

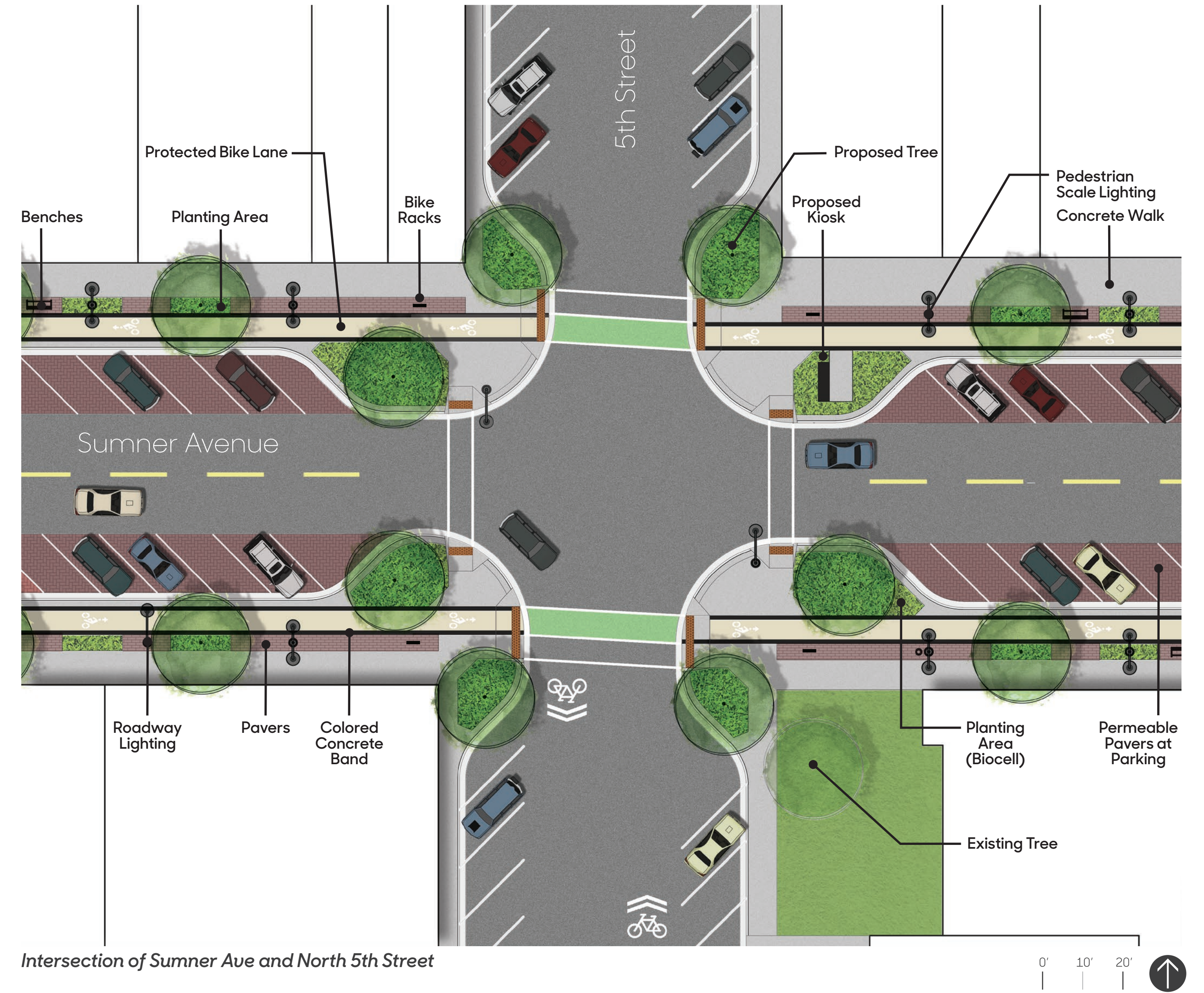
Concept Plan of Sumner Avenue



Birds Eye View of Intersection - Sumner Ave + Taft Street

Streetscape Improvements

Sumner Avenue extends the business district east, off of Highway 169 on the southeastern end of town. Located in this area are businesses such as restaurants, banks, and service providers, along with municipal offices and the Humboldt Family Aquatic Center, making this an active street for Humboldt residents. However, aging existing conditions are hindering pedestrians' experiences while carrying out everyday activities such as biking, shopping, or dining in the area, thus warranting an updated streetscape on Sumner Avenue between 9th and 2nd Street. Humboldt's downtown improvements include bump-outs, street trees, biocells, lighting, signage, site furnishings, and protected bike lanes; all factors which help create a safer, more enjoyable experience for all users downtown.



Intersection of Sumner Ave and North 5th Street

Humboldt

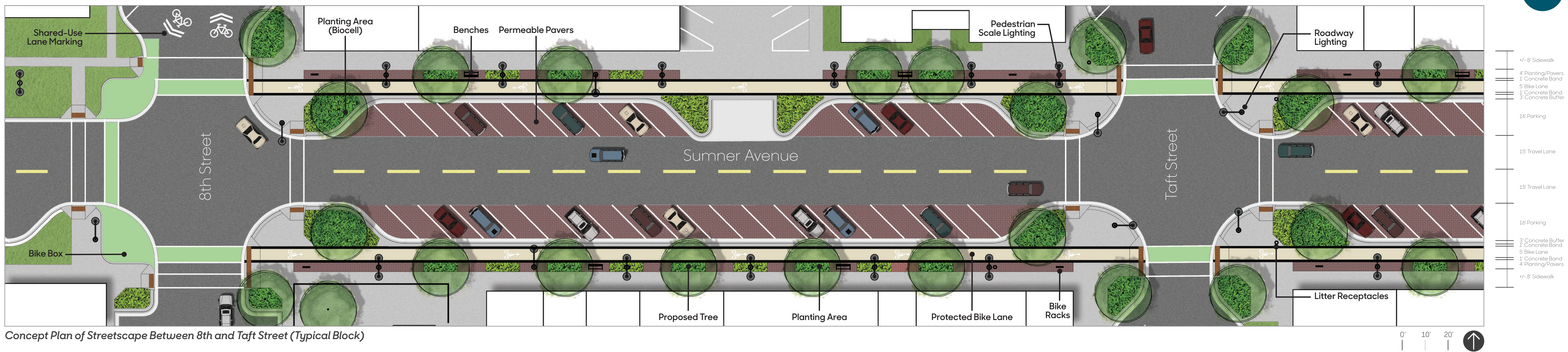
Sumner Ave Streetscape

Design Team

LA: Dylan Jones, PLA, LEED GA
Intern: Hannah Schmitz

Iowa State University | Trees Forever | Iowa Department of Transportation





Concept Plan of Streetscape Between 8th and Taft Street (Typical Block)



Rendering of Proposed Streetscape



Proposed Bike Racks and LED Pedestrian Lighting (see 8a for benches/litter receptacles)

Streetscape Improvements

The proposed plan incorporates safety, aesthetic and ecological enhancements along Sumner Avenue. Safety is promoted through protected bike lanes, which are created using a hierarchy between raised sidewalks and bike lanes, parallel parking, and travel lanes. Planting areas, pavers, and decorative concrete are also used to create a distinct separation between pedestrians and cyclists, while also providing aesthetic benefits along the corridor. Intersections will include bump-outs to improve pedestrian safety through reduced crosswalk lengths, while offering additional greenspace for perennial plantings, street trees, and biocells. Biocells at intersections and permeable pavers at parking areas create ecological advantages by slowing down, filtering, and infiltrating stormwater runoff along the roadway. Other amenities and improvements consist of planting areas, benches, litter receptacles, and pedestrian and roadway lighting. Creating a downtown identity with new streetscape amenities throughout Sumner Avenue will allow Humboldt to enhance pedestrian experiences and amplify what the community has to offer.

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