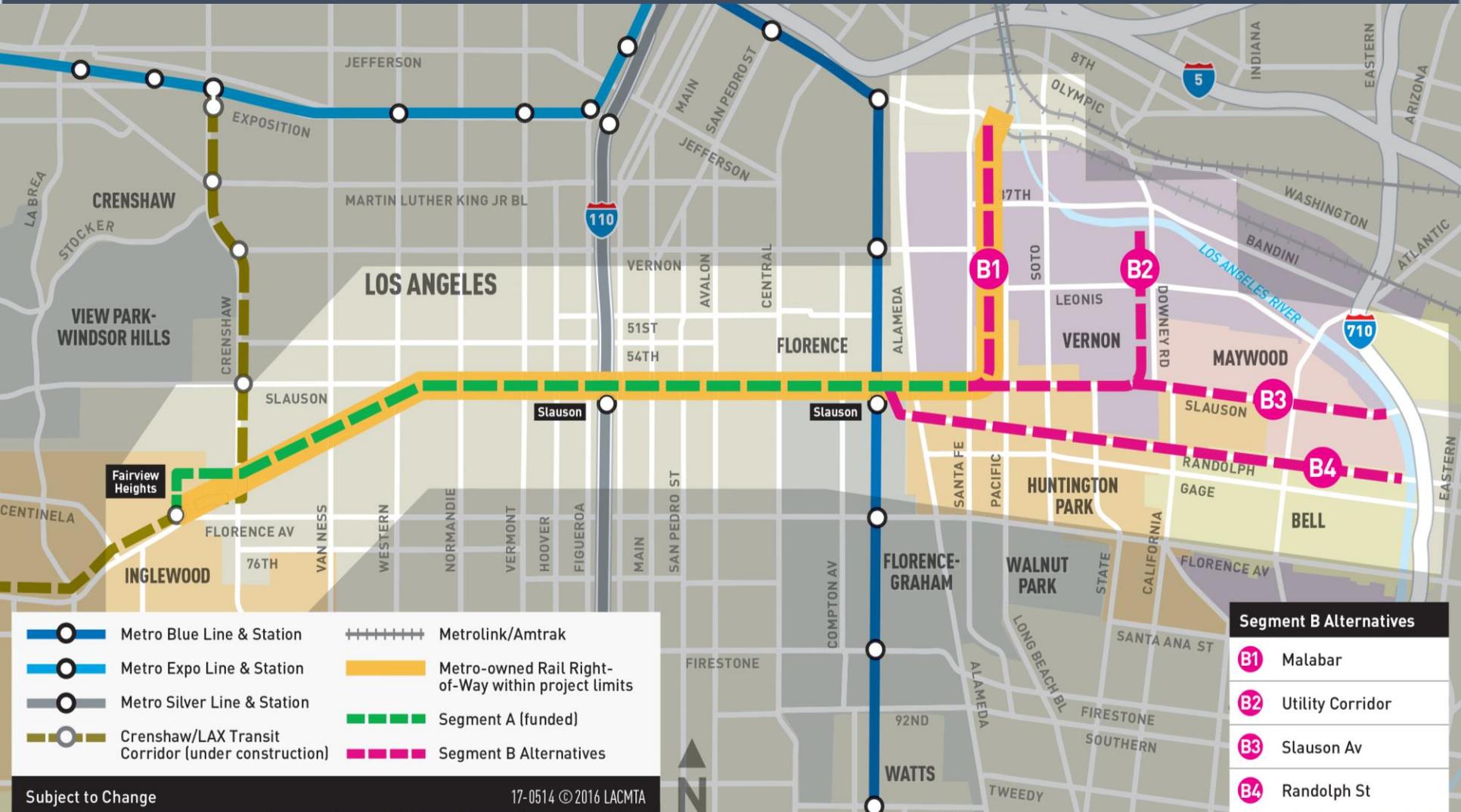


Rail to Rail Active Transportation Corridor Segment A 15% Preliminary Design



Rail to Rail/River Active Transportation Corridor Segments A & B Map



- Metro Blue Line & Station
- Metro Expo Line & Station
- Metro Silver Line & Station
- Crenshaw/LAX Transit Corridor (under construction)
- Metrolink/Amtrak
- Metro-owned Rail Right-of-Way within project limits
- Segment A (funded)
- Segment B Alternatives

- Segment B Alternatives**
- B1 Malabar
 - B2 Utility Corridor
 - B3 Slauson Av
 - B4 Randolph St

