

Busway Station Materials Assessment and Source Inspection

Location

Los Angeles, CA

Project Owner

Los Angeles County
Metropolitan
Transportation
Authority (Metro)

Reference

Kofi Baryeh,
P.E., Senior Director/
Construction Program
Management
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Project Duration

2014 – Ongoing

Role

Subcontractor

Project Cost

\$16 million

Project Description and Scope

The Union/Patsaouras Plaza Busway Station design-build project entails widening the existing busway bridge along both sides to accommodate a new passenger busway station in the middle of the bridge and an elevated enclosed pedestrian overhead walk-way from the existing Union/Patsaouras Plaza to the new busway platform. The Plaza will receive a new elevator structure to convey passengers from the Plaza level up to the elevated overhead walkway. Most new facilities are in Caltrans' right-of-way which includes quite an extensive underground foundation system for the new bridge widening, along with extensive underground utility work and minor surface street improvements.

Alta Vista provides Metro with materials assessment and evaluation for quality assurance and verification, materials engineering, testing oversight, and source inspection. Specific tasks include:

- Field assessment of structural components
- Batch plant inspections/testing
- Submittal and RFI reviews
- Verification sampling, audits and surveillance
- Destructive and nondestructive testing
- Lab testing of soils, structural concrete, and hot-mix asphalt

Alta Vista's team of specialists ensure that raw materials, fill materials, fabrication processes, and personnel certifications comply with contract requirements. Additionally, the team performs oversight assessment and verification of in-process QC testing.

Alta Vista's quality engineers and special assessment inspectors cover a wide range of materials for this Metro project. Our Level II and Level III non-destructive testing specialists provide condition assessments of work performed at the source of materials or in the field. Our nationally certified support resources, including AASHTO, ACI and PCI certified engineers and inspectors, bring their Statewide breath of knowledge in materials evaluation and condition assessment to support this project, while collaborating closely with Metro.

