

# Tech Campus Pedestrian Overcrossing

## Project Owner:

Facebook, Inc.

## Reference

Phil Sidles  
(415) 517-1365

## Project Duration

Ongoing

## Role

Source and field inspection, materials testing

## Contract Value

\$1.1 million

## Project Description and Scope

Alta Vista provides materials testing and source inspection for this privately funded project to construct a pedestrian overcrossing on a major tech campus. It includes construction of a 1,025-foot long steel girder structure with 11 spans and rerouting of a trail on the north side of an expressway. The bridge will connect two sections of the campus, crossing over a major expressway, to improve mobility and pedestrian safety. The overcrossing additionally falls within the California Department of Transportation's (Caltrans) right-of-way jurisdiction, requiring that the project comply with Caltrans regulations and specifications in addition to those of the client and contract.

Alta Vista performs verification source inspection to ensure that structural materials incorporated into the pedestrian steel bridge comply with contract requirements, Caltrans requirements and specifications, and the Caltrans Local Assistance Program's oversight guidelines with regard to raw materials, fabrication processes, personnel certifications, and in-process quality control (QC) testing. Fabricated in Arizona at Singer Bridge and Iron, the bridge's design includes fracture-critical members, requiring more source inspection and specialized knowledge in order to ensure quality and reliability. Alta Vista provides these services for light poles, structural fasteners, ground anchors, fracture-critical structural steel girders, steel-reinforced elastomeric bearing pads, and flash-welded steel reinforcing hoops at various fabrication facilities in the U.S.

## Challenges and Solutions or Project Highlights

- One of a kind pedestrian overcrossing that highlights the structural framework with the intent to add visual interest and diversity on a major tech campus.
- Ensure the vision of the architect for this pedestrian overcrossing remains intact while maintaining the structural integrity of the bridge during fabrication.

