



Eagles Elementary

3502 S University Drive, Fargo, ND 58104

DISTRICT

Fargo Public School
District #1

GRADES

K-5

AVERAGE ENROLLMENT

354

ARRIVAL

8:20 a.m.

DISMISSAL

2:42 p.m.

Existing Conditions

Eagles Elementary is a kindergarten through 5th grade school in the Fargo Public School District. It is located approximately 3.5 miles southeast of Downtown Fargo in the city's River Drive neighborhood. The neighborhood contains a mix of residential single- and multifamily, and commercial land uses. Within the Eagles boundaries, the per capita incomes and median household incomes are higher than the district average. More than 37 percent of students are eligible for free and reduced lunch programs. Nearly eight percent of students participate in English Language Learners programs.

The Eagles school facility was constructed in 2016. The campus is bound by University Drive S to the west, 35th Avenue S to the north, Eagle Park Drive to the east, and Elim Rehab and Care Center to the south. Eagles students and families who currently walk and bike to school face challenges when crossing University Drive S due to it being a

major arterial street with high traffic volumes and high speeds. In addition, 35th Avenue S is another high traffic street as it is a collector roadway for the neighborhoods to the east. To the west and south, the school is surrounded by residential and commercial buildings. There is a designated school speed zone along University Drive S from north of 35th Avenue S to north of 37th Avenue S. The University Drive S and 35th Avenue S intersection is controlled with a traffic signal, providing a protected pedestrian crossing. There are limited sidewalk connections between the campus and the multifamily housing to the east and southeast.

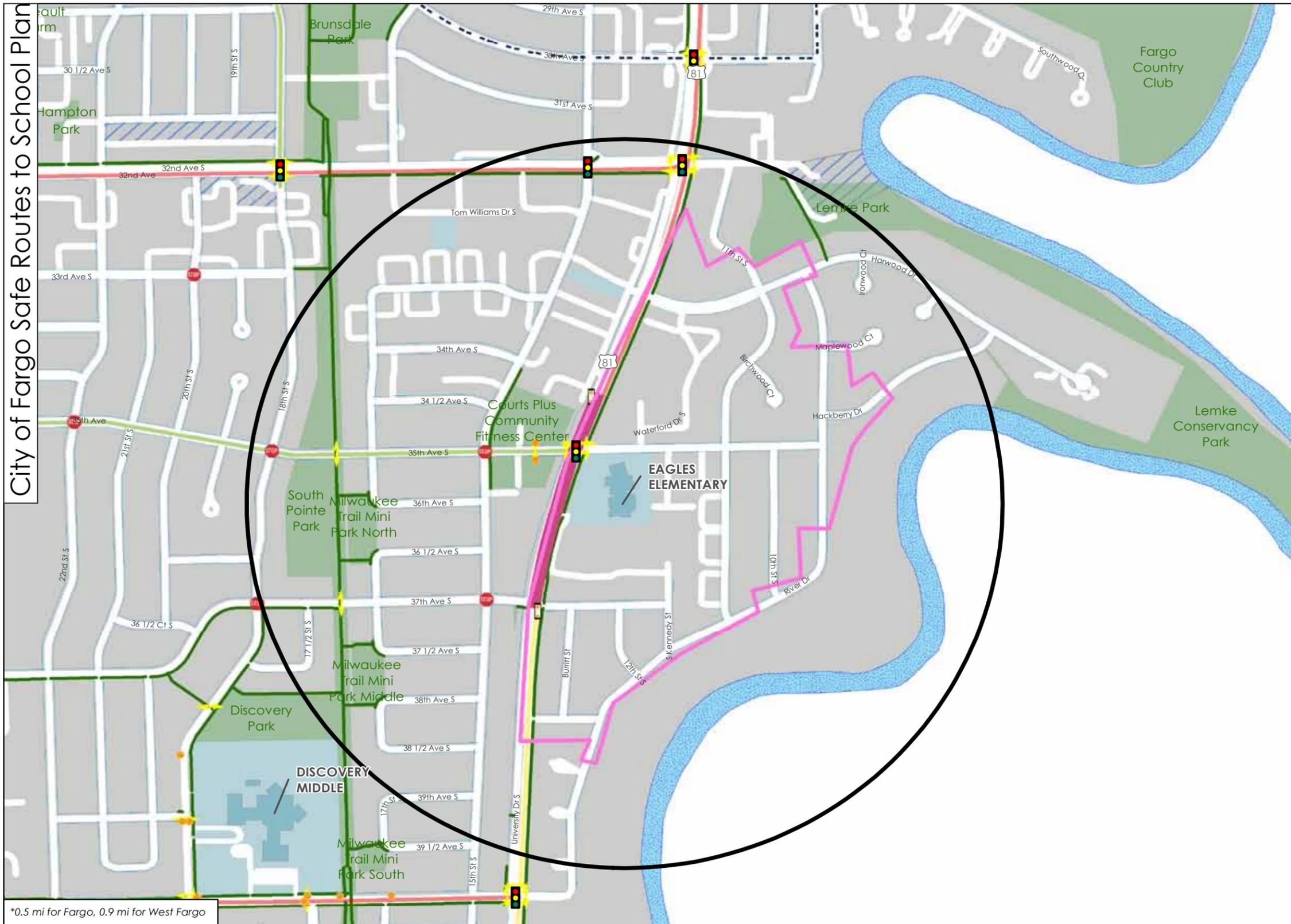
On campus, limited separation between pedestrian facilities and parking spaces obscures pedestrian visibility and vehicles often encroach into the pedestrian spaces. During arrival and dismissal, school staff help facilitate student crossings of the parent drive aisle.



