



SFMTA
Municipal
Transportation
Agency

Bulb-Outs and Agency Integration

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Pedestrian Bulb-Outs

- Speed and collision reduction
 - 14% and 7% decreases in speeds (Huang & Cynecki, 2001)
 - Reduced overall severity rate (King, 1999)
 - Statistically significant increase in yielding and yielding distance (Hengel, 2013)
- Walking conditions
 - Improved visibility between approaching vehicles and pedestrians
 - Reduced crossing distance

Project Integration

Project Onset

- Project Integration Form

Sub-Division Review

- Engineering Design Review
- Turn Templates

Internal Vetting

- Pre-Staff
- Pre-TASC

City Review

- TASC
- SFMTA Board