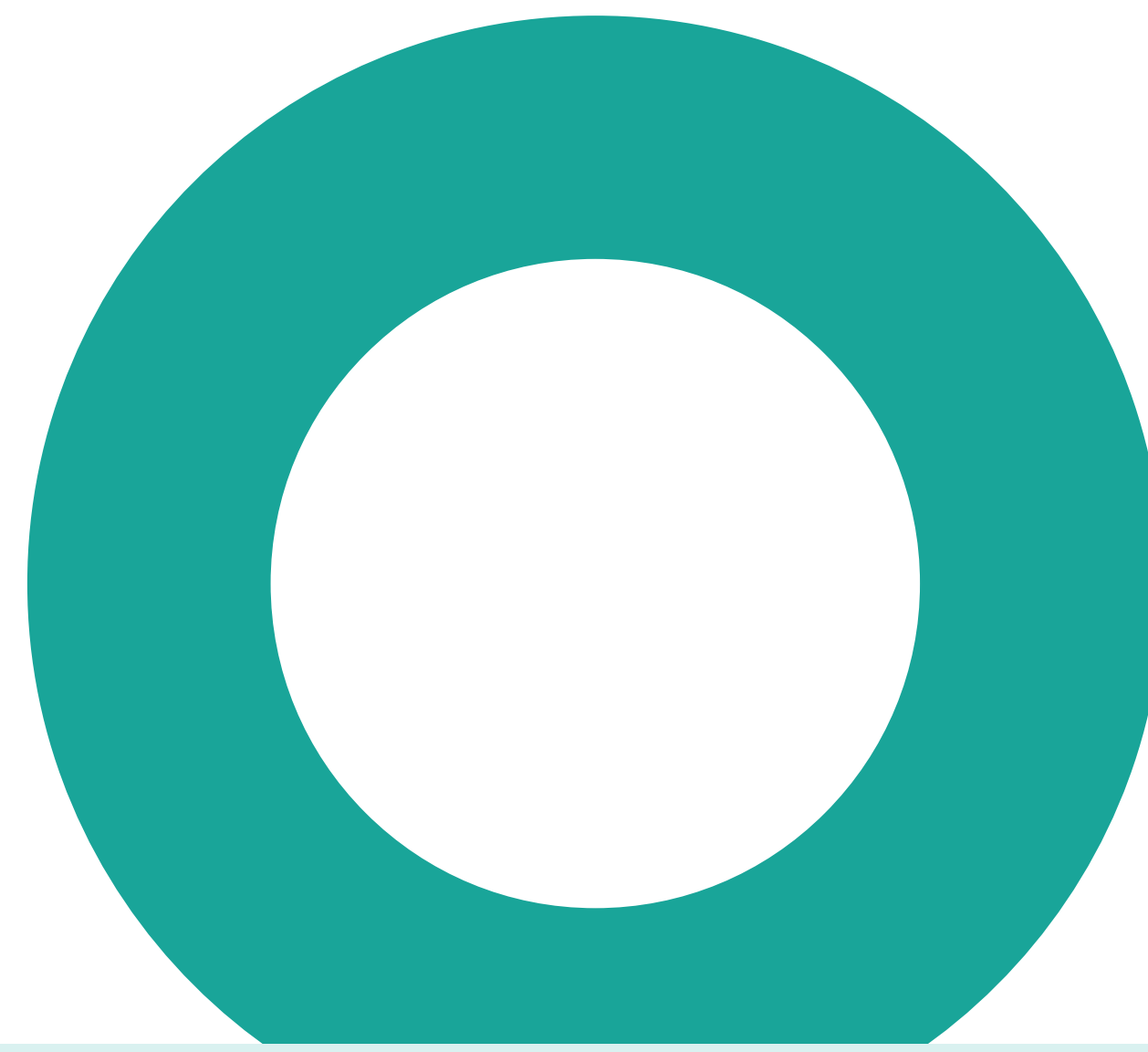
FUNDING PRIORITIES



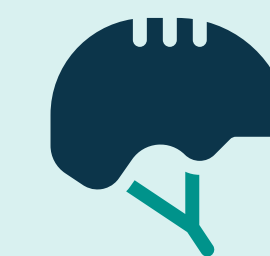
