



Adams Avenue Improvement Project Conceptual Design Alternatives

Neighborhood Meeting #1

Adams Elementary School, Multi-Purpose Room, 2850 Clubhouse Road

February 26, 2020



Adams Avenue – Project Limits



Project Background

- **Adams Avenue – Santa Ana River to Royal Palm Drive (1.3 mi.)**
 - 4 intermediate signalized intersections
 - 3 lanes per direction, 5' bike lanes, 10' striped median; intermittent sidewalks
 - 36,000 – 39,000 ADT Volumes
- **Existing Challenges/Deficiencies**
 - Non-compliant ADA curb ramps; Cracked and deteriorated pavement; Missing sidewalk; Utility obstructions in sidewalk (equipment, overhead SCE lines, tree wells)



Project Background (cont'd.)

- **Project evolved over time based on:**
 - Community input
 - Need for sidewalks
 - Deteriorated Pavement
 - Bicycle Facility Upgrades
- **Project included in:**
 - Active Transportation Plan
 - Costa Mesa General Plan
 - East-West Multi-Purpose Trails Plan
 - OCTA District 2 Bicycle Plan



Project Objectives

- Protected Bikeways
- Pavement Rehabilitation
- Sidewalk/Accessibility Improvements
- Traffic Signal Modifications
- Median/Landscape Improvements
- Utility Undergrounding

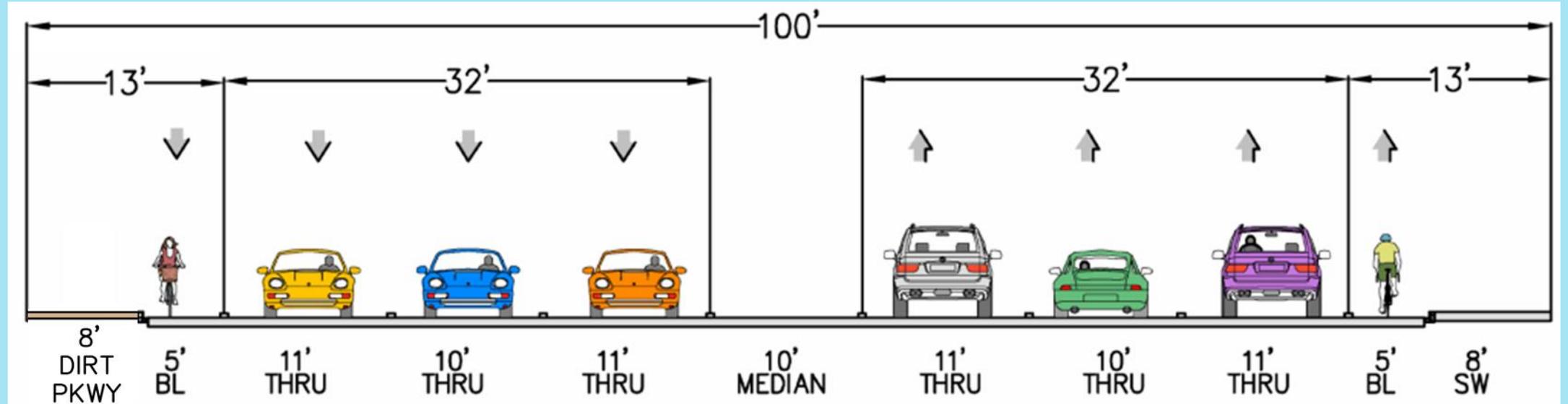


Existing Roadway/Lane Configuration



Existing Roadway – Typical Cross Section

At Mid-Segment



Design Concept Alternative #1 (“ALT1”)