Walk/Bike Path – Slauson Corridor



Mid-block Concept (Typical 30' ROW)

- Asphalt paved walkway and 2-way bike path
- Lighting (spaced every 60')
- Fencing at ROW edge where needed (Metro standard panelized)
- Furnishings & signage
- Bioswales for stormwater run-off treatment with low fencing at edge
- Shade trees
- Diversity of trees/plant species
- Boulders and low, drought tolerant landscape in street buffer



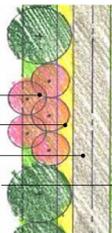
Existing photo of Slauson west of San Pedro (Note: Metro ROW ends 10' from building face in ballast area)



Looking West

COMPOSITION
30' typical ROW

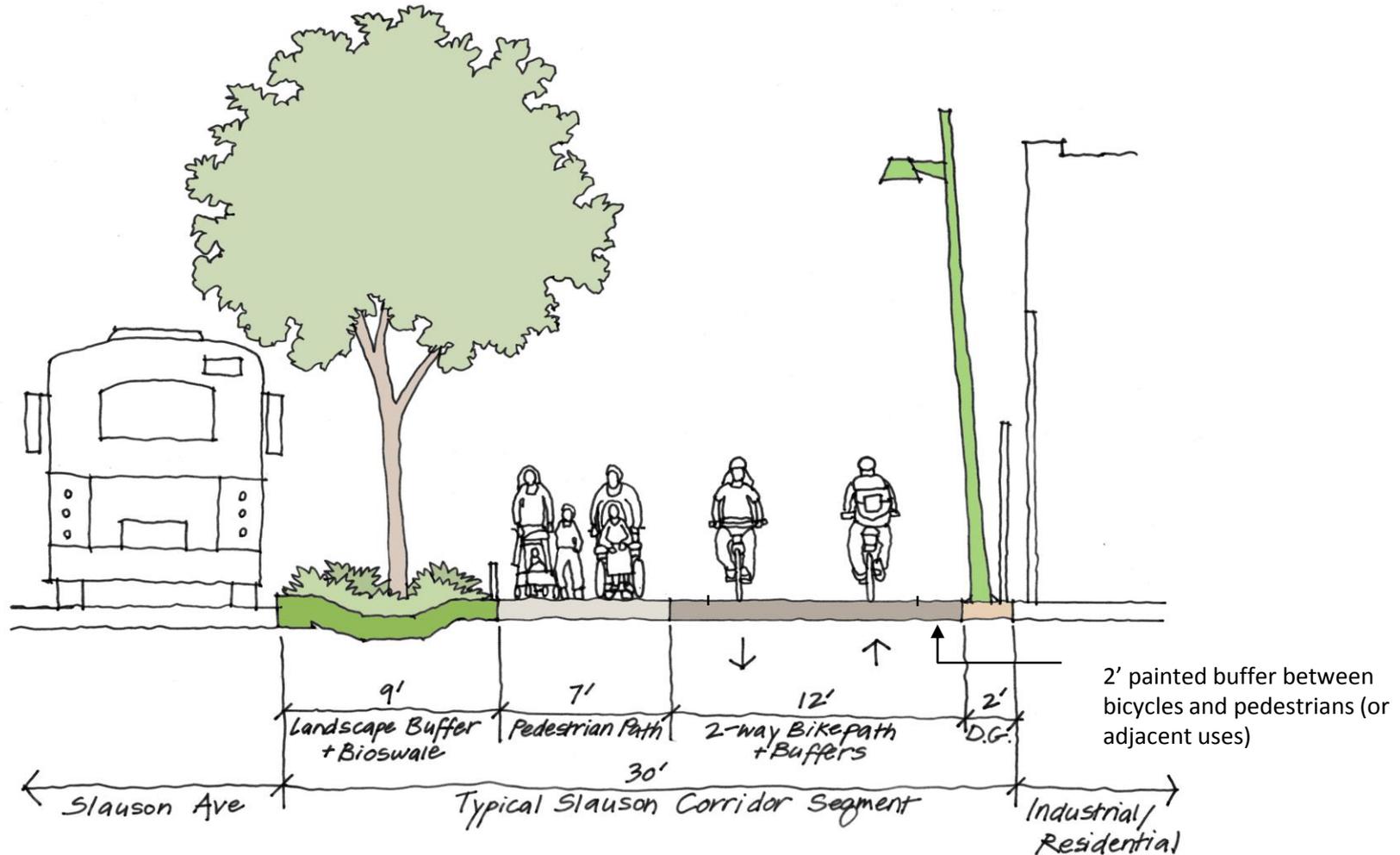
- 11' street buffer
- 5' walking path
- 12' bike path
- 2' property line buffer



