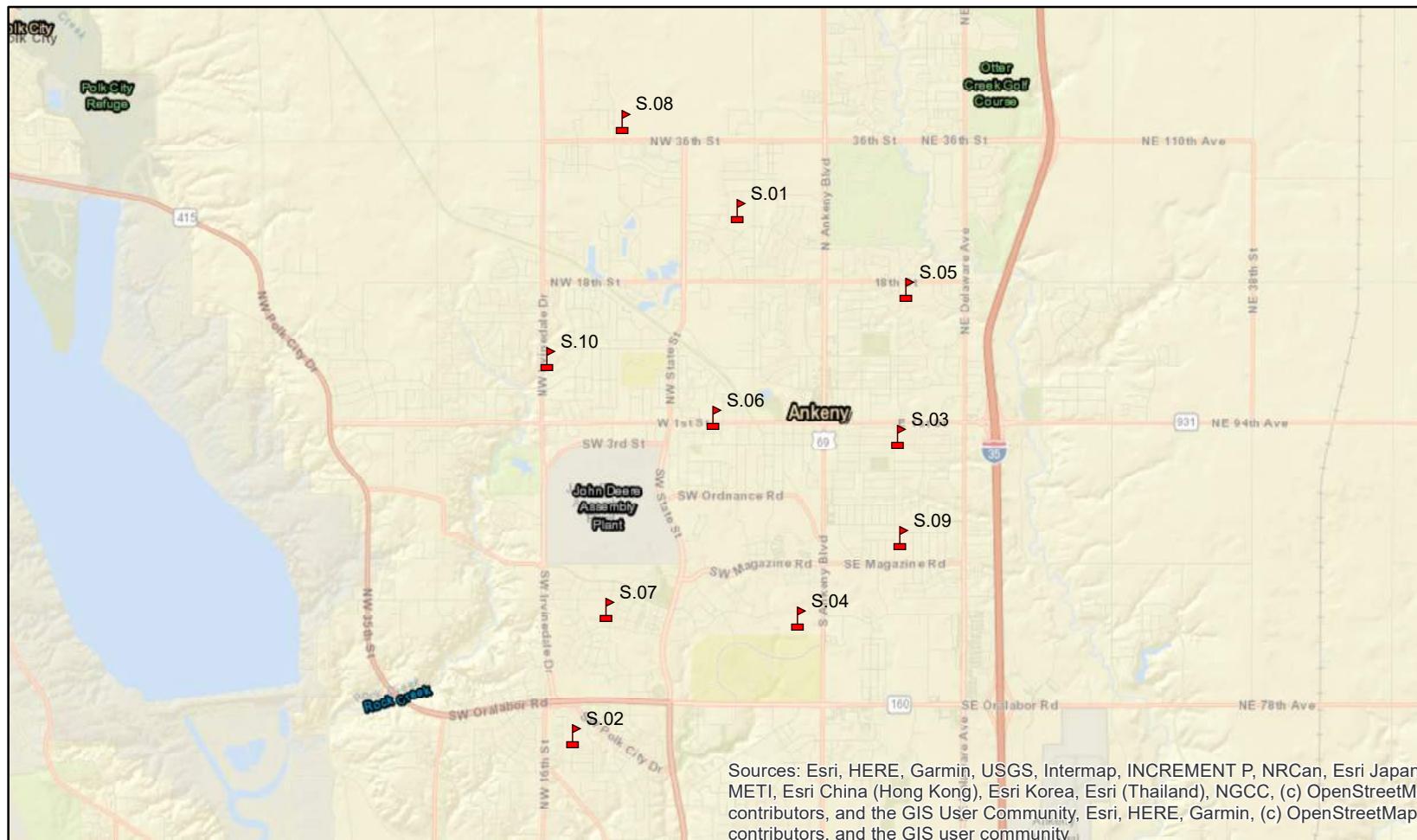


ELEMENTARY SCHOOL WALKABILITY STUDY

CITY OF ANKENY, IOWA

2022

LOCATION MAP



SHEET INDEX

GENERAL

G.01 COVER SHEET

SITE DETAILS

- S.01 ASHLAND RIDGE ELEMENTARY
- S.02 CROCKER ELEMENTARY
- S.03 EAST ELEMENTARY
- S.04 HERITAGE ELEMENTARY
- S.05 NORTHEAST ELEMENTARY
- S.06 NORTHWEST ELEMENTARY
- S.07 PRAIRIE TRAIL ELEMENTARY
- S.08 ROCK CREEK ELEMENTARY
- S.09 SOUTHEAST ELEMENTARY
- S.10 WESTWOOD ELEMENTARY



8710 EARHART LANE SW, CEDAR RAPIDS, IOWA 52404 (319) 841-4000 1-800-728-7805 FAX (319) 841-4012 <http://www.hrgreen.com>
OFFICES IN CALIFORNIA, COLORADO, ILLINOIS, IOWA, MINNESOTA, MISSOURI, PENNSYLVANIA, SOUTH DAKOTA AND TEXAS

City of Ankeny
Elementary School
Walkability Study

Site 01 (S.01)