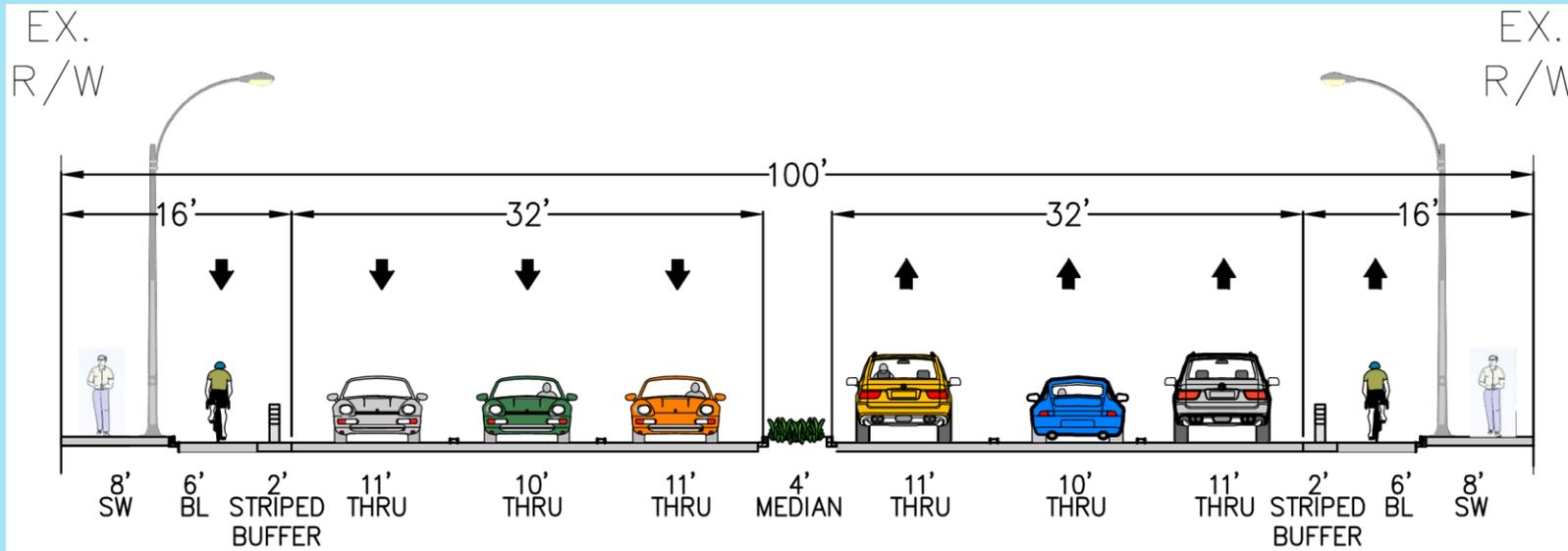
Buffered Bike Lanes

- Center median area reduced by 6' (10' to 4')
- **Add raised center median & landscaping**
- Remaining 6' balance re-distributed to each side (3' per dir.)
- **2' striped buffer zone added between travel lanes & bike lane**
- **Add flexible bollards spaced regularly within the 2' buffer zone**
- **Bike lane widened by 1 ft (5' to 6')**
- At Intersections:
 - » Maintain existing 10' wide LT lanes
 - » Sidewalk width adjusted by 1' (8' to 7'), and re-distribute to bike lane (+1'), drop 2' striped buffer