▲ During drop-off and pick-up, there is significant congestion in the circulation loop with few protections for pedestrians.



▲ The 35th Avenue S and University Drive S intersection is a high traffic volume intersection with long crossing distances. The median is not wide enough to accommodate all students walking and biking.



*0.5 mi for Fargo, 0.9 mi for West Fargo

†On-Street bike facilities include bike lanes, separated bike lanes, shared lane markings, signed bike routes, and shoulders greater than 4

‡Average daily traffic counts for low volumes is less than 5,000 cars per day, medium between 5,000 and 10,000, and high more than 10,000

Existing Conditions Eagles Elementary

- School Study Areas*
 - Walk Zones
 - Building Footprints
 - School Grounds
 - Park
 - Environmental Justice Areas
 - School Speed Zone
 - Shared Use Path
 - On-Street Bike Facility†
 - Sidewalk
 - Crosswalk
 - Pedestrian Crossing Sign
 - 4-Way Stop Sign
 - HAWK Signal
 - Other Flashing Sign
 - Signalized Intersection
- Traffic Volumes‡**
- Low
 - Medium
 - High



Circulation Challenges

University Drive S is a major barrier to students walking and biking to school and any student west of the road is eligible for busing. However, many students walk or bike along 35th Avenue S to get to school and cross University Drive S. Along 35th Avenue S, west of University Drive S, the road is wide with a Courts Plus parking lot located on the south side of the road. This parking lot does not have parking barriers, so vehicles encroach on the sidewalk when parked along it. Additionally, the parking lot driveway access has reduced visibility due to parking spots directly adjacent to the sidewalk and access driveway. These blind spots create conflict points for students walking and biking on the sidewalk.

