



Lewis and Clark Elementary

1729 16th Street S, Fargo, ND 58103

DISTRICT

Fargo Public School District #1

GRADES

K-5

AVERAGE ENROLLMENT

456

ARRIVAL

8:20 a.m.

DISMISSAL

2:42 p.m.

Existing Conditions

Lewis and Clark Elementary is a kindergarten through 5th grade school in the Fargo Public School District. It is located approximately 2 miles southwest of downtown Fargo in the city's Lewis and Clark neighborhood and was constructed in 1954. The neighborhood consists primarily of residential land uses. Within the Lewis and Clark boundaries, per capita income is slightly lower than the district average, as well as the median household income. Forty-three percent of Lewis and Clark students are eligible for free and reduced lunch programs. Approximately eight percent of students participate in English Language Learners programs.

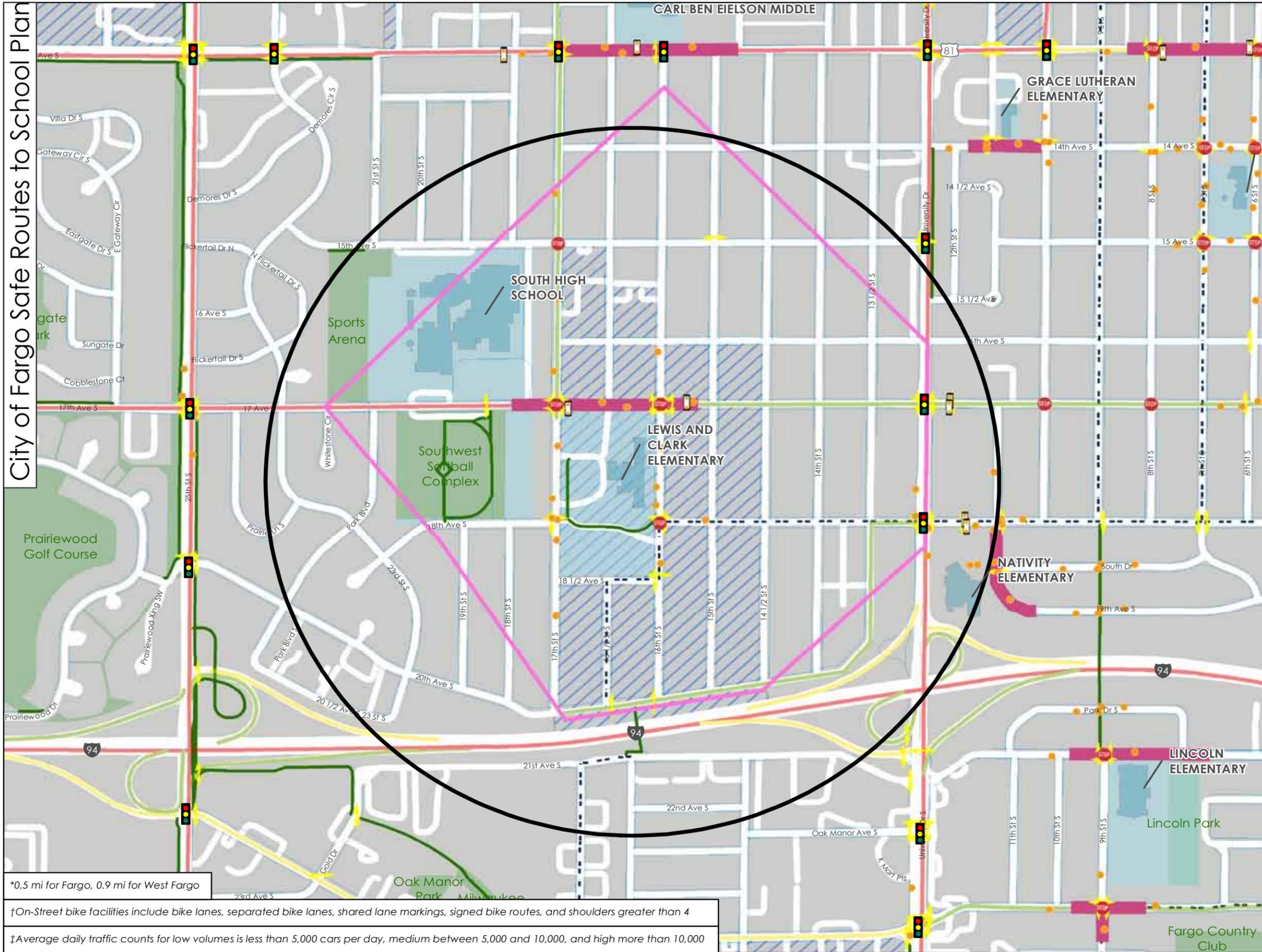
The Lewis and Clark campus is bound by 17th Street S to the west, 17th Avenue S to the north, 16th Street S to the east and 16th Avenue S to the south. The roads surrounding the building consist of local roadways with low traffic volumes and speeds. The exception is 17th Avenue S, which serves vehicular traffic connecting to Interstate 94 at University Drive S and 25th Street S. The traffic volumes and speeds are higher on 17th Avenue S.



