

Synteen Biaxial Geogrids

Brunner Island Railroad Yard North Railway Stabilization Mt. Wolf, PA

Subgrade Reinforcement

A Case Study

Project

Brunner Island Railroad
Yard North

Location

Mt. Wolf, PA

Owner

PPL

Contractor

Stewart & Tate
York, PA

Installer

Stewart & Tate
York, PA

Problem

Existence of soft
Subgrade soils.

Solution

Construct reinforced
subgrade comprised of
Synteen SF12A high
strength geogrid, filter
fabric and crushed
stone.

Synteen

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The Brunner Island Power Plant makes electricity by burning coal, our nation's most abundant energy source.

Since the Brunner Island Power Plant burns over 3 millions tons of coal per year, the demands on their railway transportation are severe.

When PPL needed to add an additional 9,000 linear feet of track to their existing railroad yard, they chose Synteen SF12A due to its ability to sustain extreme trafficking loads over very poor subgrade soils.

By utilizing Synteen SF12A biaxial geogrid, an affordable, long-term solution was provided to PPL. Wide roll widths and ease of deployment, produced an efficient installation of Synteen SF12A.

Stewart & Tate purchased SF12A from Synteen distributor Ferguson Waterworks located in Philadelphia, PA.