**Ashland Ridge
Elementary School**

Legend

EXISTING

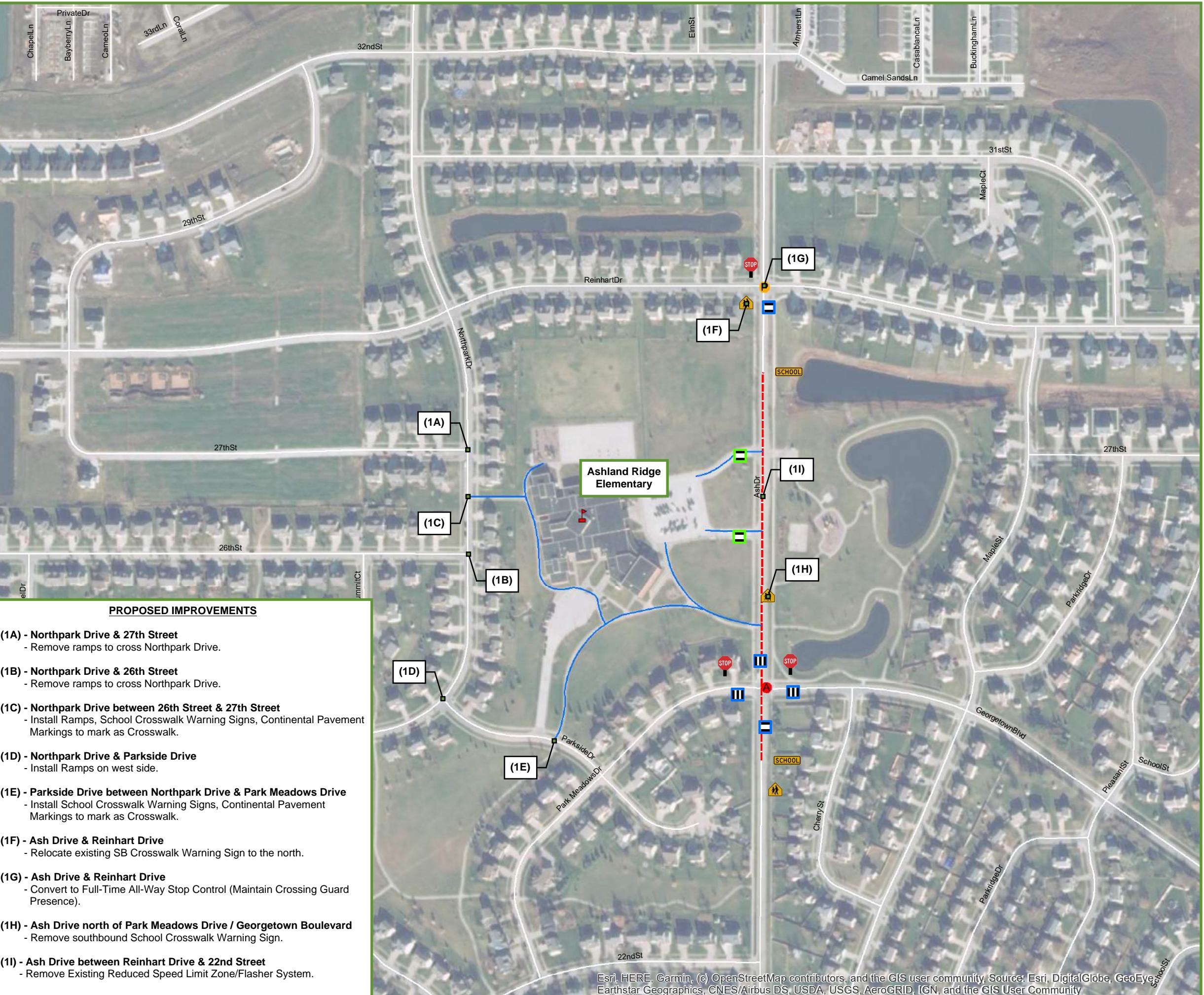
- School
- Part-time STOP Control
- All-way STOP Control
- Signal Control
- Crossing Guard with Paddle
- Crosswalk Warning Sign (Pedestrian)
- Crosswalk Warning Sign (School)
- Continental Crosswalk (Public)
- Continental Crosswalk (School District)
- Standard Crosswalk (Public)
- Standard Crosswalk (School District)
- Pedestrian Walk Path (Observed)
- Reduced Speed Limit Zone (School)
- Reduced Speed Limit Sign w/ Flashers (School)

PROPOSED

- Reduced Speed Limit Zone w/ Sign + Flashers (School) - To Be Removed

0 125 250 500

1 in = 417 ft



City of Ankeny
Elementary School
Walkability Study

Site 02 (S.02)

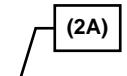
**Crocker
Elementary School**

Legend

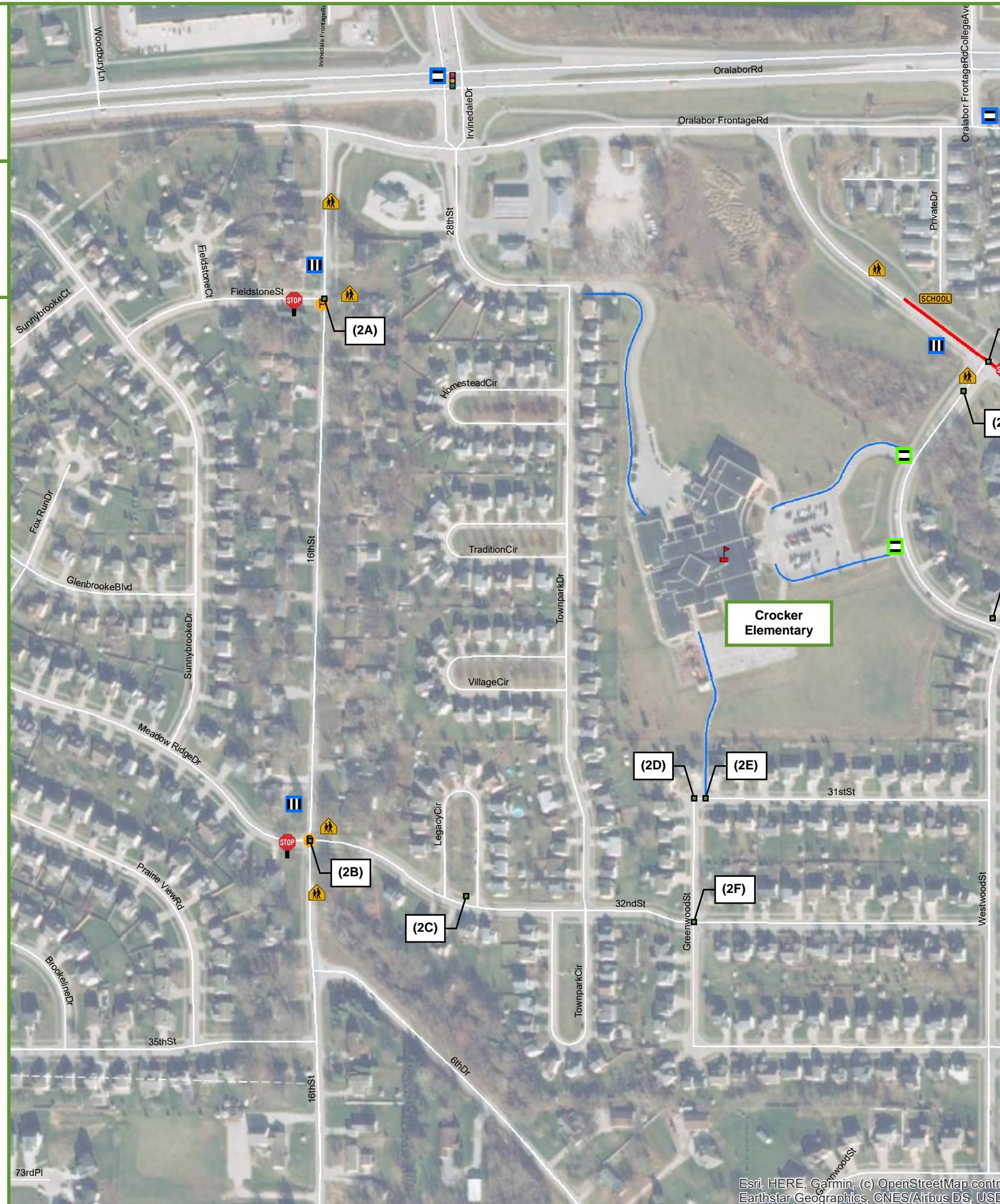
EXISTING

- School
- Part-time STOP Control
- All-way STOP Control
- Signal Control
- Crossing Guard with Paddle
- Crosswalk Warning Sign (Pedestrian)
- Crosswalk Warning Sign (School)
- Continental Crosswalk (Public)
- Continental Crosswalk (School District)
- Standard Crosswalk (Public)
- Standard Crosswalk (School District)
- Pedestrian Walk Path (Observed)
- Reduced Speed Limit Zone (School)
- Reduced Speed Limit Sign w/ Flashers (School)