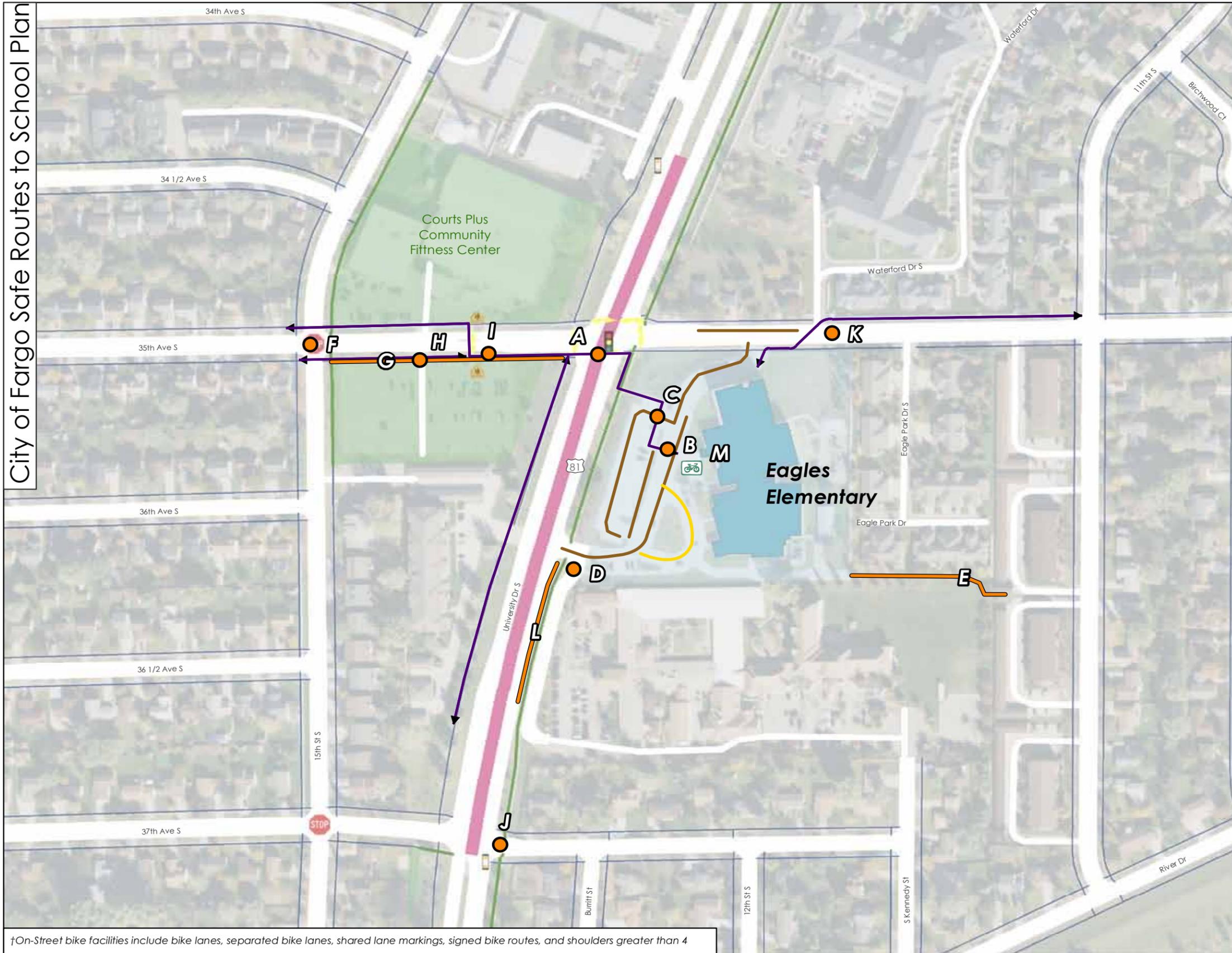
At the intersection of University Drive S and 35th Avenue S, vehicles are not prohibited from making right turns on red during arrival and dismissal. The 37th Avenue S and University Drive S intersection is large with wide turning radii that allow cars to make fast turning movements, which may conflict with people walking and biking.

Students often cross 35th Avenue S on bicycle at 35th Avenue S and Waterford Drive S, but there is no curb ramp on either side of 35th Avenue S. Instead, students enter the street from Waterford Drive S, then enter the school via the driveway along 35th Avenue S. Note that Waterford Drive S is a private street.

A fence on the east side of campus prevents students from walking or biking directly to and from adjacent properties.

EAGLES ELEMENTARY CHALLENGES

LOCATION	CHALLENGE
A University Dr S / 35th Ave S	High traffic volumes Long crossing distances Median not wide enough to comfortably accommodate people walking No leading pedestrian interval
B In front of main entrance	Long crossing of parking lot and drop off lane
C Main parking lot	Long crossing of parking lot entrance/exit No crosswalk marking
D University Dr S / school access lane	Long crossing distances No crosswalk marking
E Behind Pioneer House	No clear route between school and neighborhoods to south east
F 35th Ave S / 15th St S	Long crossing distances
G Parking lot along 35th Ave S	Parked cars encroach on sidewalk space
H Parking lot along 35th Ave S	Parking stalls immediately adjacent to crossing of driveway makes it difficult to see people walking when the stalls are occupied
I Parking lot along 35th Ave S	Parking stalls immediately adjacent to crossing of driveway makes it difficult to see people walking when the stalls are occupied
J 37th Ave S / University Dr S	Long crossing distances Large curb radii encourages high vehicle turning speeds
K 35th Ave S / Waterford Dr S	Students riding bicycles often cross here, but no curb ramp on south side to allow students access to sidewalk along south side of street
L University Dr S, midblock between 37th Ave S and Eagles parking lot	No planted buffer or barrier between road and sidewalk
M Main entrance	Comb style rack does not allow locking of frame and can lead to wheel damage

