Project at a Glance
• Rebuild and replace gravel road with new bituminous roadway that enables safe and dependable public access to Regional Science Center educational programs
• Provide a funding solution that enables Minnesota State University Moorhead to continue to offer natural science and environmental education programs without reducing or discontinuing other university programs needed in the region

Project Description
The only entrance to Minnesota State University Moorhead’s Regional Science Center is a gravel road in serious disrepair, presenting unreliable access and at times potentially unsafe travel conditions. When the road becomes impassable, scheduled programs must be cancelled, and staff members are forced to temporarily relocate to other facilities. This condition disrupts the delivery of the university’s educational programs, especially delivery of natural science and environmental programs in this rural region of Minnesota.

The road is difficult to use, particularly during wet conditions, because it is immediately adjacent to a swamp located on prairie land protected by the state park service. At times, particularly after heavy rains, the road is impassable because it becomes muddy with 6- to 9-inch ruts on a surface saturated by water flowing over part of the road surface. The base of the existing road has been undermined by erosion, and the original asphalt covering disintegrated long ago. The road surface requires significant maintenance such as frequent grading, and potholes are filled regularly with class five aggregate, which erodes annually. In 2005, a school bus carrying grade school children to an event at the Regional Science Center had its front end drop into the adjacent bog. As a result, children on the bus had to exit through the bus’s rear emergency door.

The funding will allow the road to be stripped and rebuilt with more appropriate base fill materials according to appropriate design standards, including installation of a culvert and a durable 6-inch asphalt layer on the road surface.

Road location: The 1.5-mile road is located in Clay County, 15 miles east of Moorhead in rural Riverton Township. It is only accessible from Minnesota Highway 10 at 155th Street South. The road begins and heads east of 155th Street South for approximately three-quarters of a mile before jogging to the south, where it terminates at the Regional Science Center.
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This aerial photo shows the Regional Science Center, part of the Minnesota State University Moorhead, located at the end of a gravel road that is in serious disrepair and often impassable. The center is at the bottom right of the photo, above.