



Cultural Corridor

In a downtown assessment report conducted by the Iowa Economic Development Authority in 2019, portions of the Nebraska Street corridor were identified as part of a "cultural corridor." Multiple civic amenities including the Historical Museum, POW museum, and Carnegie Library are connected via this corridor. Additionally the downtown has great historical architecture and multiple large murals that add to the arts and history relevance of this area.

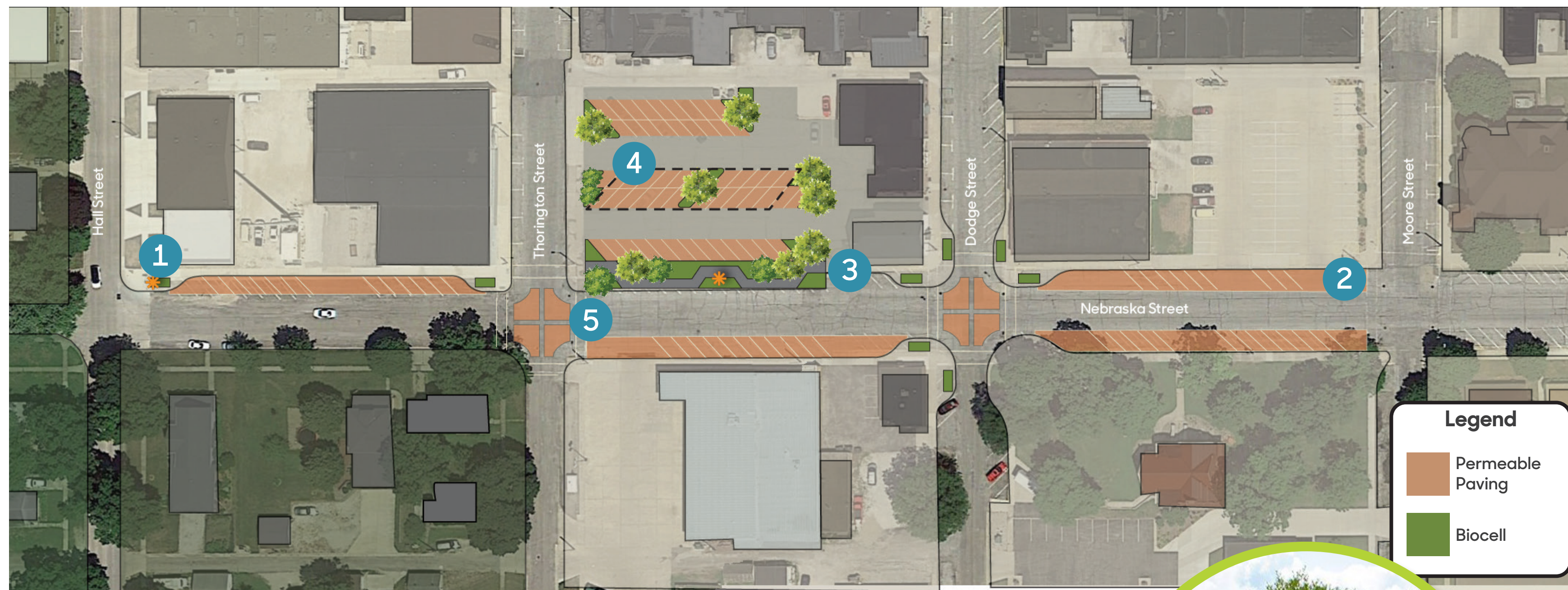
This proposal seeks to enhance the environmental sustainability and pedestrian experience of the Nebraska Street corridor with permeable paving updates, increased connectivity, and vegetation updates in underutilized parking areas.

Hall Street Entry

Hall Street is proposed as a major north-south trail connection. Enhancing the northeast corner of Hall and Nebraska Streets with plantings and artwork can establish this corner as a gateway into the corridor. This proposal's branding takes inspiration from the flower mural in downtown to create a playful entry sign, paving details, and small art pieces that could be repeated along the corridor.



Concept for updates to the northeast corner of the Nebraska and Hall Street intersection



Streetscape Updates

The design for the Nebraska street includes:

- 1 Entry landscape at Hall Street with bulb-out to reflect existing streetscape design,
- 2 Permeable paving updates to the on-street parking,
- 3 Green corridor,
- 4 Green infrastructure enhancements to the public parking lot,
- 5 Paving details that mimic existing conditions at the Dodge Street intersection.

