

Shady Grove Yard Metro Matters Gaithersburg, MD



Scope of Work

- Design – Assist Subcontract.
- All electrical, traction power, ATC, and communications work required for the expansion of an existing WMATA Service and Inspection Shop and modifications to the existing rail yard.
- Electrical system includes modifications to an existing AC switchboard, power distribution, and lighting.
- Traction Power includes the installation of a new DC switchboard, a stinger rail system to move train cars within the shop building.
- ATC system includes modifications to the existing train control room and rail yard.
- Communications systems include Telephone, Public address, Fire and Intrusion Alarm and Closed-Circuit Television.

- *Owner:*
WMATA
Randy Allen
- *MEP Engineer:*
SYSTRA Consulting, Inc.
- *Architect:*
HDR, Inc.
- *General Contractor:*
Hensel Phelps

Reference:

Hensel Phelps
David Milford, Project Manager
dmilford@henselphelps.com

Date Completed:

December 2007

Contract Value:

Approximately \$5 million

Greenbelt Yard - Metro Matters Beltsville, MD



Scope of Work

- Design – Assist Subcontract.
- All electrical, communications and systems work associated with the construction of a new, two story 72,000 sq/ft back shop building at the Greenbelt Yard Facility.
- Expansion of the wheel and axle repair areas in the existing Greenbelt Service Inspection Shop.

- **Owner:**
WMATA
Ed Shepperson
- **MEP Engineer:**
SYSTRA Consulting, Inc.
- **Architect:**
HDR, Inc.
- **General Contractor:**
Hensel Phelps Construction Co

Reference:

Hensel Phelps Construction Co
David Hutt, Project Manager
Email: dhutt@henselphelps.com

Date Completed:

December 2007

Contract Value:

Approximately \$5.5 million

New Carrollton Yard Expansion Lanham, MD



Scope of Work

- Design – Assist Subcontract.
- Installation of Automatic Train Controls, Traction Power and Communications Systems for the New Carrollton Yards.
- In addition to the new Shop and Inspection facility, the project includes five new ladder tracks that extend through the building and the associated electrical work.
- Traction Power scope includes modifications to the existing Yard Traction Power Substation (TPSS) and Tie-Breaker Station (TBS) to feed new contact rails including installation of TPSS and TBS equipment.
- Furnish installation of Contact Rail Heating and Automated Energy Management (AEMS) systems.

- **Owner:**
WMATA
Pat Yerdon
- **MEP Engineer:**
SYSTRA Consulting, Inc.
- **Architect:**
HDR
- **General Contractor:**
Hensel Phelps Construction Co

Reference:

Hensel Phelps Construction Co
Will Thompson, Operations Manager
Phone: 703-628-0989
Email: wthompson@henselphelps.com

Date Completed:

September 2006

Contract Value:

Approximately \$11.6 million