



# Post-Tensioning Project

## Blennerhasset Bridge

Location: Parkersburg, West Virginia, USA

### 1. PROJECT OVERVIEW

<b>Project Name:</b>	Blennerhasset Bridge & Approaches Project
<b>Activity type:</b>	Post Tensioning & Stay Cables
<b>Location:</b>	Parkersburg, West Virginia
<b>Owner:</b>	West Virginia DOT
<b>Contractor:</b>	Walsh Construction
<b>Time period:</b>	2005

### 2. DESCRIPTION

The 4000' vehicular bridge will include one (1) – 878'-6" tied arch main span supported from fifty-two (52) stay cable hangers. The approach spans are supported on concrete piers with post-tensioned pier caps. The main span piers, Piers 3 and 4 also have vertical prestressing at the shear keys. The tied arch cast-in-place concrete deck is post-tensioned longitudinally with thirty-four (34) 1" diameter thread bar tendons.



Blennerhasset Bridge Project over the Ohio Branch near Parkersburg, West Virginia, USA



### 4. CONTACT

Freyssinet LLC  
44880 Falcon Place, Suite 105  
Sterling, Virginia 20166  
USA  
Tel: (703)-378-2500  
Fax: (703)-378-2700  
<http://www.freyssinetusa.com>

### 3. FREYSSINET LLC SCOPE OF WORK

1. Supply of Post-Tensioning materials and equipment
2. Onsite technical supervision for the installation of Freyssinet Stay Cable Hangers and Post-Tensioning Systems at the