PROPOSED



0 125 250 500
1 in = 417 ft



PROPOSED IMPROVEMENTS (1 OF 2)

- (2A) - NW 16th Street & Fieldstone Street (Polk County)
 - Update curb ramps.
- (2B) - NW 16th Street & 32nd Street / Meadow Ridge Drive (Polk County)
 - Install northbound Crosswalk Warning signs for north leg crosswalk.
 - Update curb ramps.
- (2C) - 32nd Street between NW 16th Street and SW Townpark Drive
 - Sidewalk updates on north side of 32nd Street.
- (2D) - Greenwood Street & 31st Street
 - Install No Parking signs to north side of cul-de-sac.
- (2E) - Greenwood Street & 31st Street (East Leg)
 - Install School Crosswalk Warning signs, Continental Pavement Markings to mark as School Crosswalk.

PROPOSED IMPROVEMENTS (2 OF 2)

- (2F) - Greenwood Street & 32nd Street
 - Monitor for potential future crosswalk.
- (2G) - Applewood Street near Westwood Street
 - Install northbound School Area Warning sign (S1-1).
- (2H) - Applewood Street & Polk City Drive
 - Re-stripe south leg to allow for dedicated left-turn and right-turn lanes.
- (2I) - Applewood Street & Polk City Drive
 - Convert crosswalk to Guard-Controlled Crossing with 15MPH speed limit signs and Flashing Beacons.
- (2J) - SW 35th Street between Applewood Street & SW Sawgrass Parkway
 - Consider Pedestrian Crosswalk Warning signs, Standard Pavement Markings to mark as crosswalk.

City of Ankeny
Elementary School
Walkability Study

Site 03 (S.03)

**East
Elementary School**

Legend

EXISTING

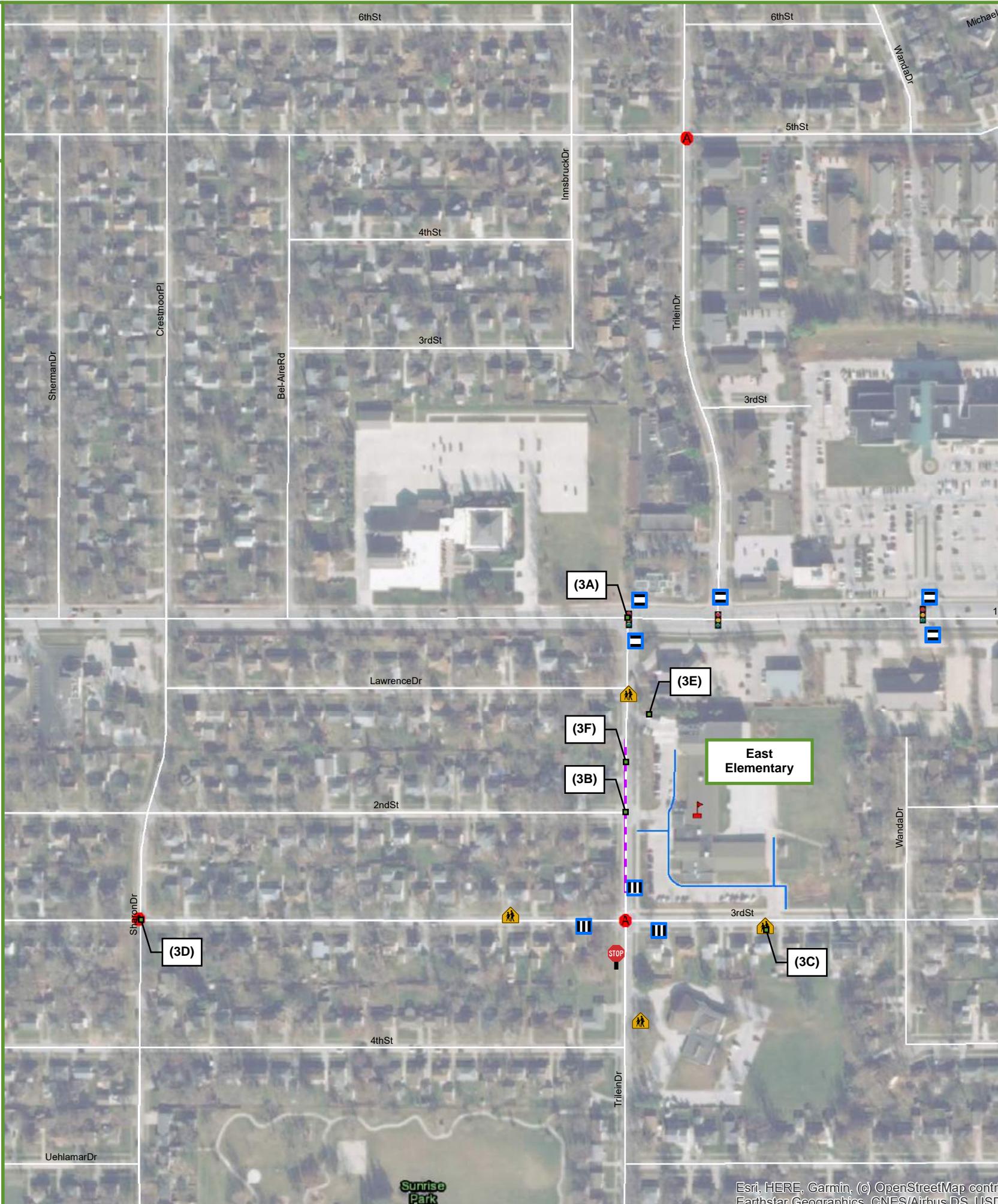
- 🚩 School
- 🟡 Part-time STOP Control
- 🔴 All-way STOP Control
- 🟩 Signal Control
- 🔴 STOP Sign
- 🟡 Crossing Guard with Paddle
- 🟠 Crosswalk Warning Sign (Pedestrian)
- 🟠 Crosswalk Warning Sign (School)
- 🟩 Continental Crosswalk (Public)
- 🟩 Continental Crosswalk (School District)
- 🟩 Standard Crosswalk (Public)
- 🟩 Standard Crosswalk (School District)
- 🟩 Pedestrian Walk Path (Observed)
- 🔴 Reduced Speed Limit Zone (School)
- 🟠 SCHOOL Reduced Speed Limit Sign w/ Flashers (School)

PROPOSED

- 🟩 Reduced Speed Limit Zone w/ Sign + Flashers (School) - Proposed

0 125 250 500

1 in = 417 ft



PROPOSED IMPROVEMENTS

(3A) - 1st Street & Trilein Drive

- Update ramps and pedestrian push buttons.
- Consider Leading Pedestrian Interval timings.
- Convert crosswalk pavement markings to Continental style.
- Add Crosswalk Warning signage to traffic signal.