▲ At the 17th Avenue S and 16 ½ Street S intersection, drivers do not expect pedestrians, leading to low yielding compliance.



▲ From the western edge of campus, there is no pedestrian space to access the building, unless following the perimeter of the driveway in the grass.



Existing Conditions
Lewis and Clark
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



*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

Circulation Challenges

The Lewis and Clark neighborhood is walkable and few barriers were identified for safe bicycle and pedestrian access to the school.

17th Avenue S is the primary east-west circulation route for pedestrians, bicyclists, and drivers. It is a wide roadway which creates multiple north-south crossing challenges. Students were observed crossing at the intersection of 16 1/2 Street S and 17th Avenue S, but because 16 1/2 Street S does not continue south of 17th Avenue S, drivers do not expect to see students. One student was observed waiting several minutes to cross from south to north at this location until vehicles finally stopped. The pedestrian connection from this location onto campus is inadequate, as students must walk along the existing driveway to access the school.

16th Street S is the primary north-south circulation route along the west side and the vehicle drop-off and pick-up location for parents and caregivers. On 16th Street S between 17th Avenue S and 18th Avenue S, sidewalk heaving was noted during observations.

There is no sidewalk from the school along the bus loop exit to 17th Street S. Students must walk in the bus and vehicle drive aisles along the north and west side of the campus to reach sidewalks along the perimeter of campus.

Drivers have been observed driving between the bus loop and the west parking lot through the narrow space connecting the two. Students often play in this area during and after school. This vehicle movement could be in conflict with people using the area.

LEWIS AND CLARK ELEMENTARY CHALLENGES

LOCATION	CHALLENGE
A 17th Ave S / 16 1/2 St S	Low driver yielding compliance Drivers not expecting to see people crossing Unmarked crosswalks Long crossing distances
B 17th Ave S / 16th St S	Long crossing distances
C East side of school	Comb style rack does not allow locking of frame and can lead to wheel damage
D East to north side of building perimeter	No pedestrian connection around the building
E 17th Ave S / 17th St S	Unmarked crosswalks
F 18th Ave S / 17th St S	Unmarked crosswalks
G 18th Ave S / 16th St S	Unmarked crosswalks
H Connection on campus between 17th Ave S and 17th St S	No pedestrian connection between 17th Ave S and 17th St S
I North side of school	No existing bicycle parking available
J West side of school	No existing bicycle parking available
K West side of school	Vehicles observed using this space as a cut through
L 16th St S between 17th Ave S and 18th Ave S	Sidewalk pavement heaves and creates tripping hazard



