



Saint Louis, Missouri

PROJECT

Municipal River Terminal, South Dock Reconstruction/Middle Dock and South Dock Construction

LOCATION

Saint Louis, Missouri

PRODUCT

TriAx® TX160 Geogrid

QUANTITY

25,000 square yards

CONTRACTOR

St. Louis Bridge Construction Company

DESIGNER

Nigel Nixon and Partners

INSTALLATION DATE

February 18-22, 2013

PAVEMENT SECTION

12" of Aggregate alternating with two layers of TX160 geogrid

PROJECT DETAILS

St. Louis Bridge Construction Company was hired to reconstruct several docks along the Mississippi River. The docks were to be unpaved and would be subject to frequent crane and truck traffic. Working with the designer, Nigel Nixon and Partners, to determine design traffic and subsurface profile, Tensar developed an alternate design to Geoweb cellular confinement. The Tensar design consisted of 2 layers of TX160 with one foot of aggregate atop each layer. The 2-layer design allowed for significant cost savings in both the material and time to construct.



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