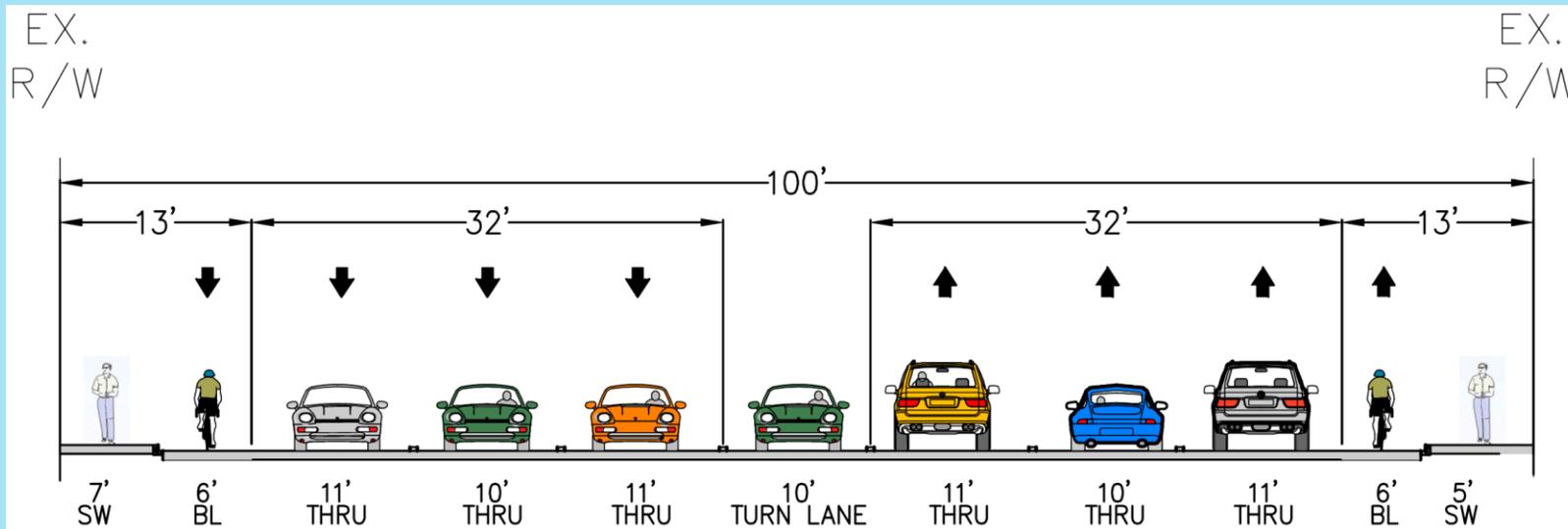


ALT1 – Typical Cross Sections

*At
Mid-
Segment*



*At Intersections
With
Left-Turn Pocket*



ALT1 – Street View Rendering



Design Concept Alternative #2 (“ALT2”)