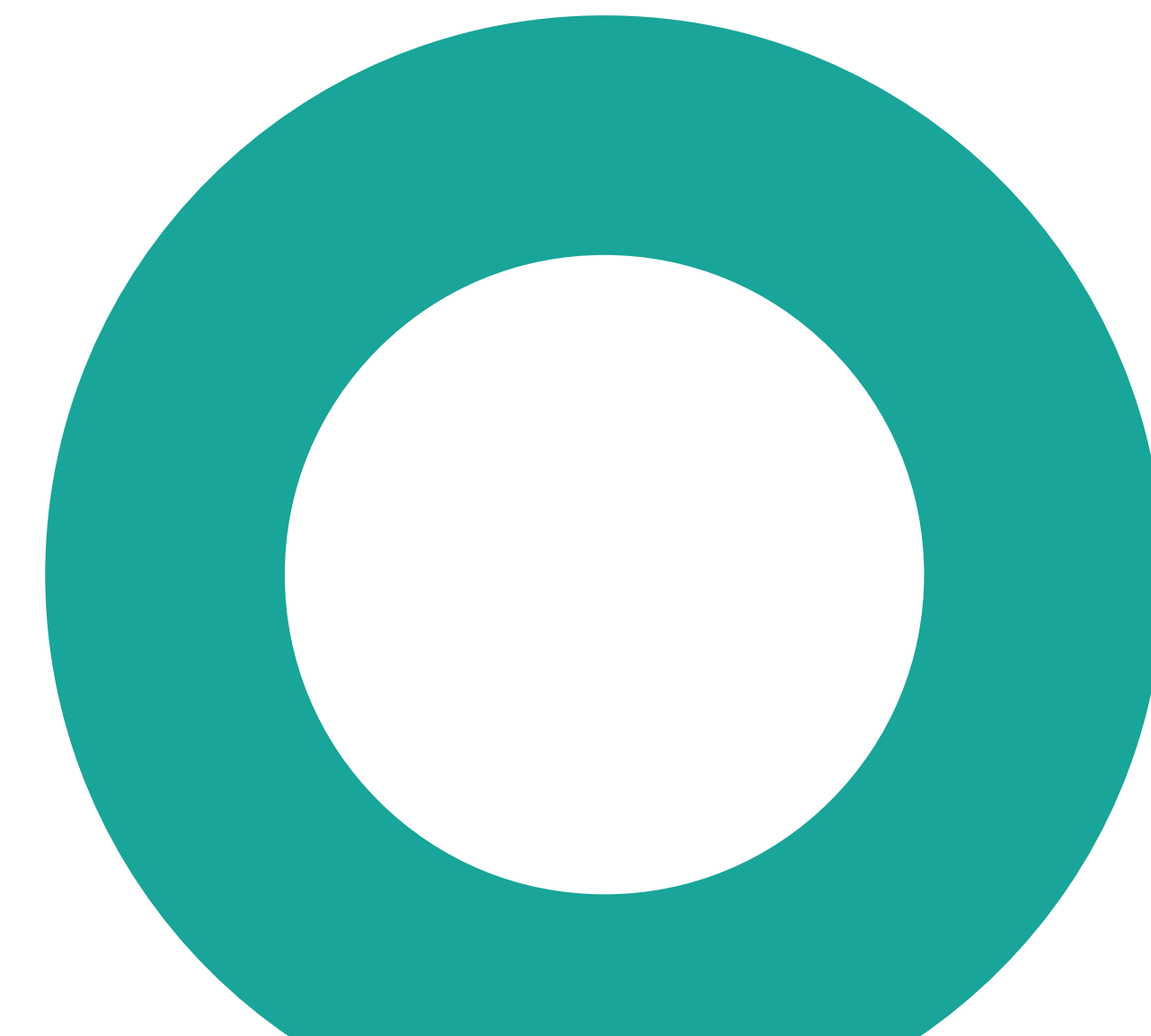
WHAT ACTIVITIES WOULD YOU INVEST IN?