(3B) - 2nd Street & Trilein Drive

- Install Ramps, School Crosswalk Warning Signs, Continental Pavement Markings to mark as Crosswalk.
- Convert crosswalk to Guard-Controlled Crossing (south leg) with 15MPH speed limit signs and Flashing Beacons.
- Add Stop Sign for westbound traffic to southeast quadrant.

(3C) - 3rd Street & School Access

- Shift School Crosswalk Warning sign to the east.

(3D) - 3rd Street & SE Sharon Drive

- Add All-Way plaque below southbound Stop Sign.

(3E) - School Site

- Consider sidewalk pathway between school and Trilein Drive to the north.

(3F) - Trilein Drive between Lawrence Drive & 3rd Street

- Implement parking restriction on the west side of Trilein Drive from Lawrence Drive to 3rd Street during the school arrival and dismissal periods.

City of Ankeny
Elementary School
Walkability Study

Site 04 (S.04)

**Heritage
Elementary School**

Legend

EXISTING

- School
- Part-time STOP Control
- All-way STOP Control
- Signal Control
- Crossing Guard with Paddle
- Crosswalk Warning Sign (Pedestrian)
- Crosswalk Warning Sign (School)
- Continental Crosswalk (Public)
- Continental Crosswalk (School District)
- Standard Crosswalk (Public)
- Standard Crosswalk (School District)
- Pedestrian Walk Path (Observed)
- Reduced Speed Limit Zone (School)
- Reduced Speed Limit Sign w/ Flashers (School)

PROPOSED

(4A)

(4D)

(4A)

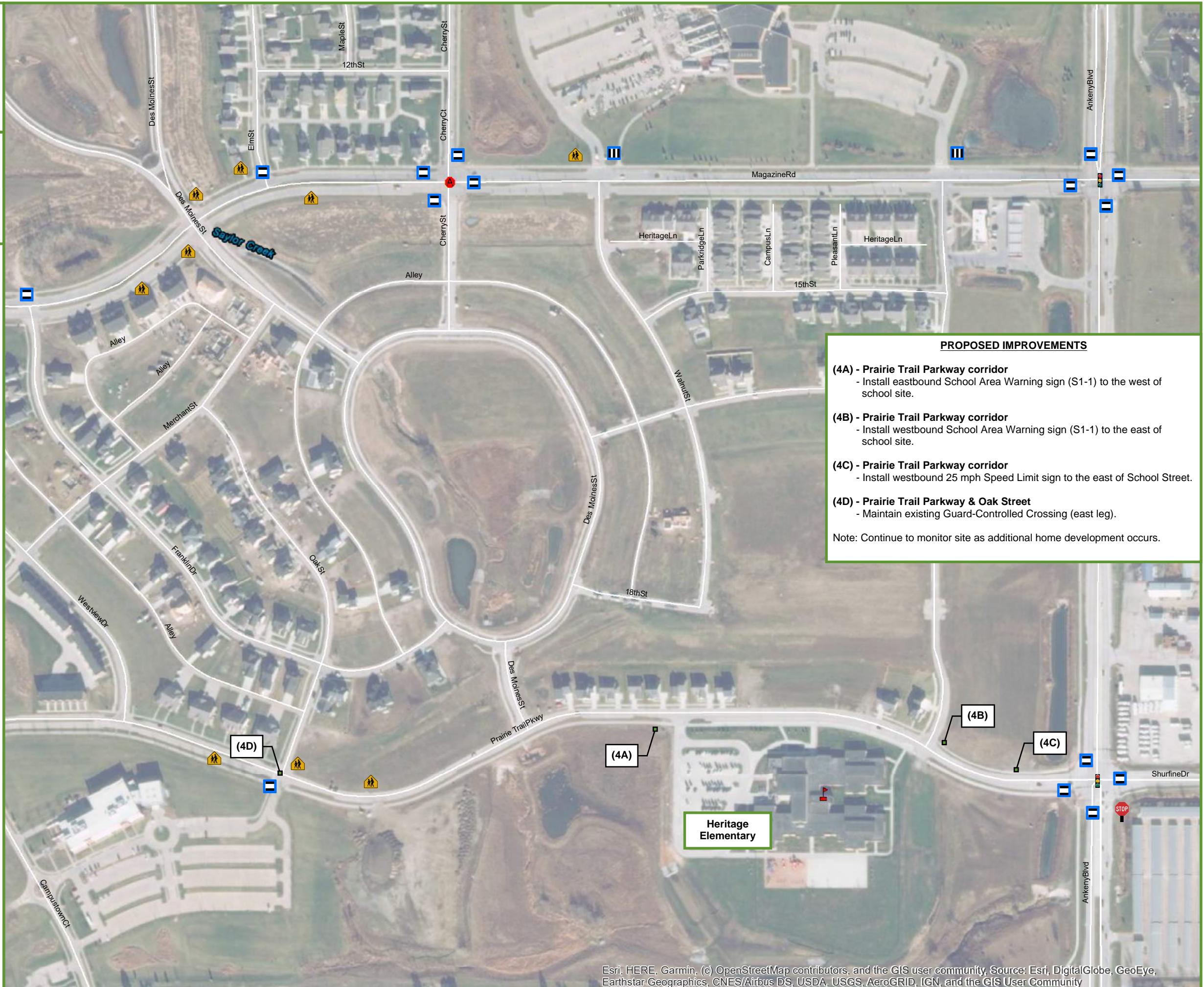
(4B)

(4C)

Heritage
Elementary

0 125 250 500

1 in = 417 ft



City of Ankeny
Elementary School
Walkability Study

Site 05 (S.05)

**Northeast
Elementary School**

Legend

EXISTING

- 红旗 School
- 黄旗 Part-time STOP Control
- 红旗 All-way STOP Control
- 红绿灯 Signal Control
- STOP Crossing Guard with Paddle
- 人行横道标志 Crosswalk Warning Sign (Pedestrian)
- 学校标志 Crosswalk Warning Sign (School)
- 大陆人行横道 (公共) Continental Crosswalk (Public)
- 大陆人行横道 (学校) Continental Crosswalk (School District)
- 人行横道 (公共) Standard Crosswalk (Public)
- 人行横道 (学校) Standard Crosswalk (School District)
- 蓝色线条 Pedestrian Walk Path (Observed)
- 红色虚线 Reduced Speed Limit Zone (School)
- 黄底黑字 SCHOOL Reduced Speed Limit Sign w/ Flashers (School)