Observed Circulation & Challenges

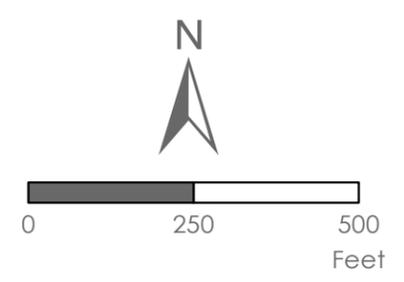
Lewis and Clark Elementary

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
- 4-Way Stop Sign



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

METROCOG

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

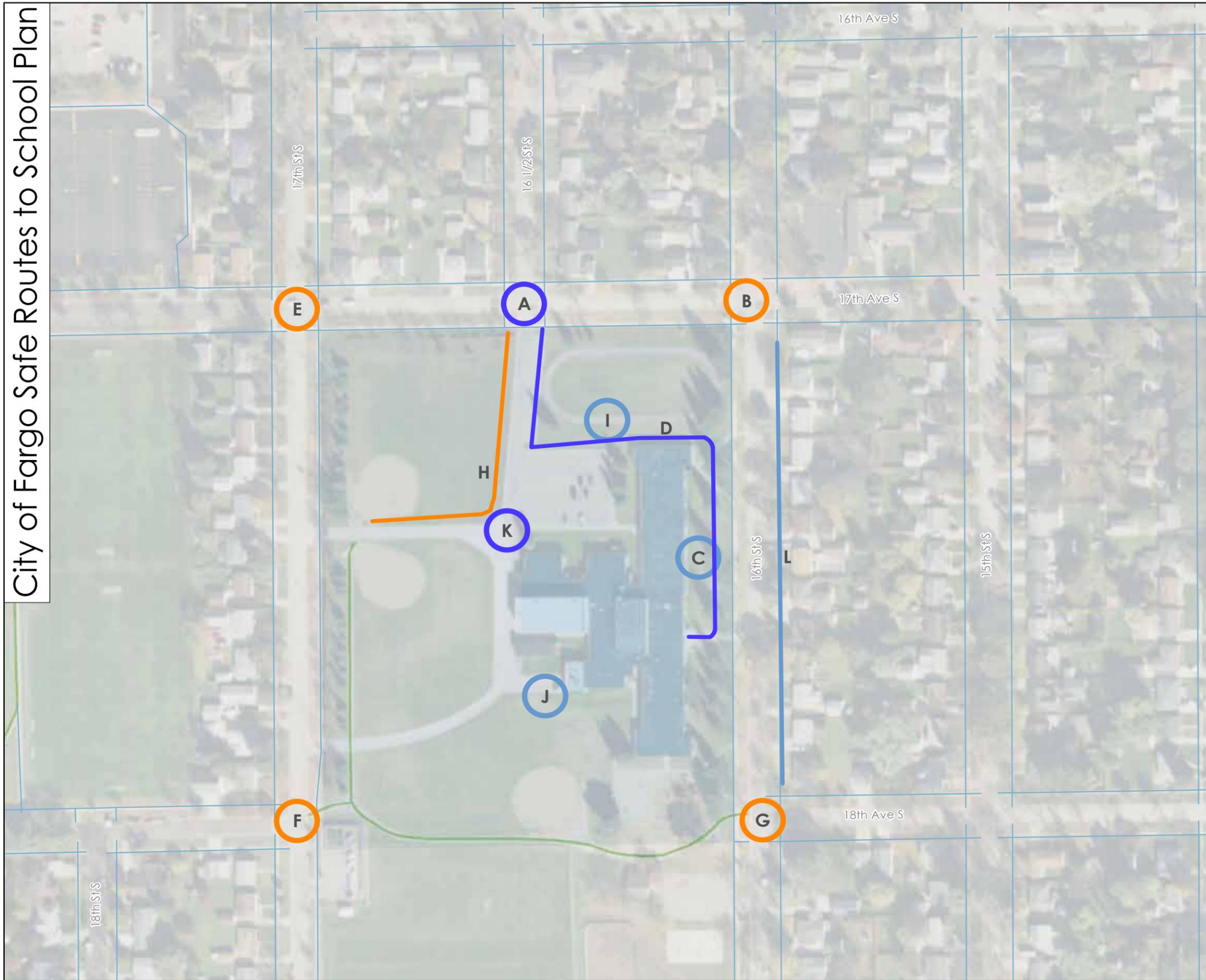
Opportunities for Improvement

The surrounding roads are relatively calm, so improvements should be focused on improving crossings of 17th Avenue S by shortening the crossing distances, improving visibility, and calming traffic speeds. Improvements should be prioritized at 16 ½ Street S, due to the low yielding compliance observed by drivers in the area. It isn't obvious to drivers that people may be crossing here, and anything to highlight this crossing would likely improve visibility and clarity.

On campus, it is important to provide separated space for students walking to the crossing of 16 ½ Street S and 17th Avenue S. A separated space should be installed parallel to the driveway to the north, and also along the driveway to the west side of campus. Any intersections of these circulation routes and bus or vehicle travel lanes should be highlighted using signage and/or paint. Additionally, jersey barriers should be installed to restrict access between the bus loop and the west parking lot.

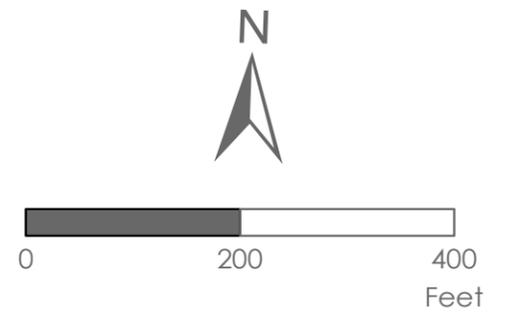
LEWIS AND CLARK ELEMENTARY OPPORTUNITIES FOR IMPROVEMENT

LOCATION	POTENTIAL SOLUTION	LEAD AGENCY	IMPACT
A 17th Ave S / 16 1/2 St S	Install high visibility crosswalks and associated signage; consider curb extensions; coordinate with Locations D and H	City of Fargo	High