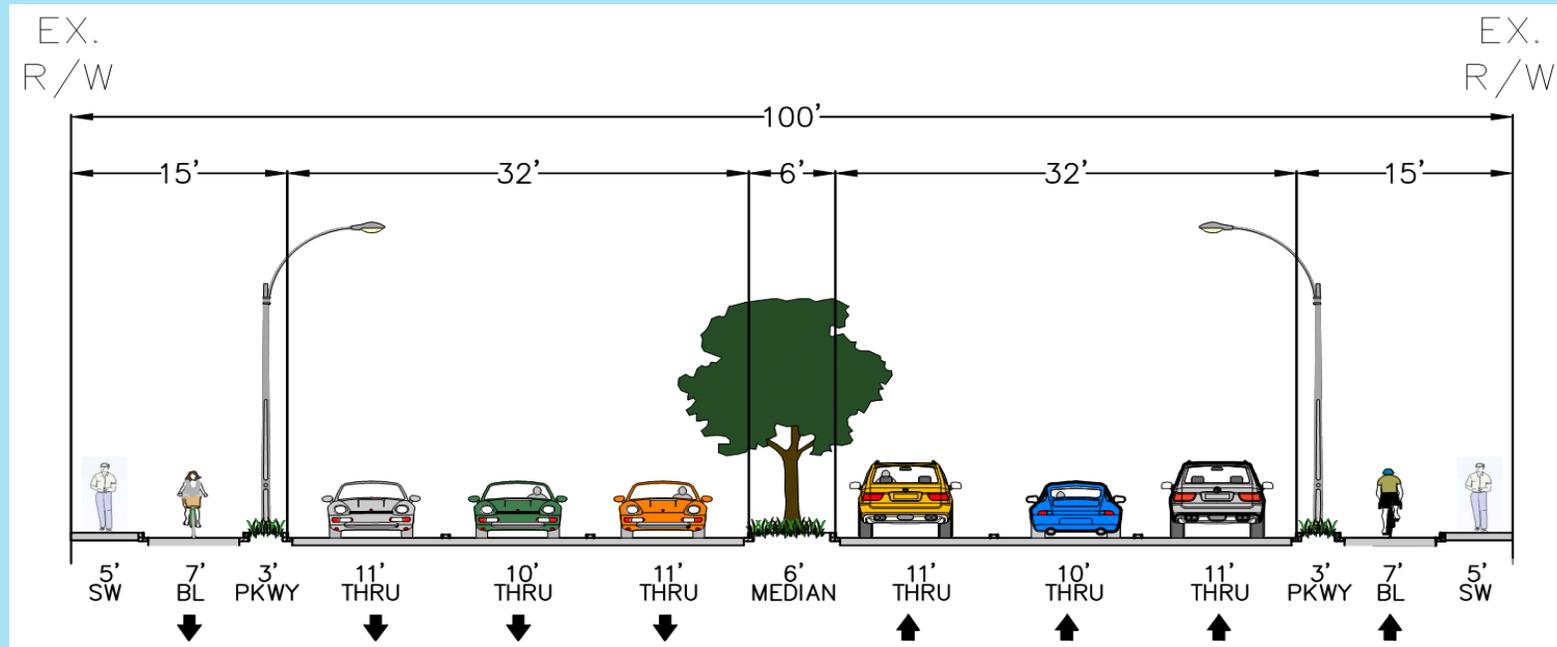
Cycle Track

- Adjusted sidewalk width by 3’ on both sides (8’ to 5’)
- **Construct 6’ wide, raised center median, landscaping & trees**
- **Add 3’ wide raised landscaped parkway to separate travel lanes from 7’ wide cycle tracks**
- At Intersections: Maintain existing 10’ wide LT lanes

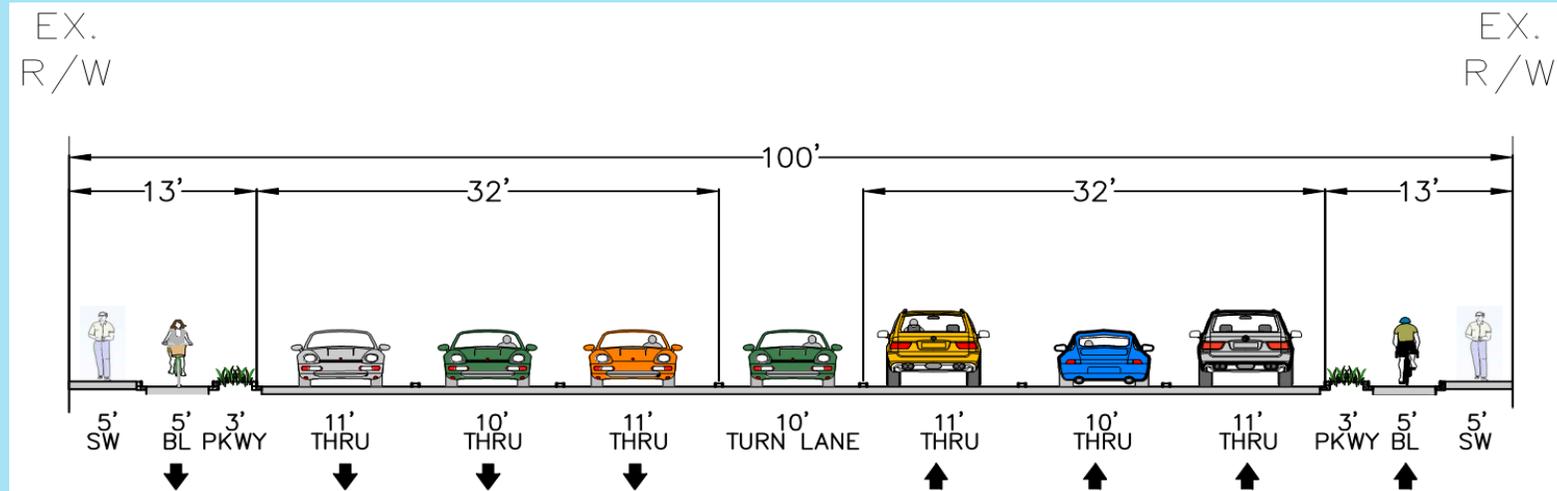


ALT2 – Typical Cross Sections

At Mid-Segment



At Intersections With Left-Turn Pocket



ALT2 – Street View Rendering



Design Concept Alternative #3 (“ALT3”)