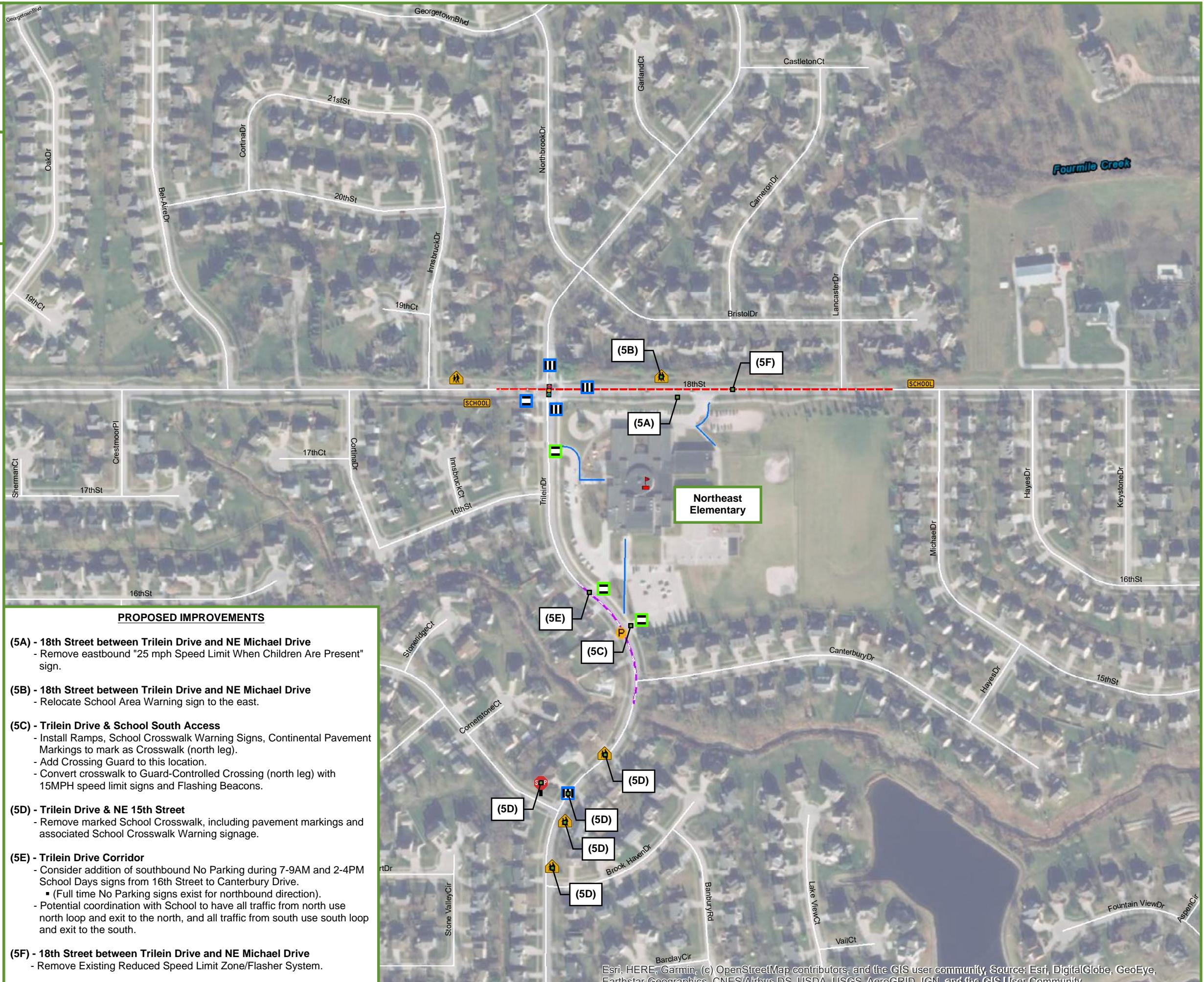
PROPOSED

- 紫色虚线 Reduced Speed Limit Zone w/ Sign + Flashers (School) - Proposed
- 红色虚线 Reduced Speed Limit Zone w/ Sign + Flashers (School) - To Be Removed

(5A)

0 125 250 500

1 in = 417 ft



City of Ankeny
Elementary School
Walkability Study

Site 06 (S.06)

**Northwest
Elementary School**

Legend

EXISTING

- School
- Part-time STOP Control
- All-way STOP Control
- Signal Control
- Crossing Guard with Paddle
- Crosswalk Warning Sign (Pedestrian)
- Crosswalk Warning Sign (School)
- Continental Crosswalk (Public)
- Continental Crosswalk (School District)
- Standard Crosswalk (Public)
- Standard Crosswalk (School District)
- Pedestrian Walk Path (Observed)
- Reduced Speed Limit Zone (School)
- Reduced Speed Limit Sign w/ Flashers (School)

PROPOSED

- Ramp Updates

0 125 250 500
1 in = 417 ft



PROPOSED IMPROVEMENTS

(6A) - 1st Street & State Street

- Consider Leading Pedestrian Interval timings.

(6B) - 1st Street & Mid-Block Crossing

- Existing traffic signal to be replaced in 2022 by different project.
- Update ramps.

(6C) - 1st Street & School Access

- Update ramps.

(6D) - 1st Street & Kline Street

- Consider removal of south/north ramps due to skew of intersection and proximity to mid-block traffic signal.

(6E) - 1st Street Corridor

- Repair core drill hole in sidewalk to the west of school pull-off lane.

(6F) - School Site

- Coordination with School to shift top of un-loading/loading zone to the south to provide additional vehicle queuing onsite rather than westbound 1st Street.