Permeable pavers that correspond to the historical style paving details already located on Nebraska Street and in the downtown are proposed for the on-street parking zones along Nebraska Street. These pavers will allow stormwater to infiltrate along the road edge,

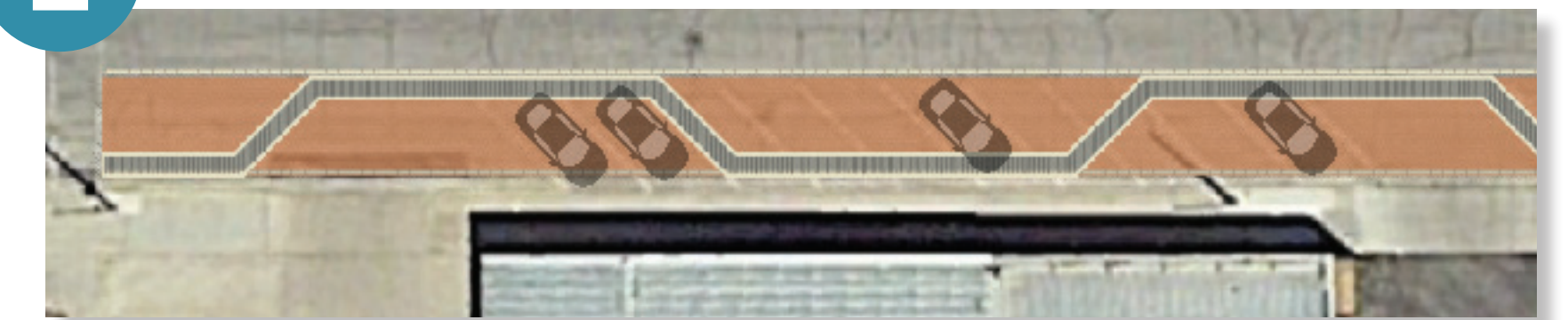
reducing ponding in the street. If successful, the permeable paved parking zones and vegetated biocells within the parking lot could become a model for future parking updates within Algona, including the public parking lot at the Moore Street intersection.



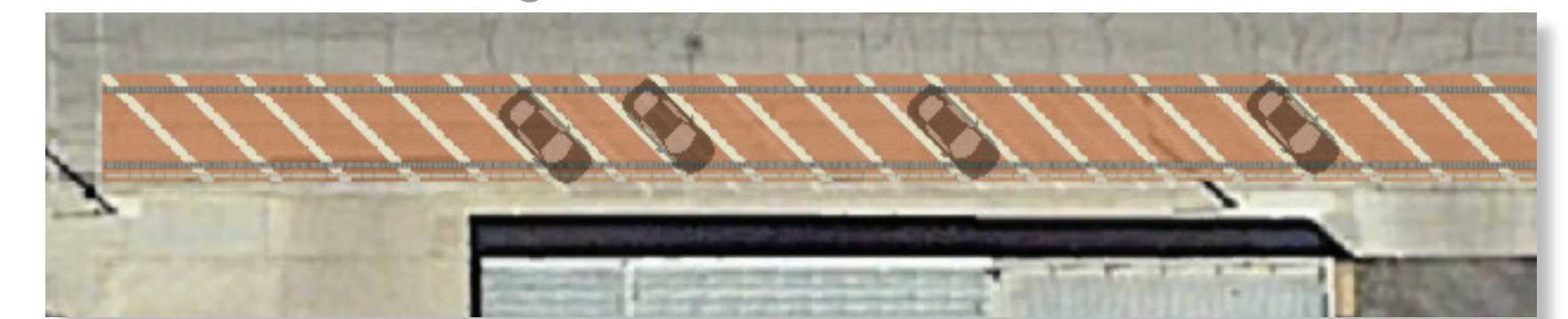
Permeable pavers and biocells work together to mitigate stormwater and create a more resilient and welcoming streetscape

curriculumnacional.cl

2 OPTION A: Corridor Shift



OPTION B: Angled Railroad Pattern



OPTION C: Angled Stripes



Paving Options

Multiple options are proposed for the design of paving patterns. Option A responds to the design of the green corridor while options B and C aim to imply the angled parking arrangement to maintain organization, while still providing a unique character for the street.

