

Blue Line Extension to Largo Line, Trackwork & Systems Largo, MD



Scope of Work

- Design – Assist Subcontract
- Complete Traction Power, Facilities Electrical and Communications Systems.
- Traction Power includes two substations and one tiebreaker station, each comprised of AC and DC switchgear lineups, rectifier transformer, rectifier, negative switchboard, UPS system and AC / DC busway.
- Also included are Rail Heater, ETS, DTS and AEMS Systems plus modifications to existing Addison Road traction power substation.
- Facilities Electrical includes AC switchgear lineups, UPS systems, emergency generator system and tunnel electrical.
- Communications Systems include Fire and Intrusion Alarm (FIA), Telephone (TEL), Closed Circuit Television (CCTV) and many other systems.

- **Owner:**
WMATA
Randy Allen / Ed Shepperson

- **MEP Engineer:**
Jacobs Civil, Inc.

- **Architect:**
Jacobs Civil, Inc.

- **General Contractor:**
LGS, Inc.

Reference:

LGS, Inc.

Joe Lark, Deputy Project Director

Email: JPLark@laneconstruct.com

Date Completed:

December 2004

Contract Value:

Approximately \$25 million

Blue Line Extension to Largo Stations & Parking Facilities Largo, MD



Scope of Work

- Design – Assist Subcontract.
- All electrical and communications work required in the construction of the new Morgan Boulevard and Largo Town Center passenger stations, parking garage, and Child Care Center.
- Electrical systems include all platform and site power distribution, lighting, and lighting control.
- Communications systems include Passenger Information Display (PIDS), Garage Emergency Telephone (GETS), Closed Circuit TV (CTV), Fire Intrusion Alarm (FIA) and Telephone (TEL).
- Pure Design-Build project requiring contractibility review of all design documents at 30%, 60%, 90%, and 100% design levels.

- **Owner:**
WMATA
Randy Allen / Ed Shepperson
- **MEP Engineer:**
John J. Christie & Associates
- **Architect:**
HSMM
- **General Contractor:**
Clark-Kiewit Largo, Joint Venture

Reference:

Clark-Kiewit Largo
Phil Sheridan, Project Manager
Phone: 301-272-8100
Email:
phil.sheridan@clarkconstruction.com

Date Completed:

December 2004

Contract Value:

Approximately \$10 million