

GEOPAVE®

PERMEABLE AGGREGATE ROAD SHOULDERS

PROJECT LOCATION

North Barrington, Illinois

PROJECT APPLICATION

Aggregate Road Shoulder

CONTRACTOR

Cuba Road District

MATERIAL SUPPLIER

ERO-TEX



Permeable Pavers
Stabilize Shoulders,
Mitigate Water Issues

City of North Barrington

North Barrington, Illinois



1



2



3



4

1 & 2) Connected GEOPAVE units along the road edge. Cut and staggered units accommodated a 20 ft. radius curve on the site.
3 & 4) Infilling the Geopave units with roadbase gravel over a 6-inch depth rock base.

PROJECT SUMMARY

Representatives from ERO-TEX provided hands on support to Cuba Road District workers to install the GEOPAVE® Porous Pavement System on a problematic road shoulder area for the City of North Barrington, Illinois, an affluent suburban village.

THE PROBLEM

Excessive sheet flow runoff down a narrow hilly section of roadway caused concern of sediment washout into a nearby restored watershed/creek. In freezing conditions, the sheet flow runoff posed dangerous ice conditions on blind sections of the roadway. In addition, due to North Barrington's narrow pavement and lack of road shoulders, road edges easily became rutted and collected standing water. This standing water further made road shoulders unstable and reduced load support for vehicles.

THE SOLUTION

The permeable GEOPAVE® System not only provided positive drainage away from the road, but also created a stable driving shoulder suitable for supporting vehicle loads even during heavy rain events.

Create a CSI-Spec



PRESTO GEOSYSTEMS® Appleton, Wisconsin USA

Ph: 800-548-3424 | 1-920-738-1328 E: info@prestogeo.com ▪ www.prestogeo.com

GEOPAVE® is a registered trademark of Reynolds Presto Products Inc.

GEOSYSTEMS