



Washington Metropolitan Area Transit Authority

# **IFB NO: FQ16005/WJG**

# **Technical Presentation**

**STRUCTURAL RETROFIT OF B9 BEAM AT  
FARRAGUT NORTH METRORAIL STATION**

November 04, 2015 / 3:30 PM / JGB Board Room

Richard Smith



# FQ16005/WJG Technical Presentation Agenda

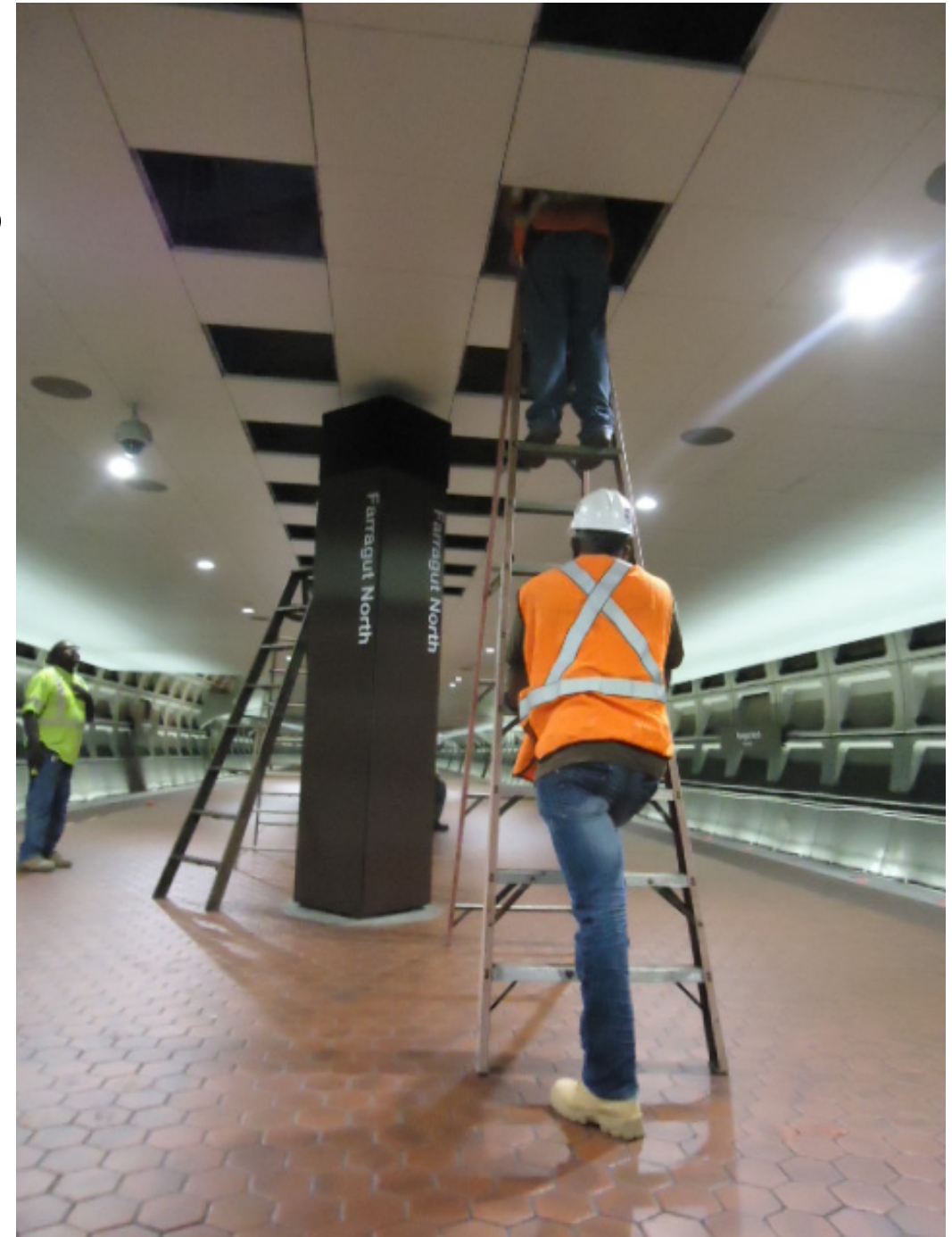
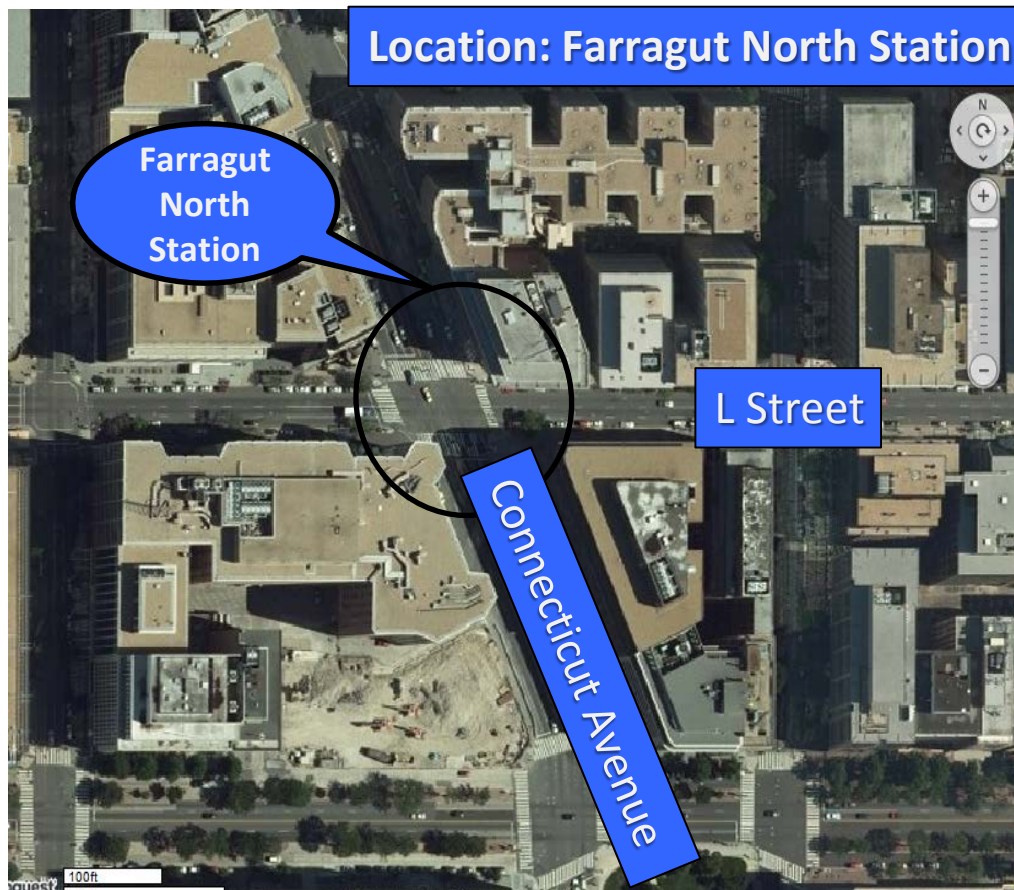
- Location Information
- Work Elements/Scope
- Access
- Adjacent Work by Others
- Questions/Conclude
- Site Visit