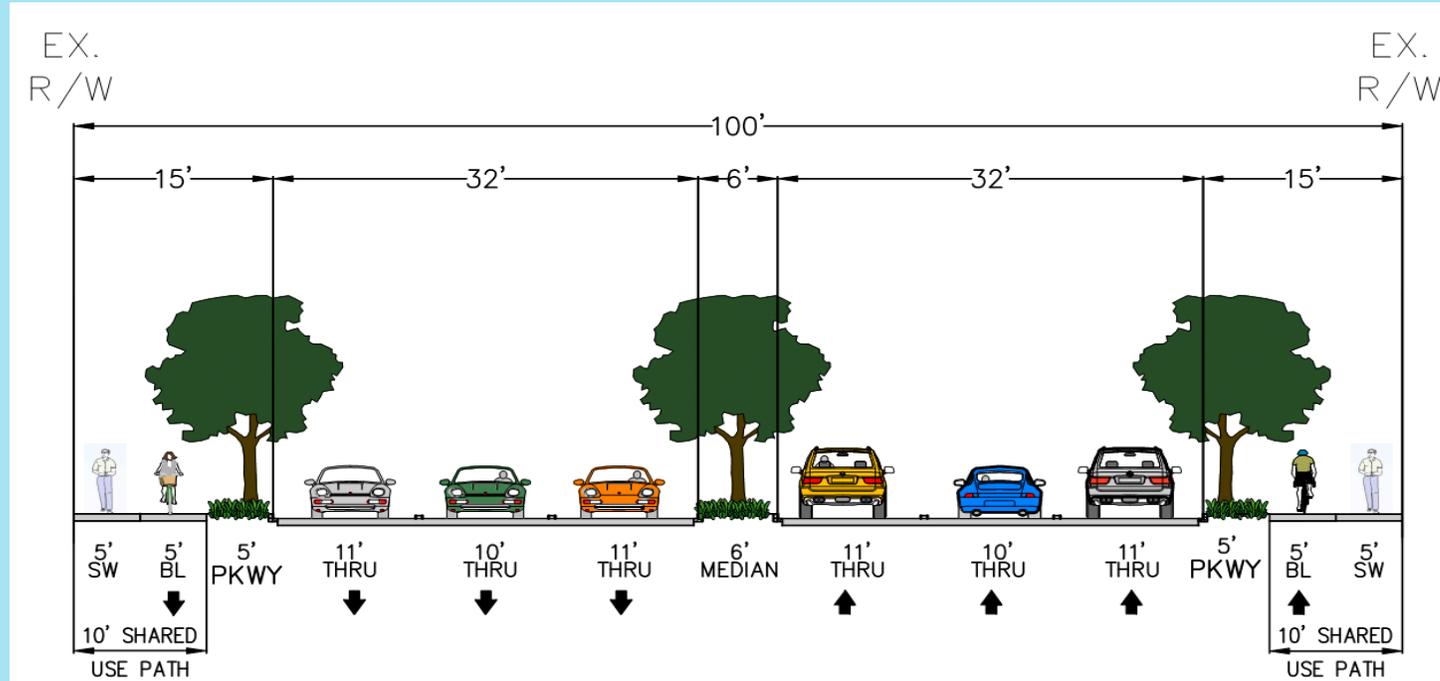
Shared-Use Path “A”

- Center median area reduced by 4’ (10’ to 6’)
- **Add raised center median & landscaping**
- **Widen existing sidewalk area to provide:**
 - » **10’ Shared-Use Path at sidewalk grade (5’ bikeway)**
 - » **5’ Landscaped Parkway separating travel lanes from shared-use path**
- At Intersections: Maintain existing 10’ wide LT lanes