B 17th Ave S / 16th St S	Consider curb extensions to shorten the west and south crossings, or median safety island on 17th Ave S	City of Fargo	Medium
C East side of school	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
D East to north side of building perimeter	Install sidewalk or shared-use path around north perimeter of school and along the east edge of parking lot connecting to the crossing of 17th Ave	Fargo Public Schools	High
E 17th Ave S / 17th St S	Consider curb extensions to shorten the south and east crossings or median safety island on 17th Ave S; install high visibility crosswalks; install forward stop bar	City of Fargo	Medium
F 18th Ave S / 17th St S	Consider curb extensions or median safety island to shorten the north crossing; install high visibility crosswalks; install forward stop bar	City of Fargo	Medium
G 18th Ave S / 16th St S	Consider curb extensions to shorten the north and east crossings or median safety island on 16th St S; install high visibility crosswalks; install forward stop bar	City of Fargo	Medium
H Connection on campus between 17th Ave S and 17th St S	Install sidewalk or shared-use path along west side of driveway and north side of bus loop	Fargo Public Schools	Medium
I North side of school	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
J West side of school	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
K West side of school	Move existing jersey barriers or install additional jersey barriers to restrict vehicle access between the west parking lot and the bus loop	Fargo Public Schools	High
L 16th St S between 17th Ave S and 18th Ave S	Repair or replace heaving sidewalk pavement	City of Fargo	Low

