



Blue Line Enhancements Phase 2B Construction SCADA Programming

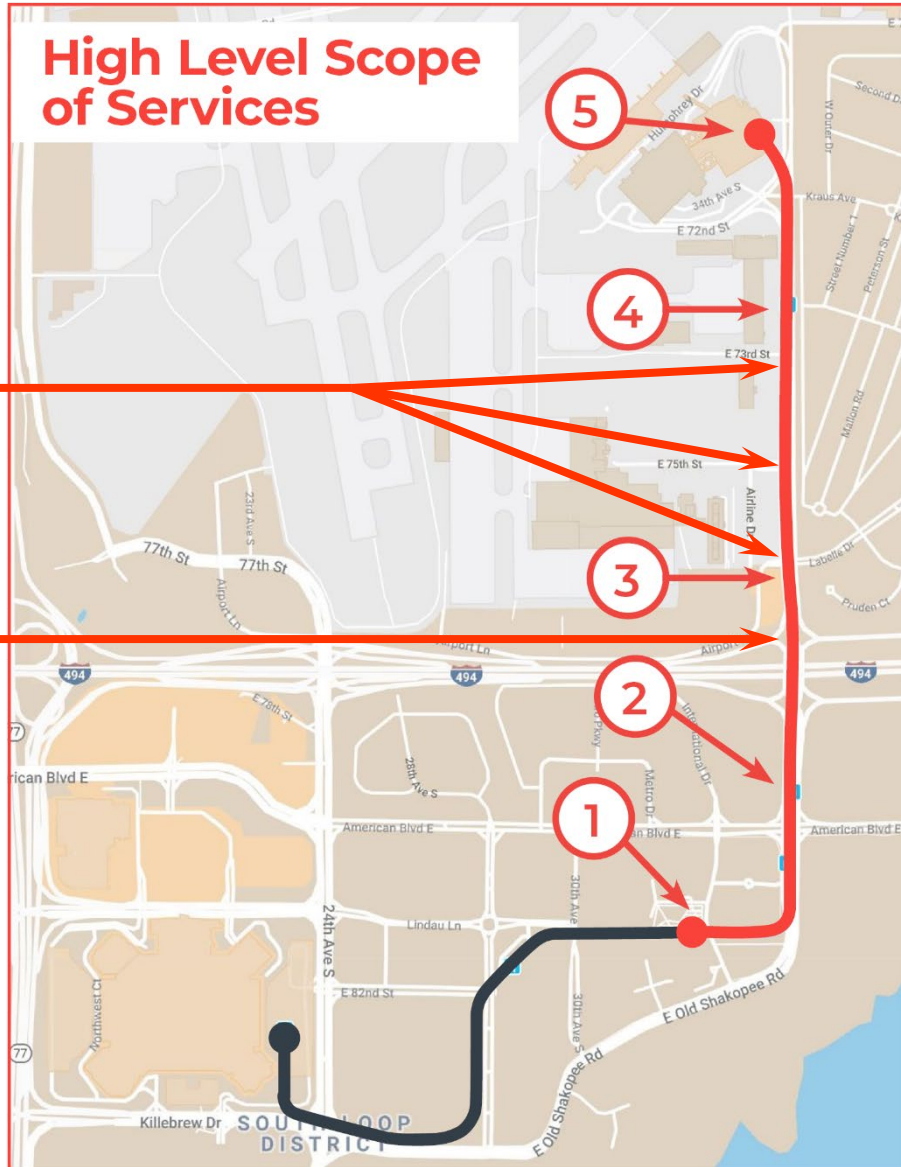
Business Item 2023-297 SW

Michael Wnek | Principal Project Coordinator

Project Description

- Project Limits: BCS Station to Terminal 2 (HHH)
- Replace and upgrade rail signal system
 - Install bi-directional signaling
 - Replace obsolete signal system
- Replace deteriorated switches at NWA/JPH Interlocking
- Replace corroded rail in grade crossings

Project Scope Overview



High Level Scope of Services

PHASE IIB

1) Bloomington Central

- Install ElectrologIXS into communications house
- New signals and track circuits

2) American Blvd

- Install ElectrologIXS into communications house
- New signals and track circuits

3) 28th Ave to NWA

- Install Bi-directional ABS Signaling
- Install continuous track circuits

4) NWA Interlocking

- Replace VPI with ElectrologIXS
- Move code line from HHH
- Install interface with Terminal 1
- New signals and track circuits
- Replace special trackwork

5) Terminal 2—Humphrey

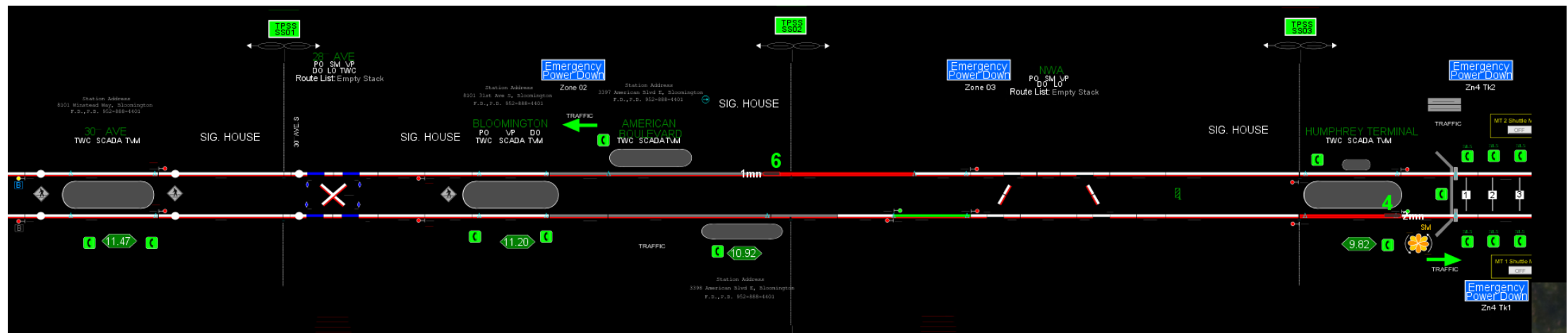
- Replace VPI with ElectrologIXS

Replace rail in Airport Ln, 73rd St, & 75th St crossing slabs

Replace DDI North rail & crossing slabs

SCADA System and BLEP2B

- SCADA – Supervisory Control And Data Acquisition
 - Allows Rail Control Center to dispatch trains, access camera feeds, messaging systems, and access and control various other subsystems
- BLEP2B project will fully replace the rail signal system
 - Requires reprogramming of the SCADA system to integrate new hardware



Thank You!

All questions to:

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