Algona Nebraska St. Corridor

ISU Community Design Lab

LAs: Carl Rogers and Chad Hunter

Interns: Britney Markhardt, Linus Larson, Trevor Smith and Jaelyn Waddle

Iowa State University | Trees Forever | Iowa Department of Transportation





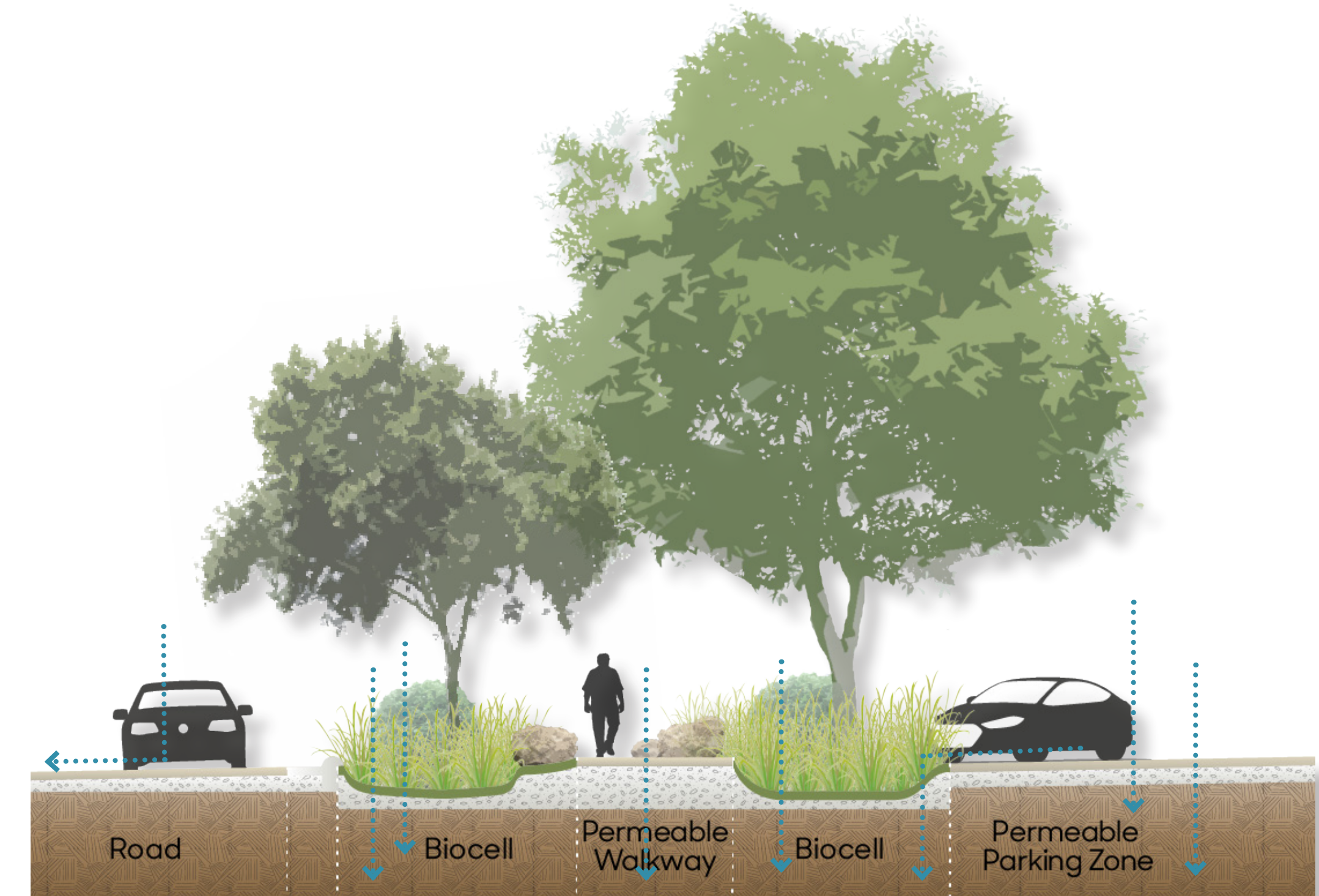
Parking lot layout highlighting zones for permeable pavers and vegetated biocells

Thorington-Nebraska Parking Lot

The Thorington-Nebraska parking lot has itself been identified as a place of potential improvement by the steering committee. This design aims to expand on the parking lot's usage through the addition of biocells and shade trees to allow the lot to accommodate community events such as the farmer's market and reduce wear to the Carnegie lawn.

Solar-Panel Carport

A solar-panel carport has been identified by the steering committee as a potential feature for the public parking lot at Thorington and Nebraska Streets that could both provide shade and electricity for nearby streetlights.



Cross-section of proposed green corridor and green infrastructure updates for the parking lot

Green Infrastructure

Biocells and permeable paving zones will capture, filter, and infiltrate stormwater runoff from the adjacent parking lot.



Green Corridor site plan noting materiality and placement for seating and artwork/interpretive signage

Green Corridor

The green corridor replaces currently underutilized angled parking with a needed pedestrian connection immersed in vegetation. This linear plaza is a great location to continue to celebrate Algona's culture and history.

- 3a Artwork or interpretive panels intermingled into the plantings will create a more inviting and educational space.
- 3b Benches will be situated within small, brick-paver alcoves under the shade of the trees to provide places to pause and enjoy the plantings.
- 3c Multiple trees are proposed for the corridor to create shade, but are spaced to allow for framing of the large mural that adorns the back of the buildings to the north.



View looking east down the Green Corridor on Nebraska Street

Pedestrian Experience

Visitors passing through the corridor will meander like the river past native plantings that help infiltrate and filter stormwater. Stories will be told through artwork tucked into the landscape. The shade of the trees will make this a welcoming place to pass through or stop and people watch.