Fremont Collaboration with CA School for the Blind

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About the Fremont Community

- 230,000 Population
- Family Friendly, Ethnic Diversity
- Excellent Public Schools
- Parks and Open Space
- Low Crime Rate
- Regional Transit Access
- Home of Tesla Manufacturing Facility
CA School for the Blind (CSB)
Vision Zero in Fremont

• 7th U.S. City to Adopt Vision Zero Plan (March 2016)

• Vision Zero Action Plan
  - Safer People
  - Safer Streets
  - Safer Vehicles
VZ Quick Build Projects
VZ Quick Build Projects
CSB Coordination Takeaways:

- Students trained to get to point closest to the intersection
- Students largely navigate an intersection by audible cues (i.e. vehicle noise and locator tones)
- Truncated domes don’t provide direction of crossing
- Directional guide tiles are not detectable and don’t provide tactile feedback
New VZ Quick Build Projects
Protected Intersections
National Best Practices
Caltrans Standard Plans

TYPE A PASSAGEWAY

TYPE B PASSAGEWAY

TYPE C PASSAGEWAY
CSB Collaboration Takeaways:

• Students trained to stop when they reach truncated domes and listen for audible cues
• Multiple truncated domes confuses blind students
• At signalized intersections, blind pedestrians could be trapped within intersection
Modified Protected Intersection
New Protected Intersection Design
Future Collaboration:

• Partner with CSB leaders and blind advocates to change or clarify design standards
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