Examples of bioswale on pedestrian path (Woodman Ave) and between bikeway & thoroughfare (Queens Plaza Bikeway, NY)



Layout – Slauson Corridor



Looking West

Walk/Bike Path – Diagonal Corridor



Mid-block Concept (Typical 30' ROW)

This design concept focuses on safety/security concerns between Slauson and 11th Avenues where private properties abut Metro's ROW. Given the narrow ROW, the walk and bike paths are separated with a stormwater treatment median (bioswale). The layout addresses visibility concerns by limiting trees, and discourages encampments by minimizing landscaped areas. The separated walk and bike paths would meet at regular intervals. Features include:

- Asphalt paved walkway and bike path
- Lighting (spaced every 75') with ability to integrate cameras and emergency telephones on pole
- Fencing at ROW edge where needed (Metro standard panelized)
- Trees at access points
- Low, drought tolerant plants and decomposed granite
- Drain to center buffer with bioswale
- Vines where appropriate (not in front of murals)



Before photo of Metro ROW at Hyde Park / Chesterfield Square segment



COMPOSITION

30' typical ROW

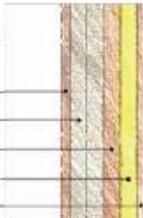
3' edge zone

12' bike path

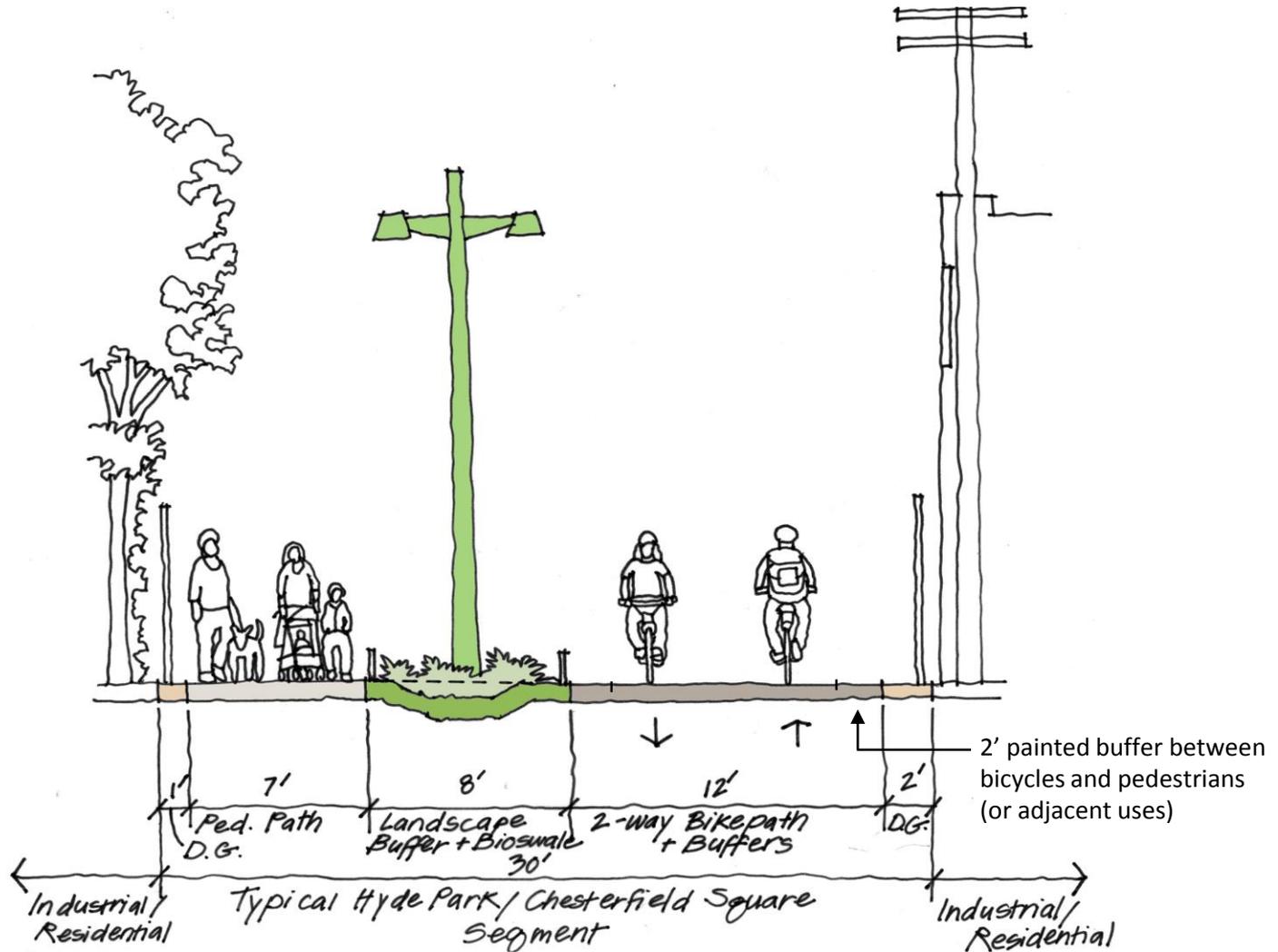
6' bioswale

6' walking path

3' edge zone



Layout – Diagonal Corridor

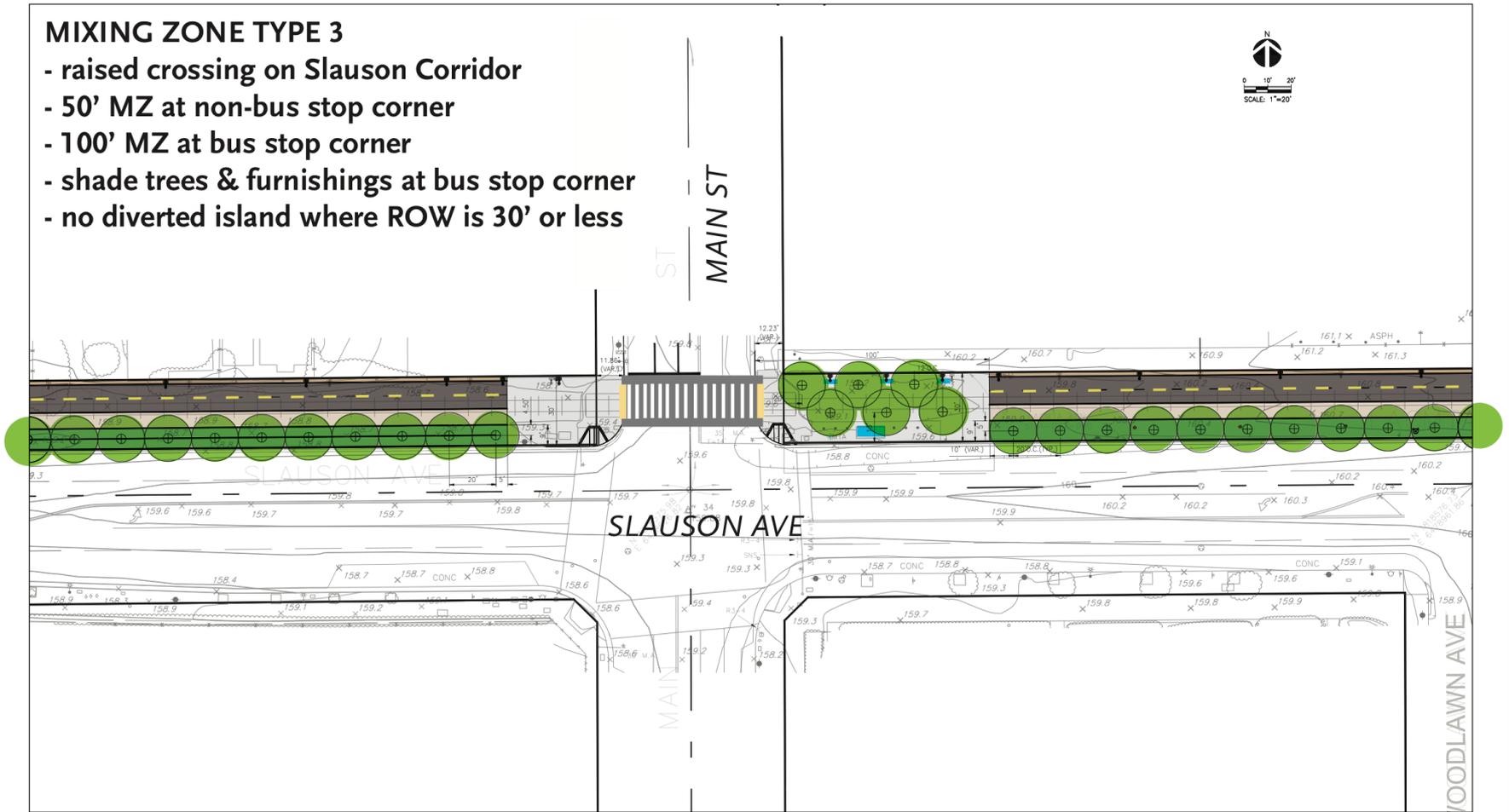


Looking West

Mixing Zone

MIXING ZONE TYPE 3

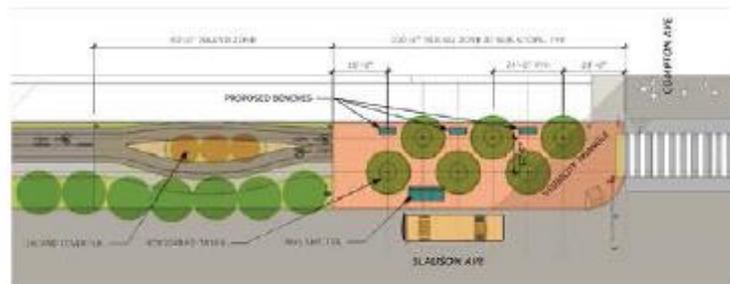
- raised crossing on Slauson Corridor
- 50' MZ at non-bus stop corner
- 100' MZ at bus stop corner
- shade trees & furnishings at bus stop corner
- no diverted island where ROW is 30' or less



<table border="1"> <tr> <td>DESIGNED BY S. BURKE</td> <td colspan="2">  LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY </td> <td colspan="2"> CONTRACT NO. AE470670022889 </td> </tr> <tr> <td>DRAWN BY M. NAJERA</td> <td colspan="2"> DRAWING DESIGNER  16 N. Main Street, Suite 412 Pasadena, CA 91101 T: 626-794-9034 </td> <td colspan="2"> PROJECT PRINCE 16 N. Main Street, Suite 412 Pasadena, CA 91101 T: 626-394-9034 </td> </tr> <tr> <td>CHECKED BY J. OLANDER</td> <td colspan="2"> DRAWING DESIGNER  2327 Lyric Avenue Los Angeles, CA 90027 T: 323-377-6587 </td> <td colspan="2"> PROJECT PRINCE 16 N. Main Street, Suite 412 Pasadena, CA 91101 T: 626-394-9034 </td> </tr> <tr> <td>DATE 10/04/16</td> <td colspan="2"> DATE 07/17/17 </td> <td colspan="2"> CONTRACT NO. AE470670022889 </td> </tr> <tr> <td>REV</td> <td>DATE</td> <td>BY</td> <td>APP</td> <td>RES. NO.