

Improvements Diagram at High Trestle Trail Intersection with Highway 17.

1. Cribbings

By repeating the form of the steel cribbings, the intersection is visually connected to the High Trestle Bridge. These cribbings also give indication to the trail-users and vehicular traffic that the intersection is approaching.

2. Painted Crossing Stripes

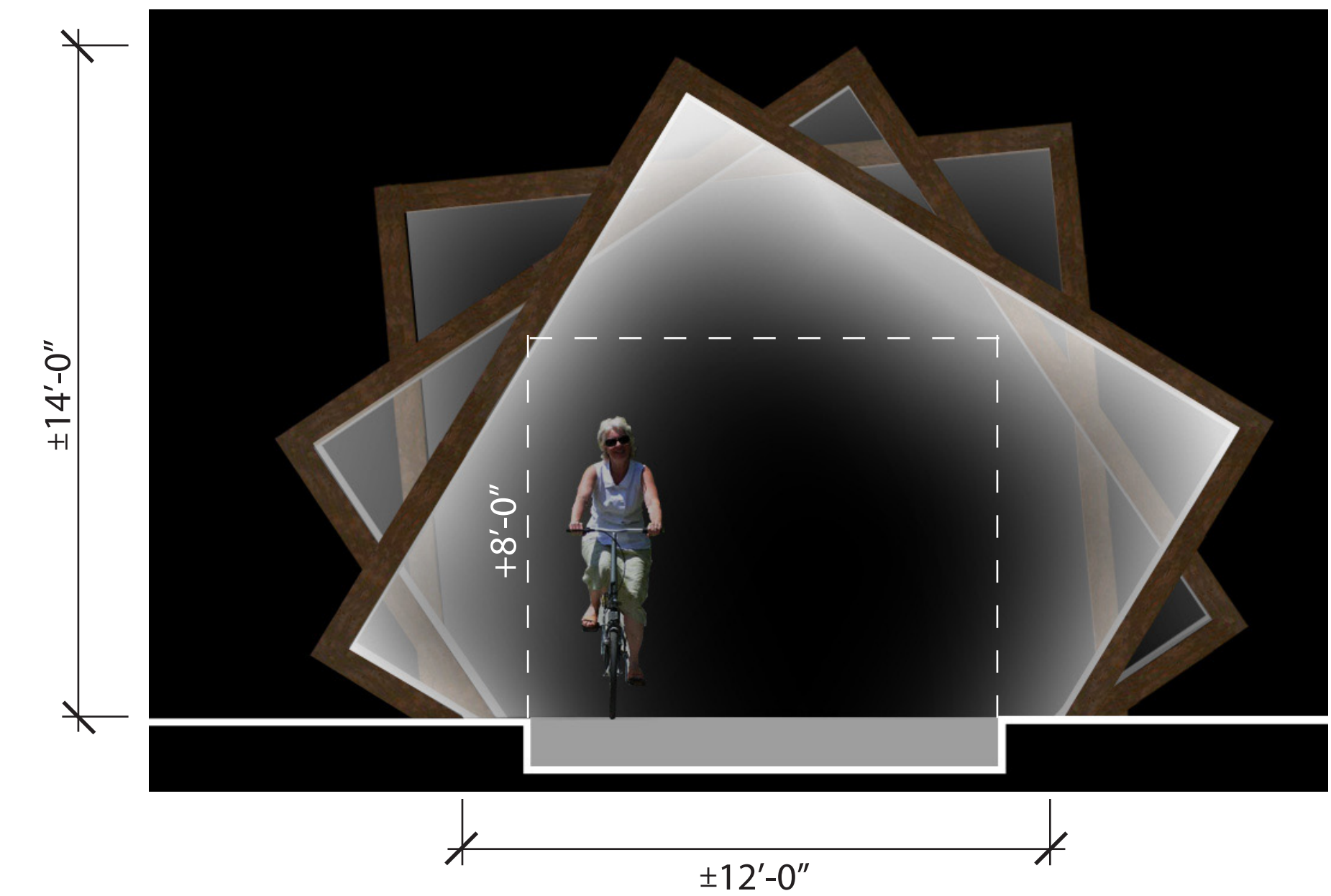
These painted crossing stripes provide trail-users with a guide for where to cross, while also reminding vehicles that it is a pedestrian crossing.



3. Advance Crossing Signage

Though the intersection currently has crossing signs, it lacks the signage further in advance of the crossing.

Locating crossing signs further in advance of the trail would signal drivers to be on the look-out for trail users and proceed with caution towards the trail. The Iowa D.O.T. should be consulted regarding where exactly these signs should be placed.



Clearance Zone & Illumination: This graphic shows the approximate size the cribbings need to be in order to ensure a safe 8 foot clearance on the entire multi-use trail. It may be possible to illuminate the cribbings at night.

Highway 17 is a highly trafficked road that runs north and south through town. Likewise, the High Trestle Trail is a popular multi-use trail for people in central Iowa. Where the highway and trail meet is a hazardous intersection for both parties. There are multiple reasons for this, but the main one is because of the lack of signage and indication. Proposals to make this intersection safe include painted crosswalk stripes and advance crossing signs. An additional option is the placement of steel cribbings over the trails that would give indication to both trail-users and vehicles that the intersection is near.

The major restriction concerning the intersection is the Highway right-of-way, which is approximately 16 feet 6 inches on either side of the road. Anything in this right-of-way has to meet the regulations and standards of the Department of Transportation. The advance crossing signs and painted crosswalk strips are approved to be in the right-of-way.

Madrid

Safe Intersection

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