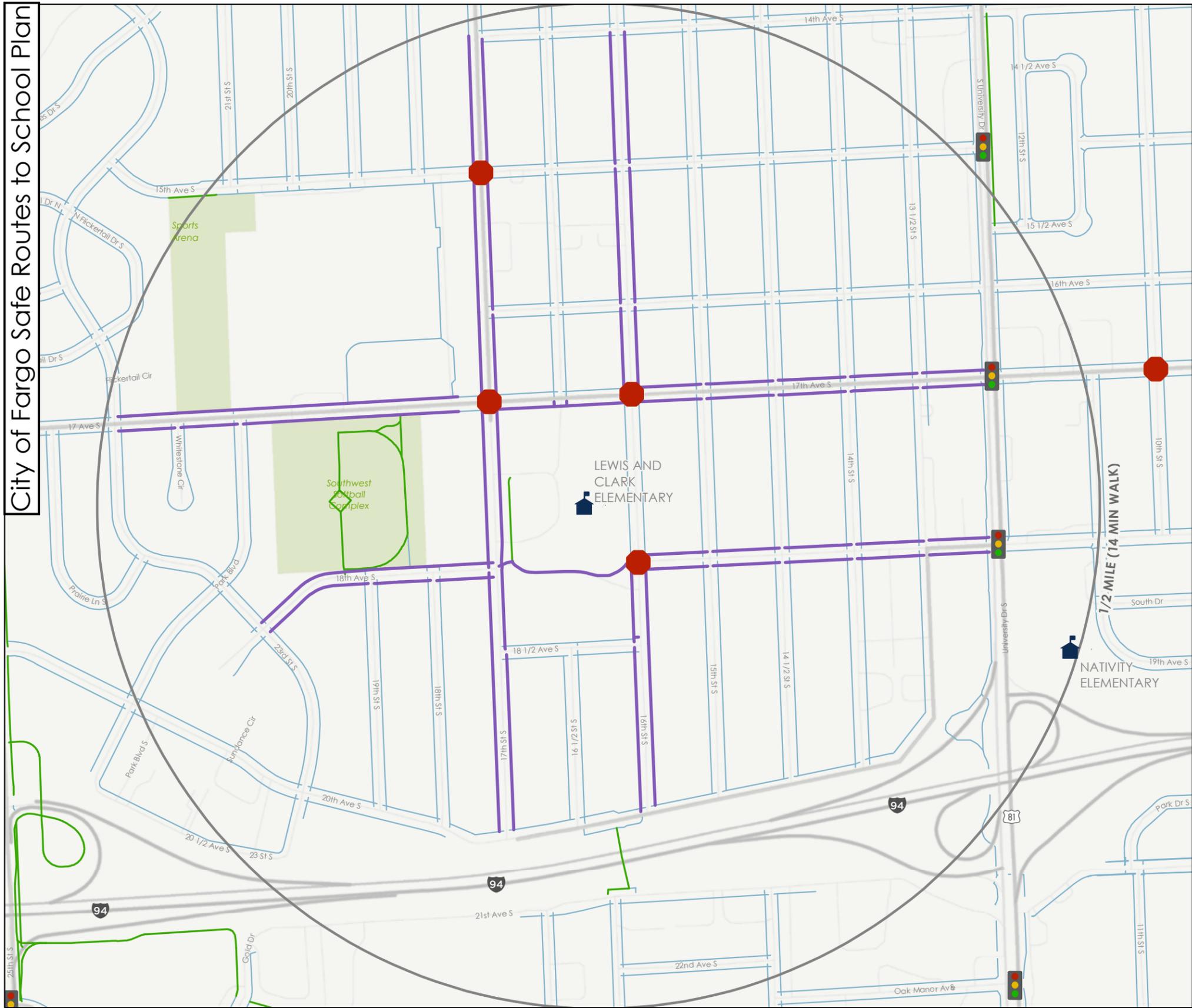


Infrastructure Opportunities Lewis and Clark Elementary

- 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



City of Fargo Safe Routes to School Plan



Suggested Routes to School
Lewis and Clark Elementary

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