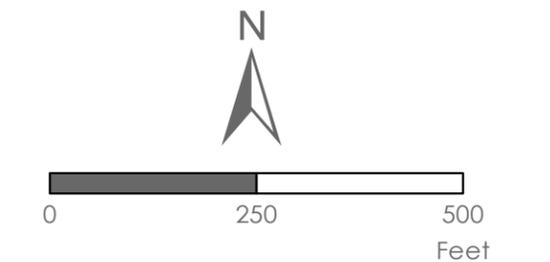


†On-Street bike facilities include bike lanes, separated bike lanes, shared lane markings, signed bike routes, and shoulders greater than 4

Observed Circulation & Challenges Eagles Elementary

- Key***
- Bus Circulation
 - Challenge
 - Shared Bus and Vehicle Lane
 - Vehicle Drop-off and Pick-up
 - ↔ Observed Walking and Biking Routes
 - 🚲 Bike Rack
 - Challenge

- Existing Infrastructure***
- + Building Footprints
 - + School Grounds
 - School Speed Zones
 - - - On-Street Bike Facility†
 - Sidewalk
 - Shared Use Path
 - ⚡ Crosswalk Marking
 - 🚦 Signalized Intersection
 - 🚦 HAWK Signal
 - 🚦 Other Flashing Sign
 - 🚶 Pedestrian Crossing Sign
 - STOP 4-Way Stop Sign



METROCOG
*Legend Common to All Maps -
Not all Features Present on All Maps

Opportunities for Improvement

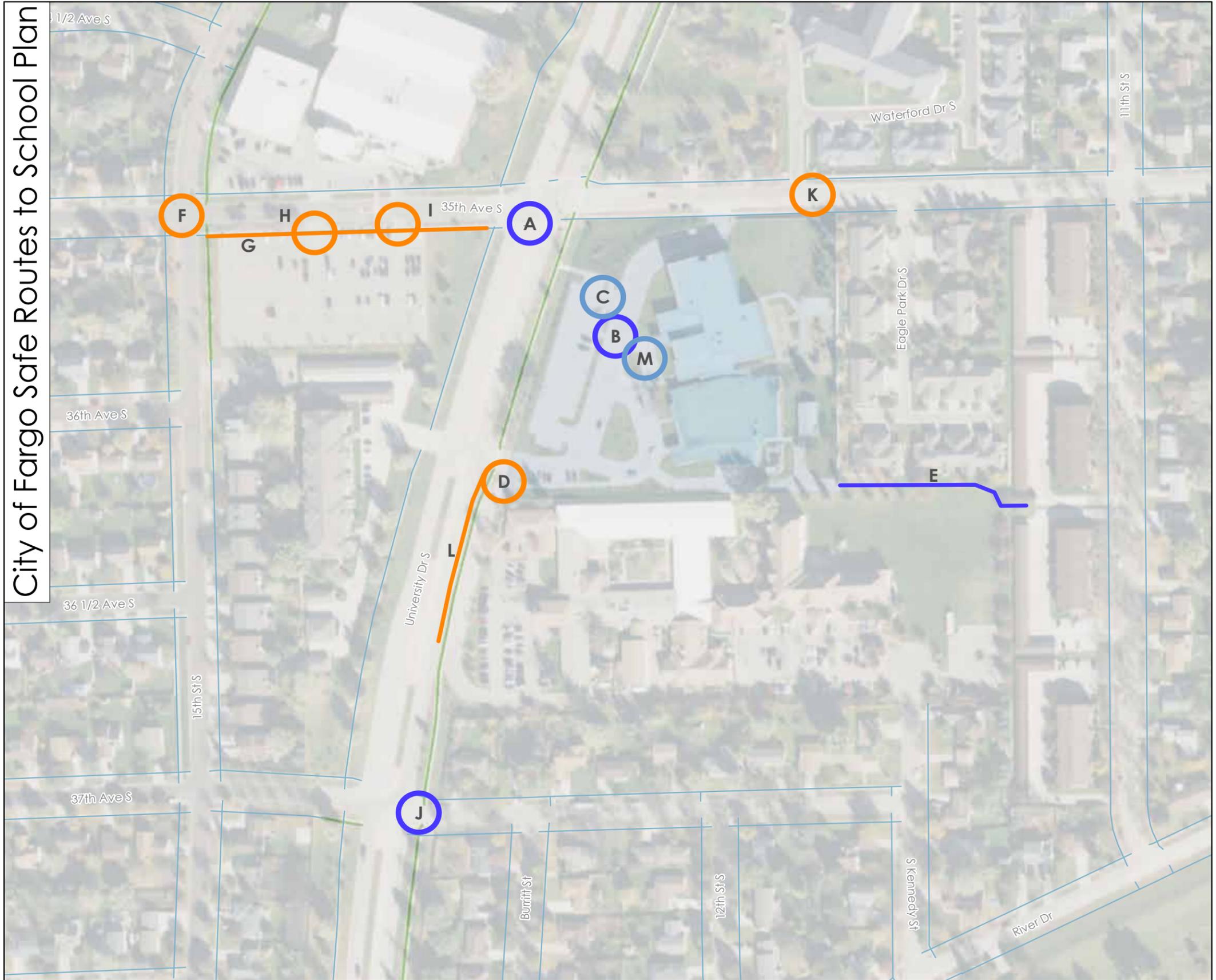
University Drive S presents the biggest challenge for people walking and biking to Eagles Elementary. While narrowing of the roadway should be considered in the future, changes to the curb radius in the near term (especially on the corner nearest to the school) would help slow turning traffic and increase the visibility and queuing space for students waiting to cross. Adding a leading pedestrian interval and no right turn on red would also increase comfort and visibility for students and families traveling across University Drive S. In order to reach this crossing, several students were observed traveling to and from the west. The parking lot at Courts Plus should be modified to improve visibility and limit vehicle encroachment on the pedestrian space. Additionally, improvements could be made at 35th Avenue S and 15th Street S to shorten the crossing distance, calm traffic, and improve visibility.

