

High Trestle Trail

The High Trestle Trail is an incredibly important recreational amenity in Madrid. Emphasizing and improving the connection to Madrid's downtown will help integrate trail users with local businesses. The visual bike sharrow is continued from the road and onto the entry path until it meets with the High Trestle Trail. The ground-plane sharrow is supplemented by large sculptures that resemble pieces of coal, promoting the connection to Madrid's mining history. This design solidifies the informal parking area with an asphalt lot to provide additional access to the trail from downtown. The coal sculptures and the rail treatments on the ground plane help act as signifiers of the access to downtown and where to get off/on the trail. Lighting along the trail will also create a safer and more enjoyable environment for trail users at night. These lights could be programmed to turn off at certain times of night or during periods of low use to limit disturbances to neighboring homes and communities.

continued on Board 7b



**Madrid**  
High Trestle Trail

**RDG Planning & Design**  
LAs: Nate Byro, PLA, ASLA; Bruce Niedermyer, PLA, ASLA, LEED AP  
Intern: Dani Hodgson  
Iowa State University | Trees Forever | Iowa Department of Transportation







Proposed at all trail connections within the city id a series of coal sculptures. These sculptures emphasize the connection, while becoming a monumental symbol to connect the High Trestle Trail to Madrid. These sculptures continue the theme around which the iconic High Trestle Trail bridge was conceptualized, without distracting from the power of that destination. Madrid is very proud of it's mining history, and these sculptures celebrate it.

Made from a metal mesh material, the sculptures take on an industrial feel to coincide with the proposed identity of Madrid. Because of the steep slope of this hill connecting the two paths, planting native prairie grasses in this area would help control stormwater runoff and add aesthetic value to the landscape.

continued on Board 7c



Existing view of trail looking east

Madrid

# Proposed Trail – Daytime

**RDG Planning & Design**  
LAs: Nate Byro, PLA, ASLA; Bruce Niedermyer, PLA, ASLA, LEED AP  
Intern: Dani Hodgson  
Iowa State University | Trees Forever | Iowa Department of Transportation







It is important to add lighting along the trail to increase safety for its users. It was a heavily requested improvement from the community survey. An industrial-style overhanging light will be located along the trail throughout the city of Madrid to provide visibility. Additional lighting could be provided through a catenary lighting system that would attach on tethers connected to light posts. The coal sculptures also provide a soft glow at night, and could have the ability to change colors to match town holidays or events. These monumental icons continue to aid with way-finding toward the city of Madrid as they are stationed along entries/exits of the trail.



Trail pathway lights example

# Madrid

## Proposed Trail – Nighttime

**RDG Planning & Design**  
LAs: Nate Byro, PLA, ASLA; Bruce Niedermyer, PLA, ASLA, LEED AP  
Intern: Dani Hodgson  
Iowa State University | Trees Forever | Iowa Department of Transportation