</td> <td>EXPIRES</td> <td>SEAL</td> <td>HOLDER</td> <td>DESCRIPTION</td> <td> DRAWING NO. LH-009 REV 0 </td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td> SCALE 1" = 20' SHEET NO. </td> </tr> </table>										DESIGNED BY S. BURKE	 LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY		CONTRACT NO. AE470670022889		DRAWN BY M. NAJERA	DRAWING DESIGNER  16 N. Main Street, Suite 412 Pasadena, CA 91101 T: 626-794-9034		PROJECT PRINCE 16 N. Main Street, Suite 412 Pasadena, CA 91101 T: 626-394-9034		CHECKED BY J. OLANDER	DRAWING DESIGNER  2327 Lyric Avenue Los Angeles, CA 90027 T: 323-377-6587		PROJECT PRINCE 16 N. Main Street, Suite 412 Pasadena, CA 91101 T: 626-394-9034		DATE 10/04/16	DATE 07/17/17		CONTRACT NO. AE470670022889		REV	DATE	BY	APP	RES. NO.	EXPIRES	SEAL	HOLDER	DESCRIPTION	DRAWING NO. LH-009 REV 0										SCALE 1" = 20' SHEET NO.	NOT FOR CONSTRUCTION		AC RAILROAD RIGHT-OF-WAY TIE-CROSSING IMPROVEMENT PROJECT SEGMENT 30% DESIGN DESIGN Landscape-Paving Plans	
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Mixing Zone