# Location Information

## A02 Farragut North Station:

- Street access to site for workers
- Hand tools and small-scale materials can be delivered to site via elevator and escalator. Keep in mind the patrons must not be impacted if the station is not fully vacated.
- WMATA will not provide parking or train fares.





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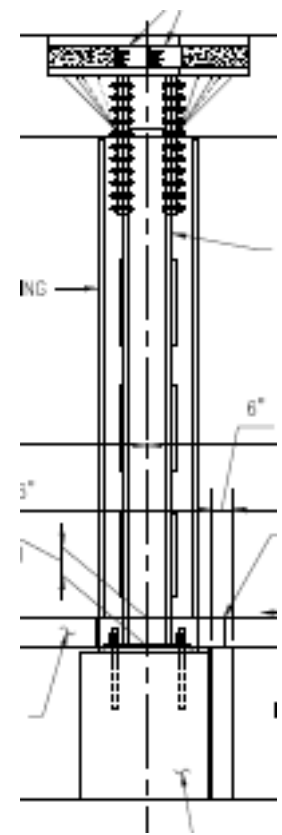
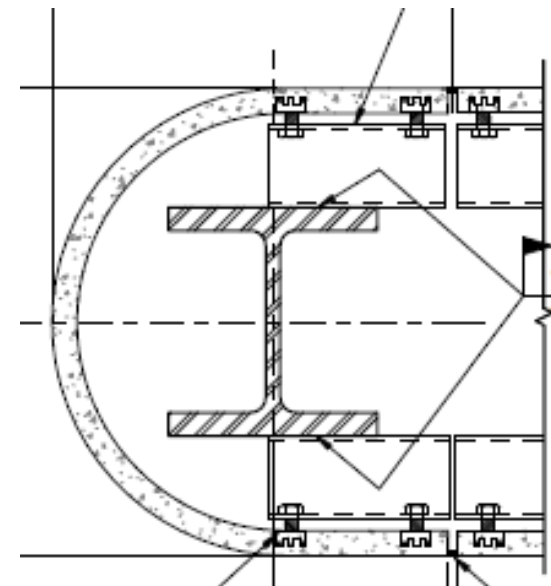
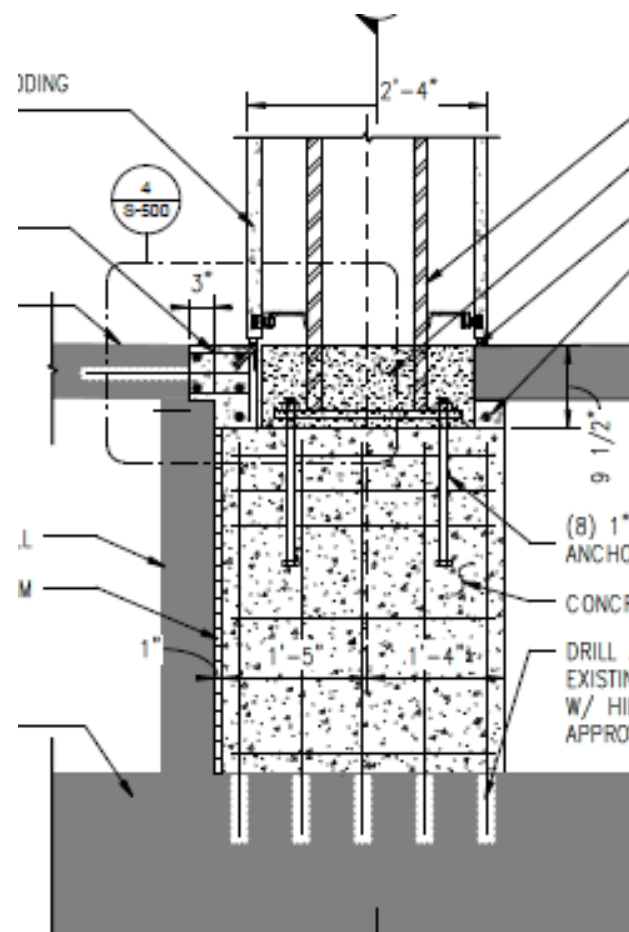


# Work Elements/Scope

The retrofit will consist of a permanent support installed at the mid-span of Beam B9. This support shall be structural steel columns with exterior cladding supported on concrete pedestals anchored on the station invert. Columns shall be preloaded using a controlled jacking procedure.



- ✓ Temporary Barricades
- ✓ Granite Bench
- ✓ Demolition
- ✓ Metal pan ceiling
- ✓ C-I-P Concrete pedestals
- ✓ Steel Columns
- ✓ Jacking
- ✓ Cladding
- ✓ Ductwork
- ✓ Restoration





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# 01141 ACCESS TO SITE/TABLE 01141-01