Neighborhood connections to the east and south of school should be installed and improved to increase comfort for people walking and biking.

Finally, the route for people walking between University Drive S and 35th Avenue S through and across the parking lot and to the front door should be improved by installing paint and separated or raised spaces.

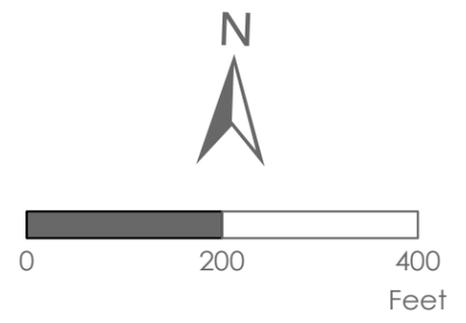
EAGLES ELEMENTARY OPPORTUNITIES FOR IMPROVEMENT			
LOCATION	POTENTIAL SOLUTION	LEAD AGENCY	IMPACT
A University Dr S / 35th Ave S	Consider installing curb extensions on the south east corner to decrease curb radius; install no right turn on red during school hours; install leading pedestrian interval	NDDOT; City of Fargo	High
B In front of main entrance	Install curb extensions for one car length in front of crosswalk	Fargo Public Schools	High
C Main parking lot	Install curb extensions to shorten crossing of drive lane; install high visibility crosswalk; consider installing raised crosswalk	Fargo Public Schools	Low
D University Dr S / school access lane	Install curb extensions or a median safety island to shorten crossing of driveway; install high visibility crosswalk	NDDOT; City of Fargo	Medium
E Behind Pioneer House	Install sidewalk or shared use path to connect neighborhoods to the southeast	City of Fargo	High
F 35th Ave S / 15th St S	Install curb extensions or median safety island to shorten crossings (prioritize south and west crossings); install high visibility crosswalks; install forward stop bars	City of Fargo	Medium
G Parking lot along 35th Ave S	Install parking stops in parking stalls adjacent to sidewalk to prohibit encroachment	City of Fargo	Medium
H Parking lot along 35th Ave S	Prohibit parking in stalls adjacent to driveway aprons	City of Fargo	Medium
I Parking lot along 35th Ave S	Prohibit parking in stalls adjacent to driveway aprons	City of Fargo	Medium
J 37th Ave S / University Dr S	Install curb extensions to shorten crossing of 37th Ave S (east crossing); investigate signal; install extension of existing median to comfortably accommodate pedestrians; install forward stop bars; install enhanced crosswalk treatments	NDDOT; City of Fargo	High
K 35th Ave S / Waterford Dr S	Install ADA compliant pedestrian ramp on 35th Ave S, east of Waterford Dr S; install high visibility crosswalk; consider installing raised crosswalk	City of Fargo	Medium
L University Dr S midblock between 37th Ave S and Eagles parking lot	Create separation between sidewalk and travel lane by either installing guard rail or moving pedestrian space eastward and planting the expanded buffer between road and pedestrian space	NDDOT; City of Fargo	Medium
M Main entrance	Install bike parking to provide two points of contact with bicycle frame (e.g., Inverted U or Post and Ring style rack)	Fargo Public Schools	Low

