



DEPARTMENT OF GENERAL SERVICES

Isiah Leggett
County Executive

David E. Dise
Director

September 12, 2014

To: Isiah Leggett, County Executive
Craig Rice, Council President

From: David Dise, Director *D*

Subject: Progress Update – Remediation of Defects at Silver Spring Transit Center

Provided below is a progress update of efforts to remediate defects at the Silver Spring Transit Center (SSTC).

1. With the exception of shot-blasting 330 and 350 level drive surfaces, all preparatory work for shear & torsion remediation is complete. This includes correction of ADA ramps to comply with current regulatory requirements and eventual surface elevation of the Latex Modified Concrete (LMC) overlay, and installation of new drain inlets on level 330 and 350.
2. Cap Tie Installation
 - a. Work has been continuous since the initial means & methods test in early August. Work includes removal of concrete, drilling cap tie holes, epoxy-setting of cap ties into marked section of 330 and 350 levels, and pour-back of 8000 psi removed for cap tie installation.
 - b. 26 girders receive cap ties for a total of 650 cap ties
 - c. Cap tie installation is complete in the mockup areas on 350 and 330 levels. Installation is ongoing in all other areas
 - d. All cap tie work is on schedule to be completed by the end of September.
3. Strut Beams
 - a. Approximately 255 strut beams will be installed
 - b. Erection of scaffolding for the strut beams in the two mockup areas is nearly complete
 - c. Permit application for strut beam installation was submitted Friday, September 5th. PB-stamped drawings were provided to DPS September 8th. The expedited Permit process should take less than two weeks.
 - d. Once the DPS Permit for the strut beams is issued work will start in full force.
 - e. Prior to this, drilling of dowel holes for the strut beams begins this week and will continue until completed.

4. LMC Overlay

- a. A preconstruction meeting for overlay on the 350 level is scheduled for September 18th.
- b. Overlay work will begin September 22-23
- c. This date is dictated by the inability of Wagman, the LMC subcontractor, to obtain equipment and material prior to this date as work at the Fort McHenry Tunnel has consumed those resources. A contributing delay has been finalization of the specifications with PB.

cc: Roger Berliner, Chair, T&E Committee
Cherri Branson, District 5 Councilmember
Tim Firestine, Chief Administrative Officer



Crew removing concrete in preparation for installation of Cap Ties



Concrete removal - Note exposed reinforcing steel bars.



Concrete removal complete



Cap Ties positioned for installation



Injecting high-strength epoxy into drilled hole for Cap Tie



Completed Cap Tie installation



Cap Tie installation with concrete patch in place.