(6G) - School Site

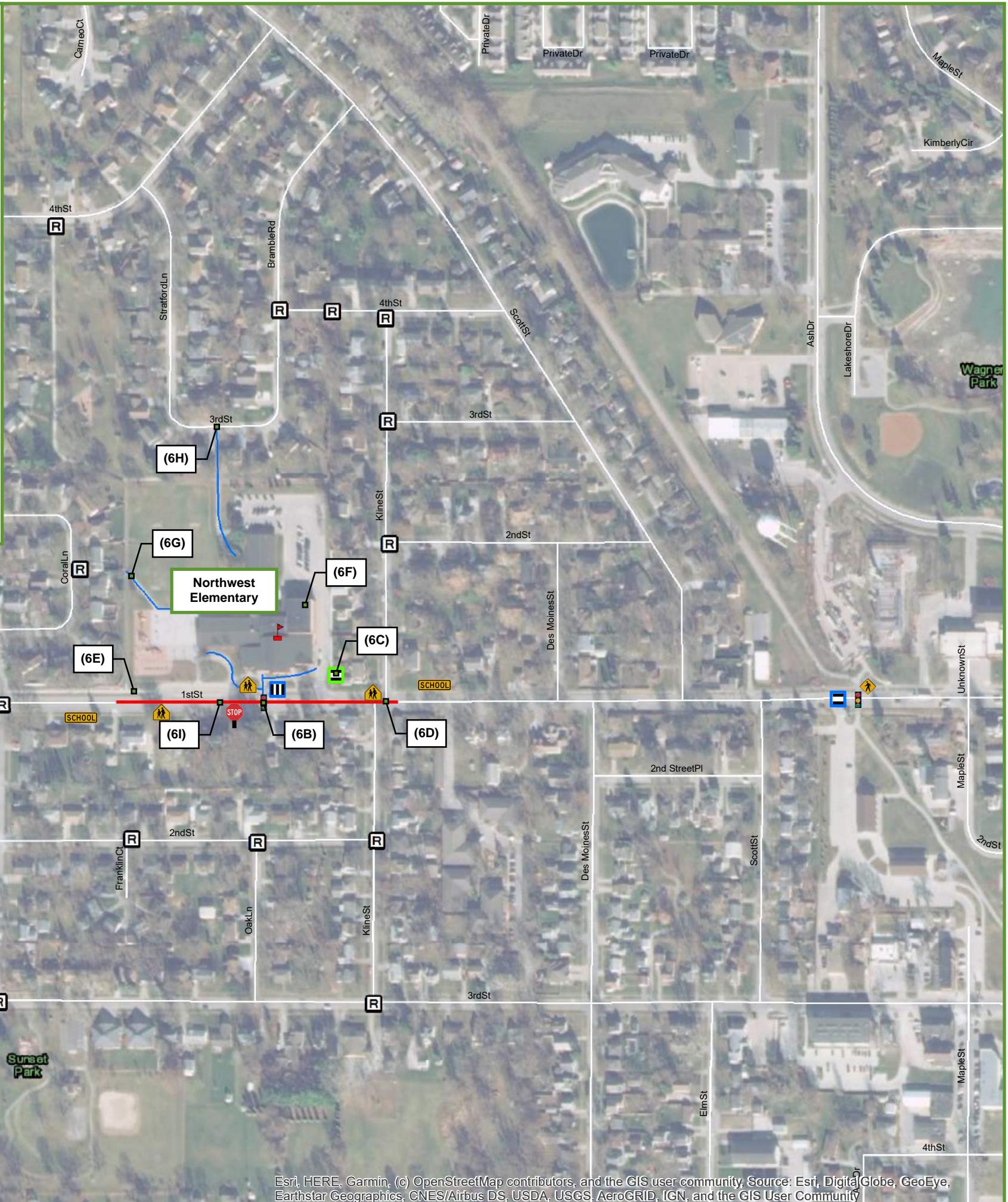
- Coordination with school to update/repair pathway on heavily traveled bike/ped route.

(6H) - 3rd Street between Stratford Lane & Bramble Road

- Consider School Crosswalk Warning Signs, Continental Pavement Markings to mark as Crosswalk.
- Update ramps.

(6I) - 1st Street between SW Flynn Drive and NW Des Moines Street

- Keep Existing Reduced Speed Limit Zone/Flasher System.



City of Ankeny Elementary School Walkability Study

Site 07 (S.07)

Prairie Trail Elementary School

Legend

EXISTING

-  School
-  Part-time STOP Control

-  All-way STOP Control
-  Signal Control
-  Crossing Guard with Paddle
-  Crosswalk Warning Sign (Pedestrian)
-  Crosswalk Warning Sign (School)
-  Continental Crosswalk (Public)
-  Continental Crosswalk (School District)
-  Standard Crosswalk (Public)
-  Standard Crosswalk (School District)
-  Pedestrian Walk Path (Observed)
-  Reduced Speed Limit Zone (School)