City of Fargo Safe Routes to School Plan



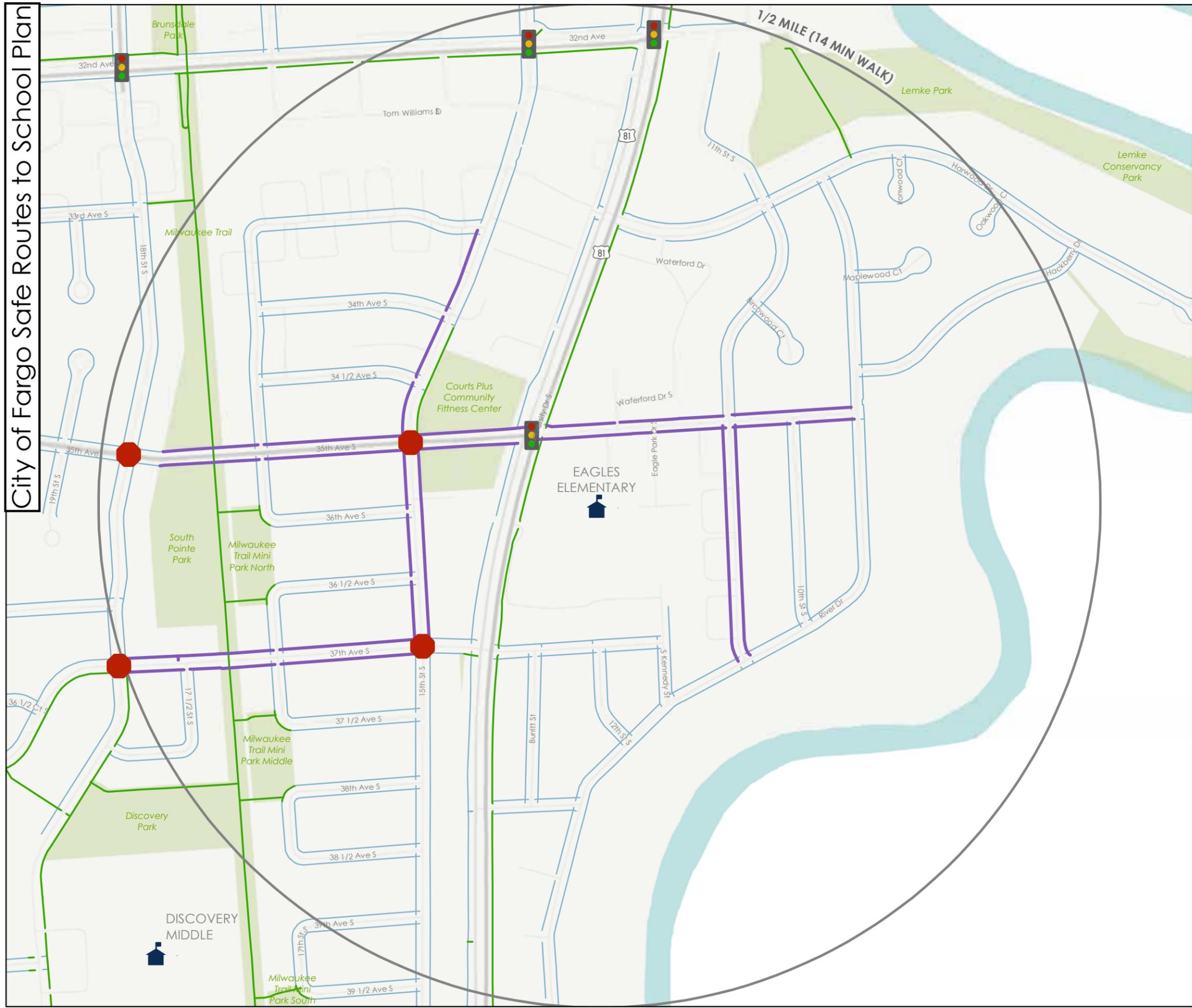
Infrastructure Opportunities
Eagles Elementary

- Opportunities for Improvement Locations
 - High Impact
 - Medium Impact
 - Low Impact
- Opportunities for Improvement Segments
 - High Impact
 - Medium Impact
 - Low Impact
- Shared Use Path
- Sidewalk
- Building footprint
- School grounds



METROCOG

City of Fargo Safe Routes to School Plan



Suggested Routes to School
Eagles Elementary

-  Suggested routes
-  Sidewalks
-  Shared Use Path
-  All-way stops
-  Traffic signal
-  Pedestrian crossing signal