Slauson Corridor Concept at Bus Stop



Concept plan at bus stop mixing zones



Existing photo of Slauson/Compton intersection



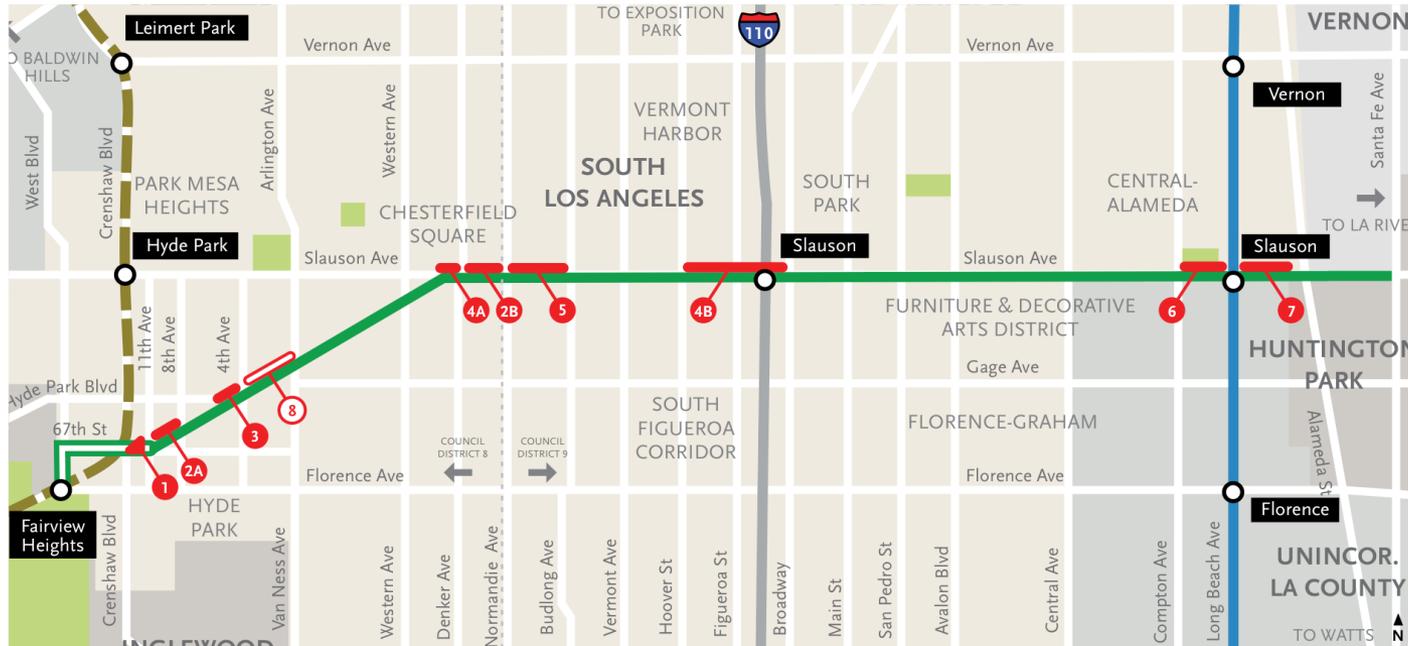
Example of diverter planted with drought tolerant flax



Example of street bond graphic (Auckland, NZ), a relatively inexpensive way to enhance mixing zones

Opportunity Sites

Areas with additional ROW beyond typical 30' width



Legend

- Metro Right-of-Way (ROW)
- Non-Metro ROW
- Crenshaw/LAX Line
- Silver Line
- Blue Line
- Metro LRT Station

#	Additional ROW	Opportunity Sites
1	n/a	Trailhead Plaza at 67th St & 11th Ave (7,500 sq ft)
2A 2B	20 ft	11th Ave to 8th Ave & Denker Ave to Normandie Ave (44,000 sq ft)
3	10-14 ft	Hyde Park Neighborhood (13,500 sq ft)
4A 4B	10 ft	Slauson Ave Crossing and Silver Line Station / 110 Freeway Underpass (29,000 sf)
5	50 ft	Normandie Ave to Budlong Ave (65,000 sq ft)
6	n/a	Augustus F. Hawkins Natural Park Frontage (partial segment included in 30 ft ROW)
7	40 ft	Blue Line Station and Trailhead (72,000 sq ft)
8	25-48 ft	Potential: BNSF Parcel (43,000 sq ft)