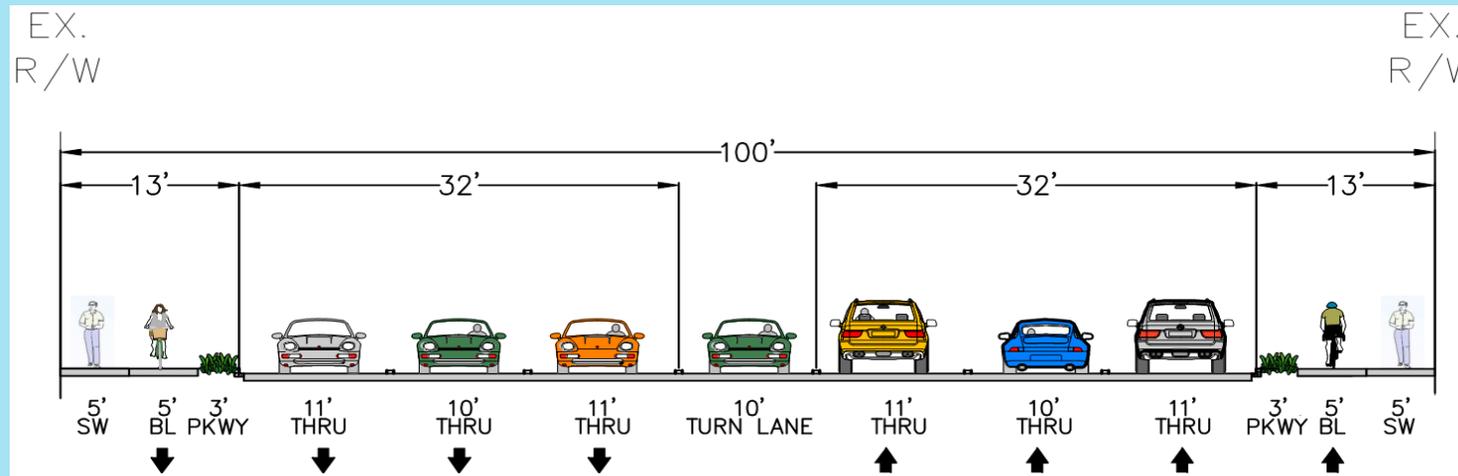


ALT3 – Typical Cross Sections

At Mid-Segment



At Intersections With Left-Turn Pocket



ALT3 – Street View Rendering



Design Concept Alternative #4 (“ALT4”)

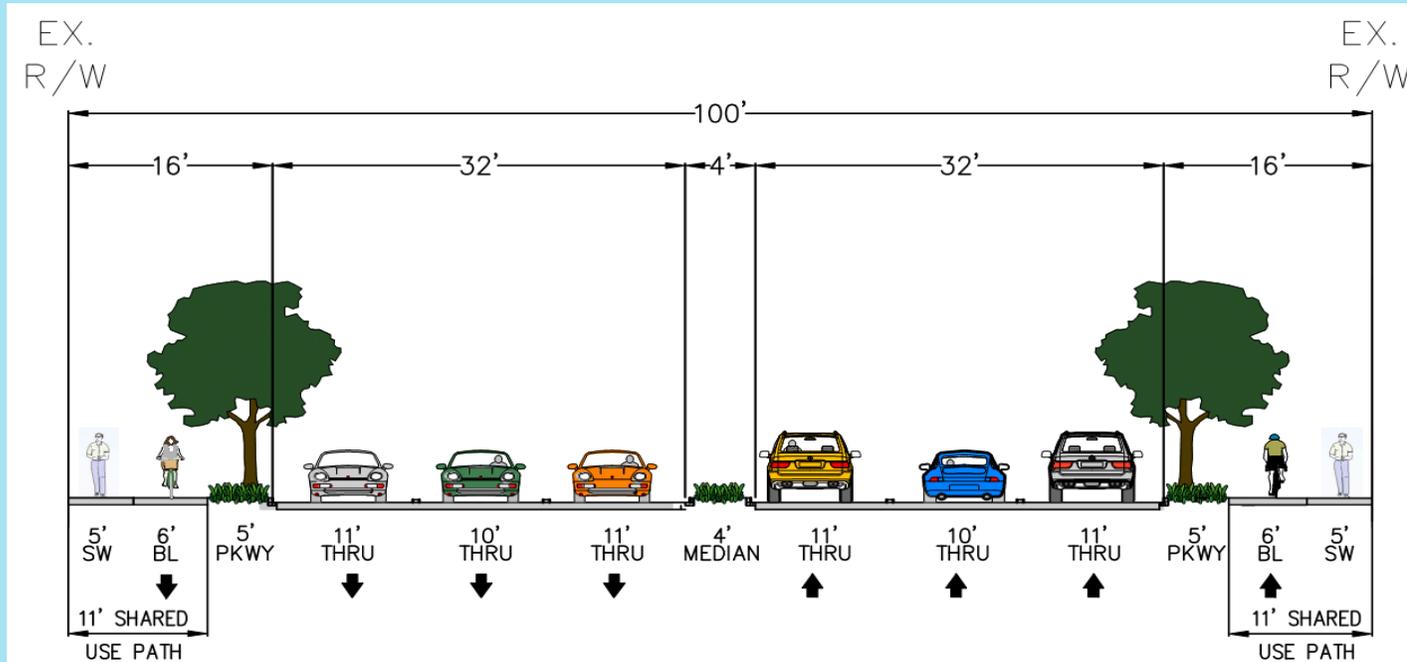
Shared-Use Path “B”