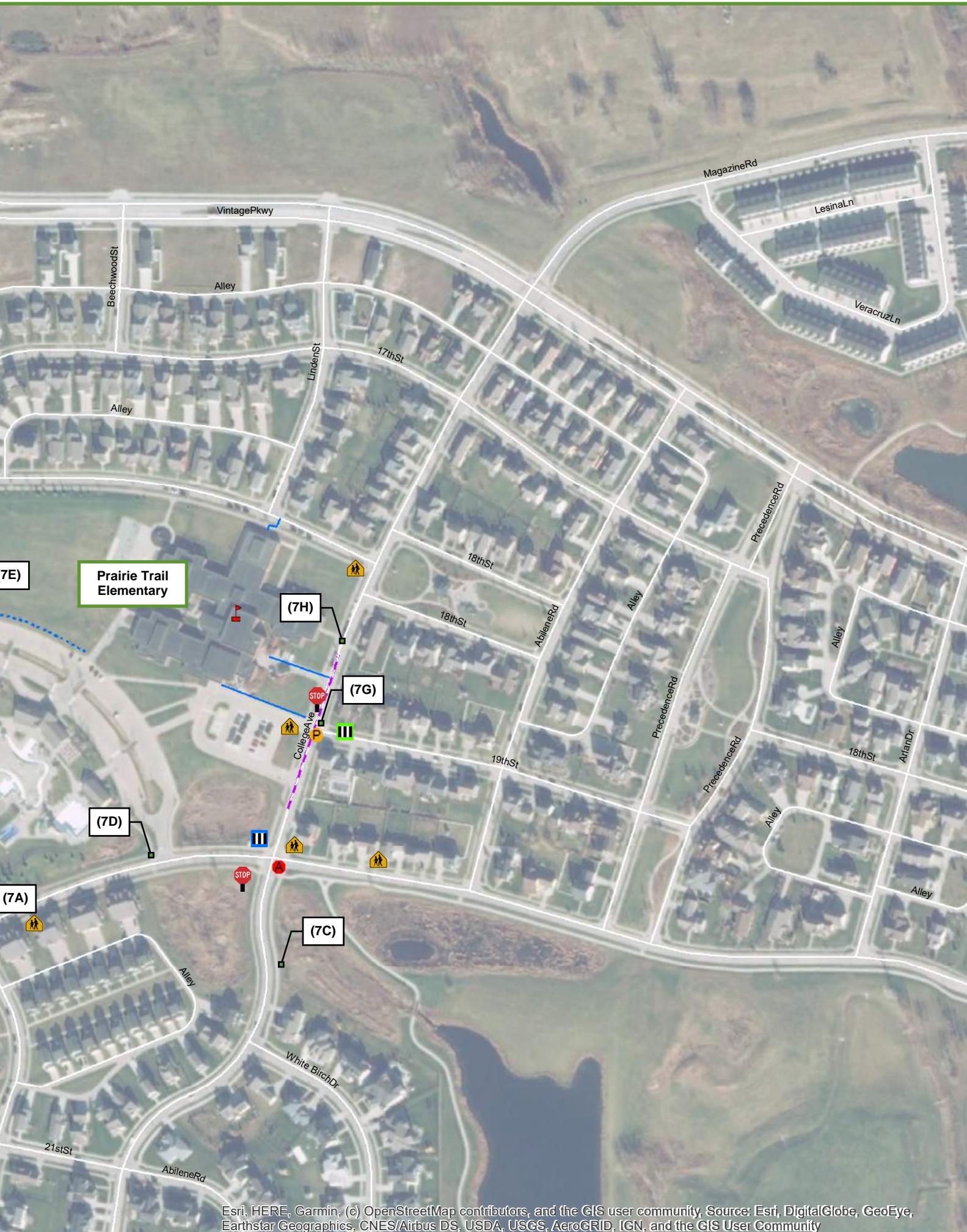
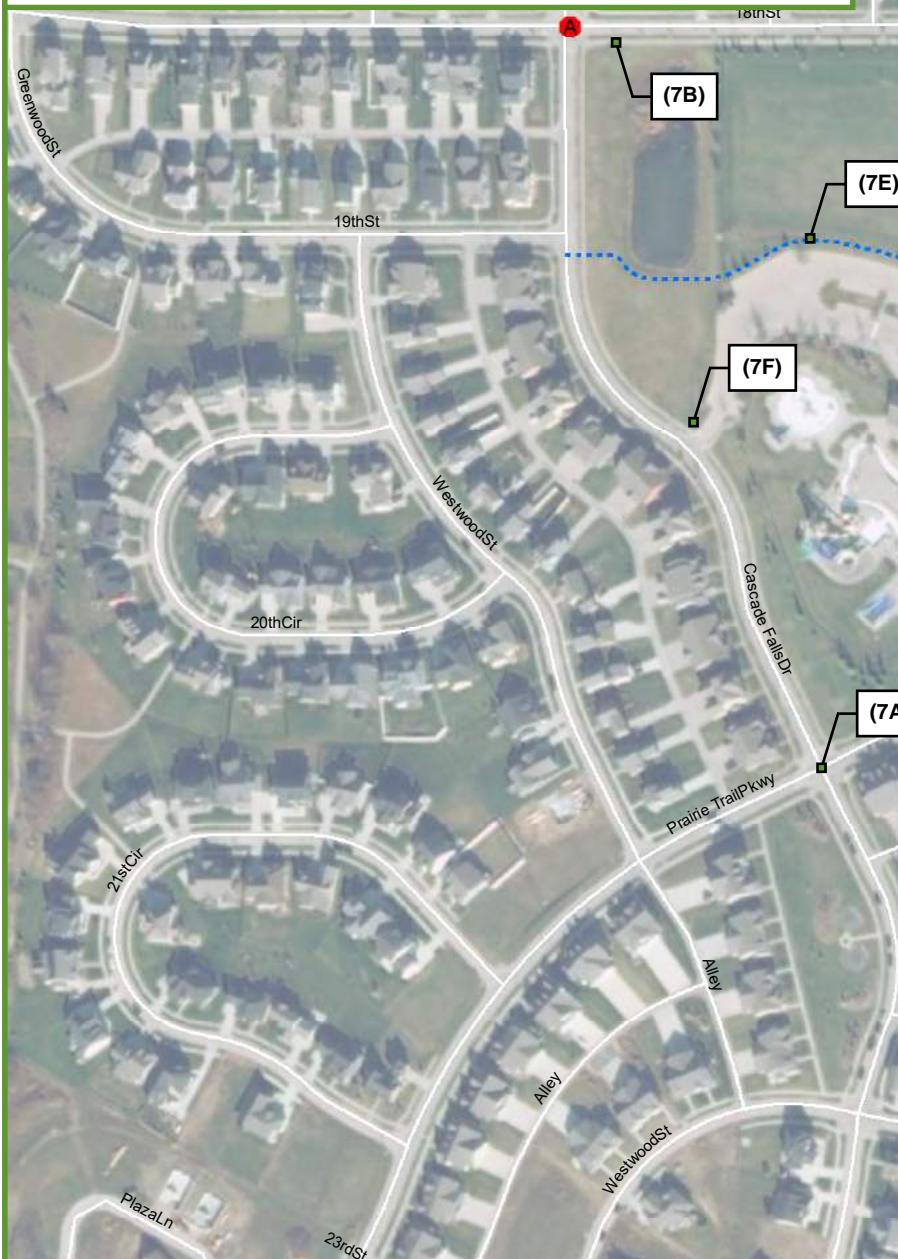
- PROPOSED
- Pedestrian Walk Path (Proposed)
- Reduced Speed Limit Zone w/ Sign + Flashers (School) - Proposed

0 125 250 500

1 in = 417 ft

PROPOSED IMPROVEMENTS

- (7A) - Cascade Falls Drive & Prairie Trail Parkway**
 - Convert intersection to All-Way Stop Control.
- (7B) - 18th Street east of Cascade Falls Drive**
 - Install eastbound School Area Warning sign (S1-1).
- (7C) - College Avenue south of Prairie Trail Parkway**
 - Install northbound School AHEAD Warning sign (S1-1, and W16-9P).
- (7D) - Prairie Trail Parkway between Cascade Falls Drive & College Avenue**
 - Continue to monitor/consider for potential removal of mid-block crossing due to proximity of All-Way Stop Control intersections in close proximity.
- (7E) - School Site / Detention Site**
 - Potential pathway to connect school to Cascade Falls Drive.
- (7F) - Parking Lot Driveway between Prairie Trail Parkway & 19th Street**
 - Install westbound Stop sign (R1-1).
- (7G) - College Avenue & 19th Street**
 - Convert crosswalk to Guard-Controlled Crossing (north leg) with 15MPH speed limit signs and Flashing Beacons.
(Pending purchase of additional set of beacons)
- (7H) - College Avenue between 18th Street & Prairie Trail Parkway**
 - Establish parking restriction on the west side of College Avenue during 7-9 and 2-4 PM on School Days from 18th Street to Prairie Trail Parkway.



