

Intersection Safety Enhancements at 10th Street and Gray Street Intersection

The steering committee discussed issues with Gray Street and the existing bus barn created by a large area of undefined pavement where the bus barn driveway, parking for the adjacent school, and a large school drop-off zone are merged. In addition, the stop sign is set back from the road on Gray Street heading west, further complicating this busy intersection. The design team is recommending defining the different areas using painted lines. A painted or curbed island on Gray Street to separate the road from the bus barn property and to allow for the stop sign to be moved closer to the road is also proposed.



Existing view on 10th Street looking east to Parriott Street



Proposed enhancements include highly-visible crosswalks, yield to pedestrian signage in the center of the road, and the elimination of the parking spot closest to the intersection

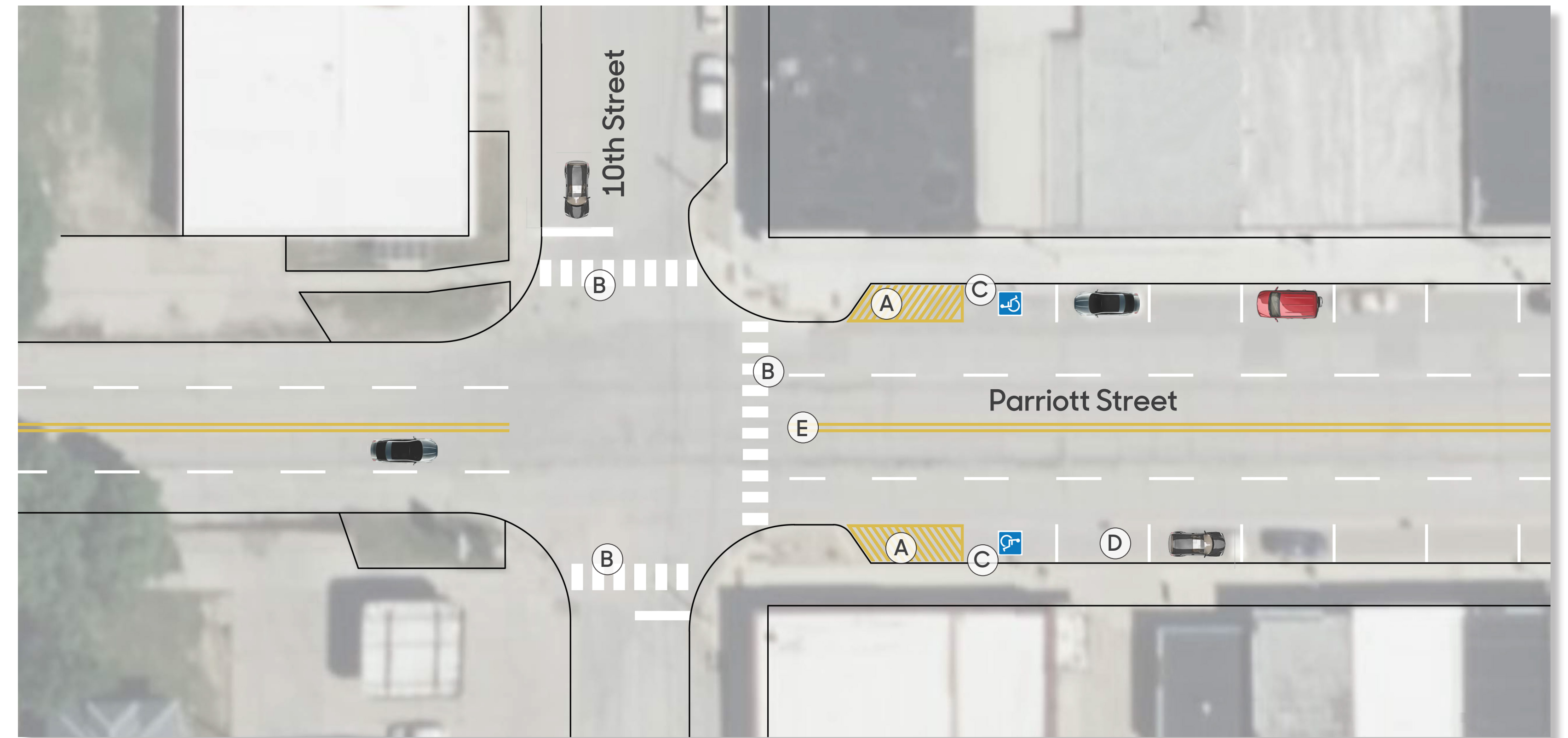
Legend

- ① Aplington-Parkersburg Middle School & Aplington Elementary
- ② Existing parking
- ③ Proposed painted lines differentiating parking area from street
- ④ Existing bus barn
- ⑤ Proposed painted lines differentiating bus barn area from street
- ⑥ Proposed relocation of stop sign to increase visibility from Gray Street



Legend

- Ⓐ Proposed removal of parking stall
- Ⓑ Proposed highly visible crosswalk
- Ⓒ Proposed handicapped parking stall
- Ⓓ Existing parallel parking
- Ⓔ Proposed pedestrian yield sign



Intersection Safety Enhancements at 10th Street and Parriott Street Intersection

Parriott Street through Aplington is a busy four-lane road that converts back to two-lanes as you leave the community. Parriott Street is also Aplington's business district with a need for additional pedestrian-oriented safety improvements. Visibility issues were a prominent concern throughout the visioning process. For example, cars parked on Parriott Street hinder visibility, (Emerging Themes, 3c). "If you're coming from the north to the south on 10th Street to Parriott, you can't see a semi coming from the west. You pull up to the stop sign, all the sudden, here comes a semi..." (What People Said, 3b). The community has already installed bump-outs at the intersections of 10th and 9th Streets, which reduces the length pedestrians must walk to get across the street.

The design team is recommending highly visible crosswalks and a yield-to-pedestrians sign in the center lane at the 10th Street intersection, but these tactics could be implemented at additional intersections in town as needed. During the analysis process and many discussions regarding transportation issues within the community, the intersection of 10th Street and Parriott Street was brought up multiple times due to poor visibility when you are turning onto Parriott Street. The design team is recommending moving the existing handicapped parking stall one space to the east to create a larger area of visibility. Creating a larger triangle of sight could help vehicles as they are maneuvering the turn onto Parriott Street heading east from both directions.

Aplington Intersection Safety Enhancements

RITLAND+KUIPER Landscape Architects

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Iowa State University | Trees Forever | Iowa Department of Transportation



Color

The colors for Iowa's Living Roadways Community Visioning consists of three palettes—the identity palette and bright and dark supporting palettes. For most applications one or more colors from the identity palette should be predominant with supporting colors added for depth and variety. This color system is most effective when applied in smaller, application-defined palettes rather than applying all colors from the system liberally.

Identity Palette

PMS

2985C / 297U

354C / 354U

382C / 388U

1665C / 1665U

CMYK

60.0.5.0

80.0.100.0

35.0.100.0

5.84.100.0

RGB

74.199.233

13.177.75

178.210.53

229.80.38

HEX

4AC7E9

0DB14B

B2D235

E55026

Bright Supporting Palette

CMYK

20.0.0.0

15.0.100.0

0.15.100.0

0.50.100.0

0.78.0.0

RGB

199.234.251

226.228.26

255.212.0

247.148.30

239.96.163

HEX

C7EAFB

E2E41A

FFD400

F7941E

EF60A3

Dark Supporting Palette

CMYK

90.0.10.65

80.0.100.60

30.80.100.60

50.100.0.20

RGB

0.86.109

0.93.34

93.37.4

122.24.120

HEX

00566D

005D22

5D2504

7A1878