- Center median area reduced by 6’ (10’ to 4’)
- **Add raised center median & landscaping**
- **Widen existing sidewalk area to provide:**
 - » **11’ Shared-Use Path at sidewalk grade (6’ bikeway)**
 - » **5’ Landscaped Parkway separating travel lanes from shared-use path**
- At Intersections: Maintain existing 10’ wide LT lanes

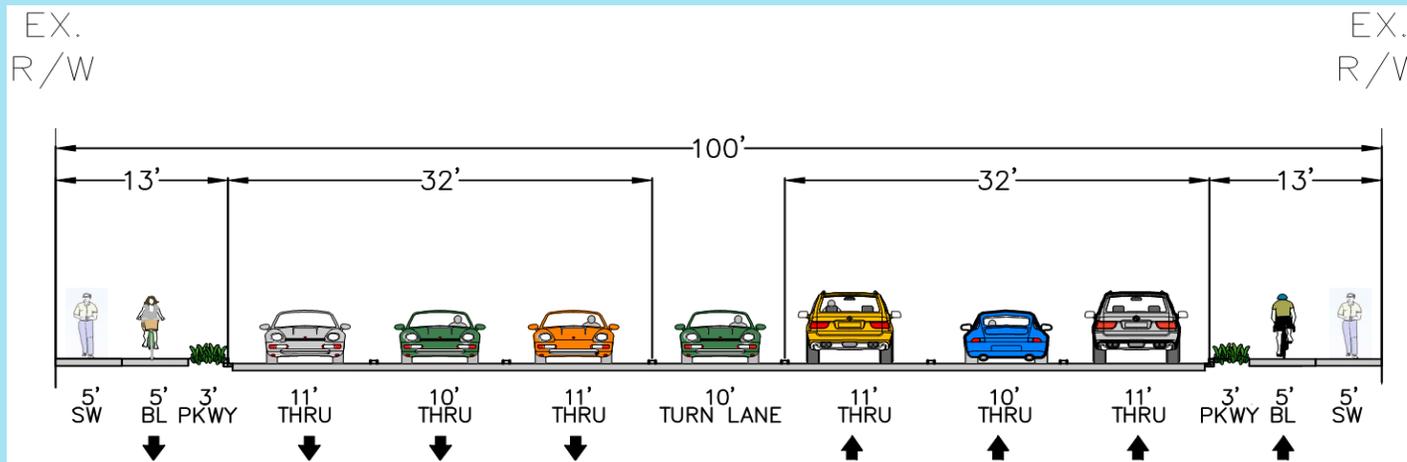


ALT4 – Typical Cross Sections

At Mid-Segment



At Intersections With Left-Turn Pocket



ALT4 – Street View Rendering



Project Schedule

- **Conceptual Design and Community Outreach**
 - Bikeway and Walkability Committee Meeting-----Feb. 5, 2020
 - Neighborhood Meeting #1-----Feb. 26, 2020
 - Conceptual Design Phase-----March-June 2020
 - Neighborhood Meeting #2-----June 2020
 - City Council Presentation-----Sept. 2020
 - Coordination with SCE for Utility Undergrounding – ongoing
 - Secure Funding Sources for Construction – ongoing



Questions?



For more information, visit the City's website

- www.costamesaca.gov
- View the Project Web Page
- Take the Project Survey

Submit other questions and comments to:

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