Type	Work Hour Category	Report to Site Time	Access to Site Time	Off Site Time	Hours of Work	Description
<b>Non-Revenue Hours of Work Track Rights Required (Daily)</b>						
1	Non-Revenue Weekday	Mon-Fri 00:30	Mon-Fri 01:30	Mon-Fri 03:30	2	Any work within 5 feet of platform edge or which may have the potential to foul the tracks.
<b>Non-Revenue Hours of Work Track Rights Not Required (Daily)</b>						
2	Non-Revenue Weekday	Mon-Fri 00:00	Mon-Fri 00:30	Mon-Fri 04:30	4	Work occurring after all patrons have completely vacated the platform and the station has closed.
<b>Hours of Work Track Rights Not Required and Within Barricades at Onset (Daily)</b>						
3	Non-Revenue Weekday	Mon-Fri 22:00	Mon-Fri 22:30	Mon-Fri 04:30	6	Work may begin at 22:30 if all activities are entirely contained within the barricades. No work within 5 feet of platform edge or which may have the potential to foul the tracks will be permitted at any time.
<b>Hours of Work Within Barricades Non-Invasive (Daily)</b>						
4	Weekday	Mon-Fri 08:30	Mon-Fri 09:00	Mon-Fri 04:00	7	Work which is contained in its entirety within the temporary barricades. Work must be non-invasive and each planned activity reviewed and approved by COR. Work may be permitted to occur during revenue hours on a case by case base at the sole discretion of the COR. No work within 5 feet of platform edge or which may have the potential to foul the tracks will be permitted at any time.

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Type 1 Access

- Types 2, 3, or 4 may be utilized simultaneously with Type 1 and their quantity is not restricted.
- All access requests are subject to approval by WMATA COR.



### **Milestones and Critical Durations:**

- Period of Performance for FQ16005=365 CD's
- Contractor is granted platform access to install temporary barricades and commence major construction Operations on or after NTP+75 CD's
  - Major Construction Operations must be completed within 170 CD's from the date when contractor was granted platform access and barricades removed.
- Substantial Completion FQ16005=NTP+270 CD's
- Punch List Complete & Site Restored=NTP+300 CD's





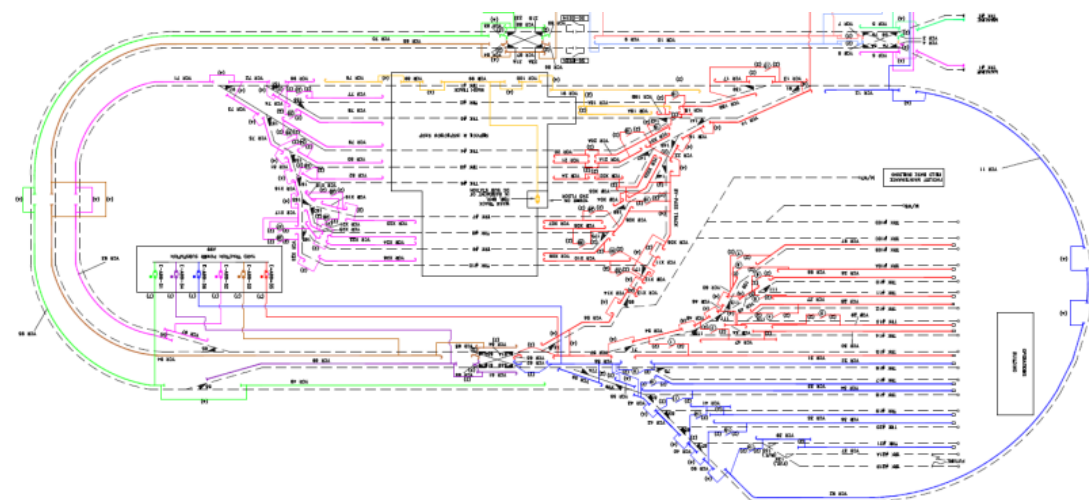
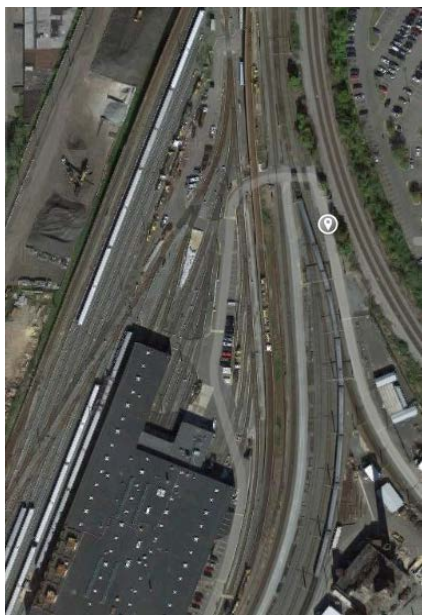
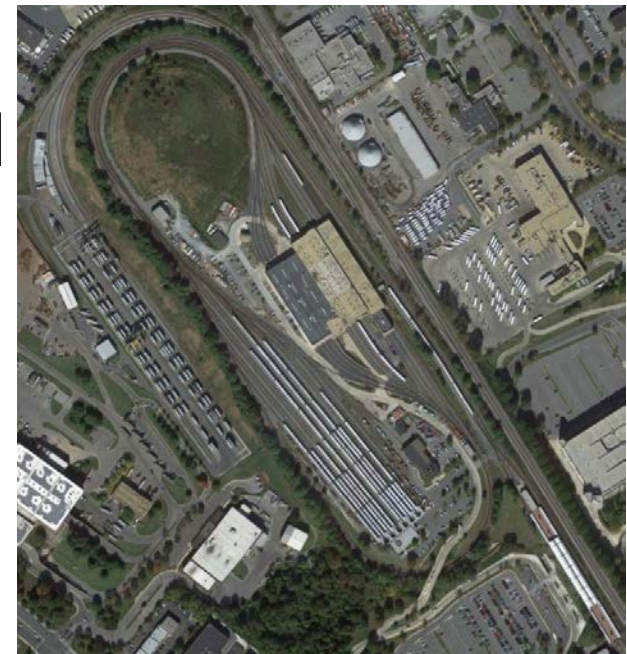
# Yard Access for Delivery of Material and Equipment