City of Ankeny Elementary School Walkability Study

Site 08 (S.08)

Rock Creek Elementary School

Legend

EXISTING

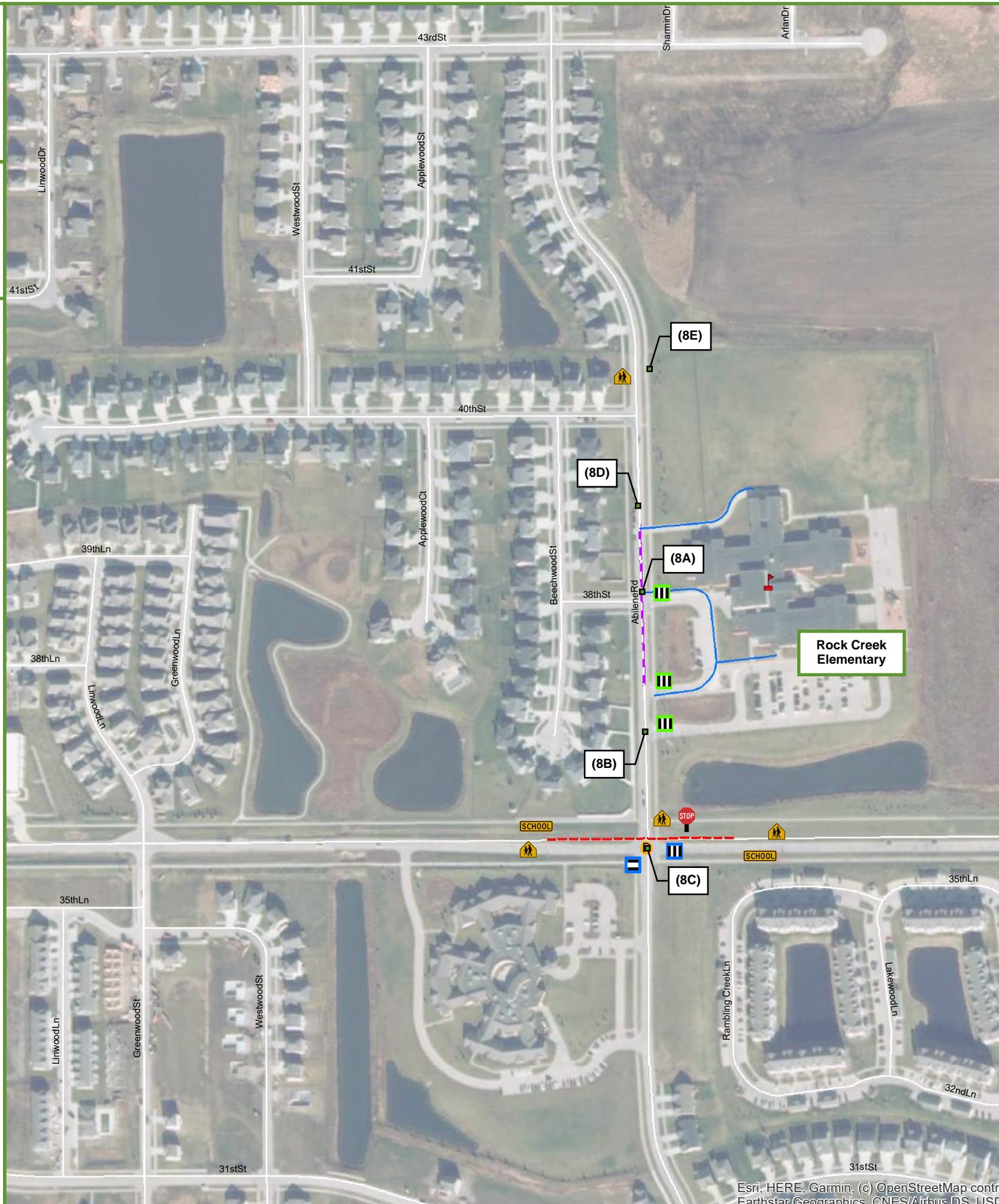
-  School
-  Part-time STOP Control
-  All-way STOP Control
-  Signal Control
-  Crossing Guard with Paddle
-  Crosswalk Warning Sign (Pedestrian)
-  Crosswalk Warning Sign (School)
-  Continental Crosswalk (Public)
-  Continental Crosswalk (School District)
-  Standard Crosswalk (Public)
-  Standard Crosswalk (School District)
-  Pedestrian Walk Path (Observed)
-  Reduced Speed Limit Zone (School)
-  Reduced Speed Limit Sign w/ Flashers (S)

PROPOSED

- Reduced Speed Limit Zone w/ Sign + Flashers (School) - Proposed
- Reduced Speed Limit Zone w/ Sign + Flashers (School) - To Be Removed

0 125 250 500

1 in. = 417 ft



PROPOSED IMPROVEMENTS

(8A) - Abilene Road & 38th Street

- Install Ramps, School Crosswalk Warning Signs, Continental Pavement Markings to mark as Crosswalk (north leg).
 - Remove ramps/pavement markings across the south leg.
 - Convert crosswalk to Guard-Controlled Crossing (north leg) with 15MPH speed limit signs and Flashing Beacons.

(8B) - Abilene Road & Southern School Access

- Coordinate with School to allow left-turns and right-turns for vehicle egress.

(8C) - Abilene Road & 36th Street

- Convert to full-time All-Way Stop Control.
 - Continue to monitor for potential traffic signal installation.

(8D) - Abilene Road corridor

- Consider addition of southbound No Parking during 7-9AM and 2-4PM School Days signs from 36th Street to 40th Street.
 - (Full time No Parking signs exist for northbound direction).

(8E) - Abilene Road corridor

- Install northbound 25 mph speed limit sign north of 40th Street.

City of Ankeny
Elementary School
Walkability Study

Site 09 (S.09)

**Southeast
Elementary School**

Legend

EXISTING

- School
- Part-time STOP Control
- All-way STOP Control
- Signal Control
- Crossing Guard with Paddle
- Crosswalk Warning Sign (Pedestrian)
- Crosswalk Warning Sign (School)
- Continental Crosswalk (Public)
- Continental Crosswalk (School District)
- Standard Crosswalk (Public)
- Standard Crosswalk (School District)
- Pedestrian Walk Path (Observed)
- Reduced Speed Limit Zone (School)
- Reduced Speed Limit Sign w/ Flashers (School)

PROPOSED

- Ramp Updates
- Reduced Speed Limit Zone w/ Sign + Flashers (School) - Proposed

0 125 250 500
1 in = 417 ft



City of Ankeny
Elementary School
Walkability Study

Site 10 (S.10)

**Westwood
Elementary School**

Legend

EXISTING

- School
- Part-time STOP Control
- All-way STOP Control
- Signal Control
- Crossing Guard with Paddle
- Crosswalk Warning Sign (Pedestrian)
- Crosswalk Warning Sign (School)
- Continental Crosswalk (Public)
- Continental Crosswalk (School District)
- Standard Crosswalk (Public)
- Standard Crosswalk (School District)
- Pedestrian Walk Path (Observed)
- Reduced Speed Limit Zone (School)
- Reduced Speed Limit Sign w/ Flashers (School)

PROPOSED

- Ramp Updates
- Reduced Speed Limit Zone w/ Sign + Flashers (School) - Proposed
- Reduced Speed Limit Zone w/ Sign + Flashers (School) - To Be Removed

0 125 250 500
1 in = 417 ft

