YUCATAN TOWNSHIP
SEAL COATING ON MUHLE COULEE RD

Project Number: 2007-01

Project Leader: Elvin Paulson

Agency: Yucatan Township
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Problem: With the grade on the Muhle Coulee Hill, along with its curves, create a problem for keeping the surface smooth. With the numerous washboards from trucks and trailers, it is hard for them to keep up their speed and reach the top of the Hill.

Solution: To put Seal Coating on the top ½ mile of the Muhle Coulee Hill.

Procedure: We contracted Knife River to apply the Seal Coat. First the gravel was applied and then graded. Next the hot oil and chips were put down and rolled to a smooth surface. In the attached pictures, you can see the steps as well as the steep grade and curves of the road.

Results: As you can see on the pictures, there is a smooth surface now for the traffic. With the flood in August after the Seal Coating was done, there was an extreme amount of gravel trucks hauling on this road since we have 2 quarries located there. These trucks went for 12-14 hour days and the seal coating stood up the heavy use.

Cost: $37,925.00 ($10,000.00 approved for the project)

Status: Completed
Dumping Gravel

Grading gravel level
Spraying Hot Oil

Putting down chips mixture
Seal Coat

Packing down seal coat