## WMATA Rail Yards (Brentwood and Shady Grove)

Brentwood Yard  
601 T St., NE,  
Washington DC  
20018



Shady Grove Yard  
15903 Somerville  
Rd., Rockville MD  
20855



Use of WMATA furnished prime mover and flat car for delivery and retrieval of equipment, materials, and rubbish.

## **6 USES OF PM & FLAT PROVIDED TO CONTRACTOR**

(1 Trip from yard to A02 and return)





## Access/Administrative/Safety

Submit the following documents to the COR for approval to work in accordance with Section 01330, SUBMITTAL PROCEDURES:

- 1. Site Specific Work Plan (SSWP):** Submit a SSWP request to the COR **90 Days** prior to the planned start of Work date.
- 2. Track Rights requests (GOTRS):** Track rights requests by the Contractor must be submitted not later than **30 Days** prior to Monday of the week when the Work is to start.
- 3. Switch Orders:** Submit at the time of **track rights request** submission.
- 4. Escort Request Form:** Submit by **Monday 12:00PM** for the following week's planned Work.
- 5. Yard Access: 7 Days** in advance of requiring access to perform Work.



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# Adjacent Work by Others

## Work Performed by Others:

WMATA contemplates to have the following construction work adjacent to the Work Site at the time of Contractor's Work. This is the best available information at the time of the IFB issuance. The work listed below, time and other details may change at a later time

Table 01110-02: Summary of Work by Others

Description	Anticipated Start Date	Principal Area of Work
Contact Rail Replacement	1 <sup>st</sup> Quarter 2016	A04-A07
Mezzanine Lighting	4 <sup>th</sup> Quarter 2016	A02 Station
Chiller Plant and Piping	1 <sup>st</sup> Quarter 2016	Connecticut Avenue
Radio Infrastructure Replacement -T-Band Relocation Project	3 <sup>rd</sup> Quarter 2016	Red Line



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# QUESTIONS





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## Site Visit

- **When: Today at the conclusion of this presentation.**
- **Where: Farragut North Metrorail Station Platform Level North/Outbound End at Granite Bench.**
- WMATA representative will remain at this location for 30 Minutes to field any questions about the project.
- All attendees will be required to have with them OSHA approved safety vests for identification. Attendees that have a current WMATA Contractor ID shall display their ID. Attendees not holding WMATA Contractor ID shall specifically identify themselves to the WMATA representative on site. Attendees will be required to provide their own fare to ride the Metrorail System.

\*If there is a high volume of representatives requesting to participate, we ask that it be limited to 2 per company. This site visit may be rescheduled to 12:00PM Thursday 11/05/15 depending on quantity of attendees.