



Plan view of proposed school crossing



School Crossing

Traffic along Highway 17 interferes with students crossing the road to get to Madrid Junior and Senior High School. Currently, the only designated crossing area is at this intersection, which handles almost all of the pedestrian traffic going to the school. This design proposes a newly painted crosswalk and a Rectangular Rapid Flashing Beacon (RRFB), that is activated by pedestrians. This design also proposes a sidewalk on the west side of Highway 17 extending to the south. This path would emphasize the connection to the residences on that side of the roadway, instead of forcing students to prematurely cross Highway 17 or trek across the existing landscape.



Existing view of school crossing looking north

Madrid

Proposed School Crossing

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