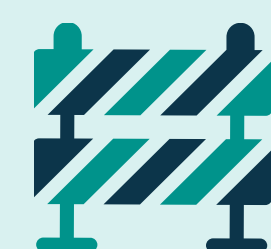
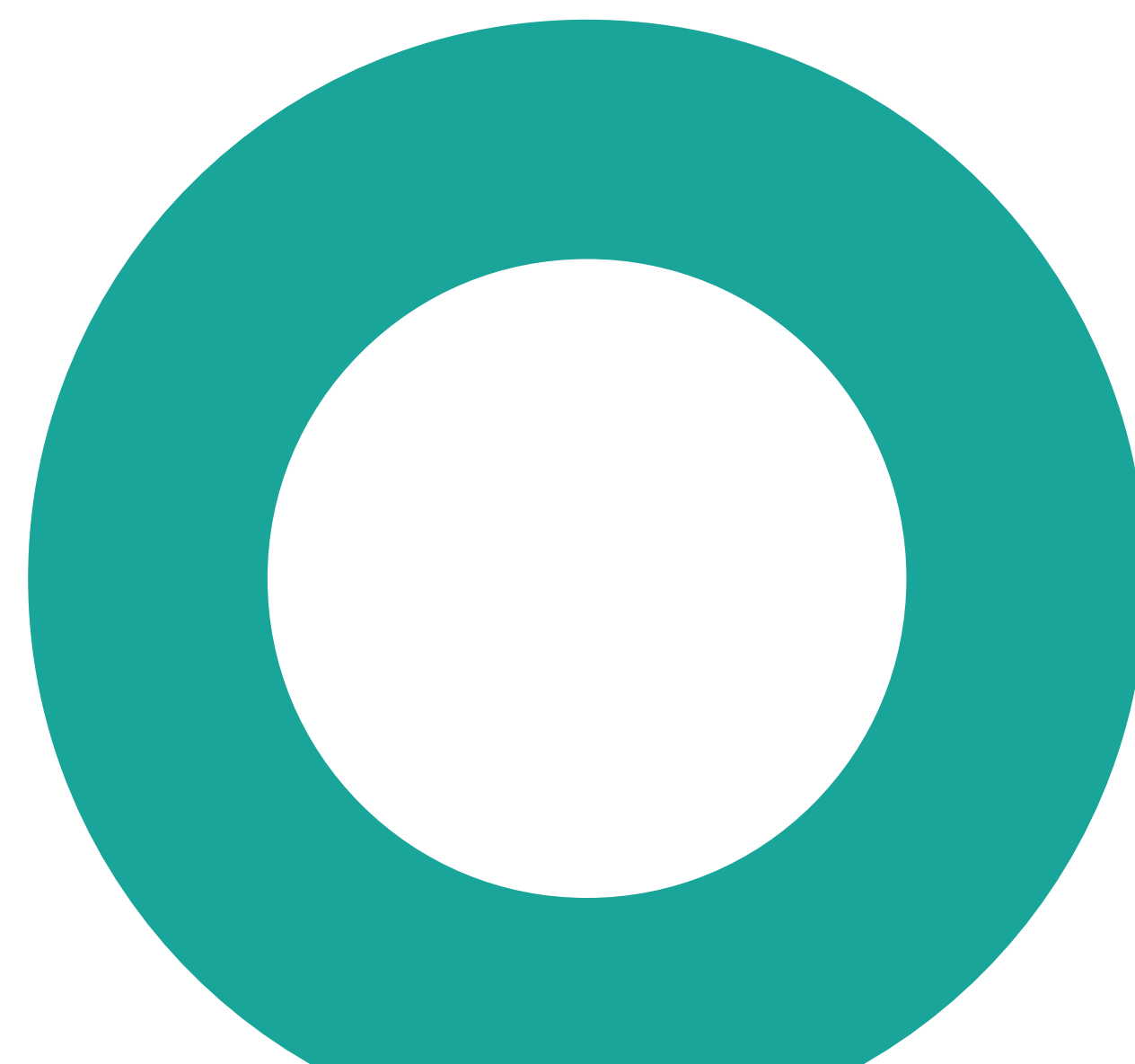
Capacity Improvements
Existing Streets



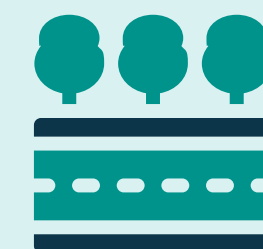
Safety Enhancements
Existing Streets



Bicycle/Pedestrian Enhancements



**Street Preservation/
Maintenance**



Streetscaping

TRAVEL SURVEY



BROOKINGS
AREA TRANSPORTATION PLAN

TRAVEL SURVEY

Please take the travel survey to help us better understand transportation issues and needs throughout the Brookings area and your goals for this study!



IF YOU WOULD LIKE TO COMPLETE THIS **SURVEY DIGITALLY**, PLEASE **SCAN THIS QR CODE** WITH YOUR SMARTPHONE.