



DEMONSTRATING ENGINEERING SOLUTIONS & DELIVERING QUICK BUILD

OCTOBER 23, 2025



Tactical Urbanism: The Spectrum of Change



Source: People for Bikes

Westminster Go Human

1-Day Demonstration Event

- Roundabout
- Class II Bike Lanes on Residential Streets
- Class IV Cycletrack on Arterial



Westminster Go Human - Before

- 4-lane Roadway with No Shoulder/Bikeway



Westminster Go Human - After

- 3-lane Roadway with Cycletrack (Class IV) Demonstration



**Hoover Project Renamed:
Mendez Historic Trail
Awarded: \$2.3M!**

Westminster Go Human - Future

- 2-lane Roadway with Cycletrack (Class IV)



Connect the Loop Go Human

1-Day Demonstration Event

- County of Orange/Yorba Linda
- OC Loop Class IV



Before



After



Connect the Loop Go Human

1-Day Demonstration Event

- County of Orange/Yorba Linda
- OC Loop Class IV



Before

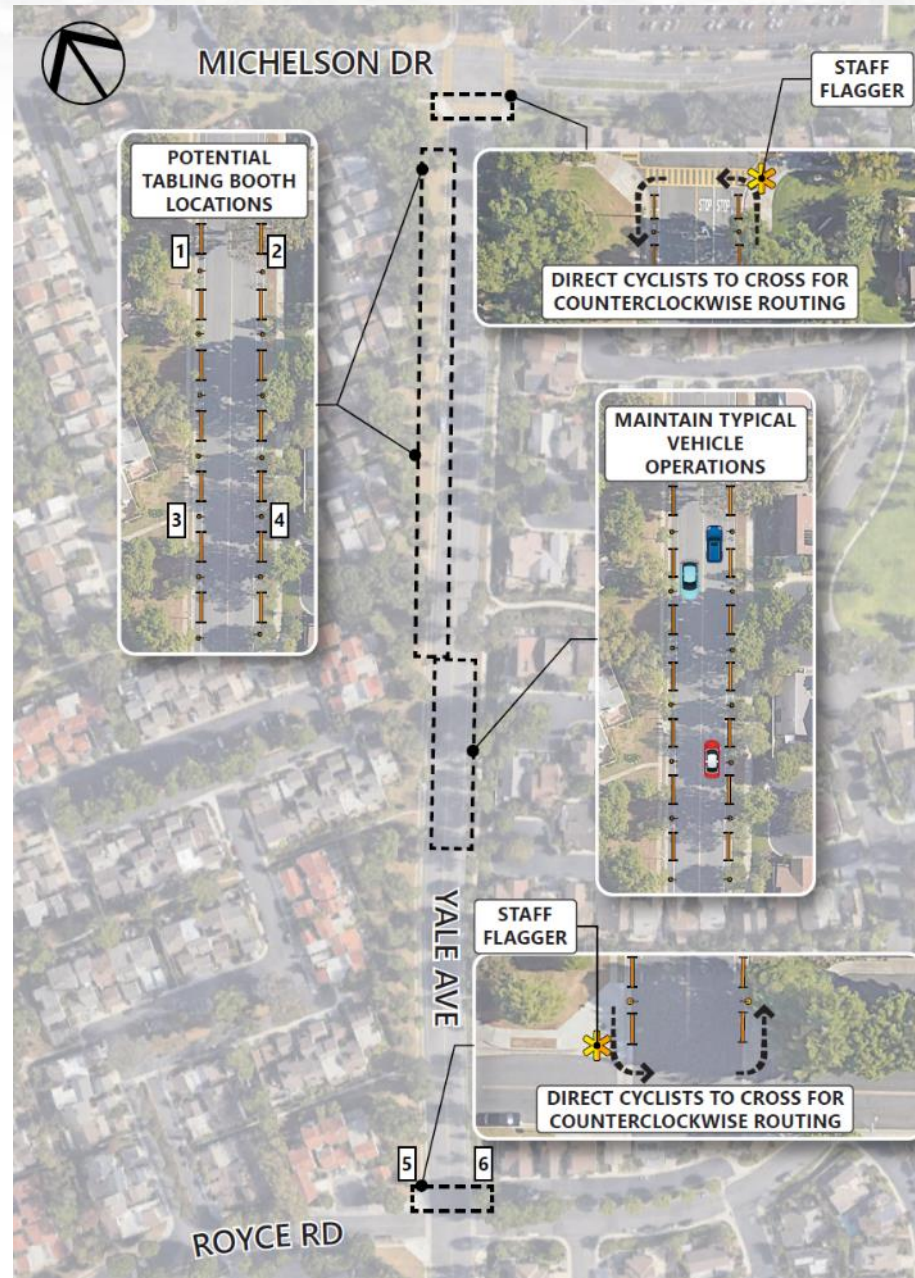


After



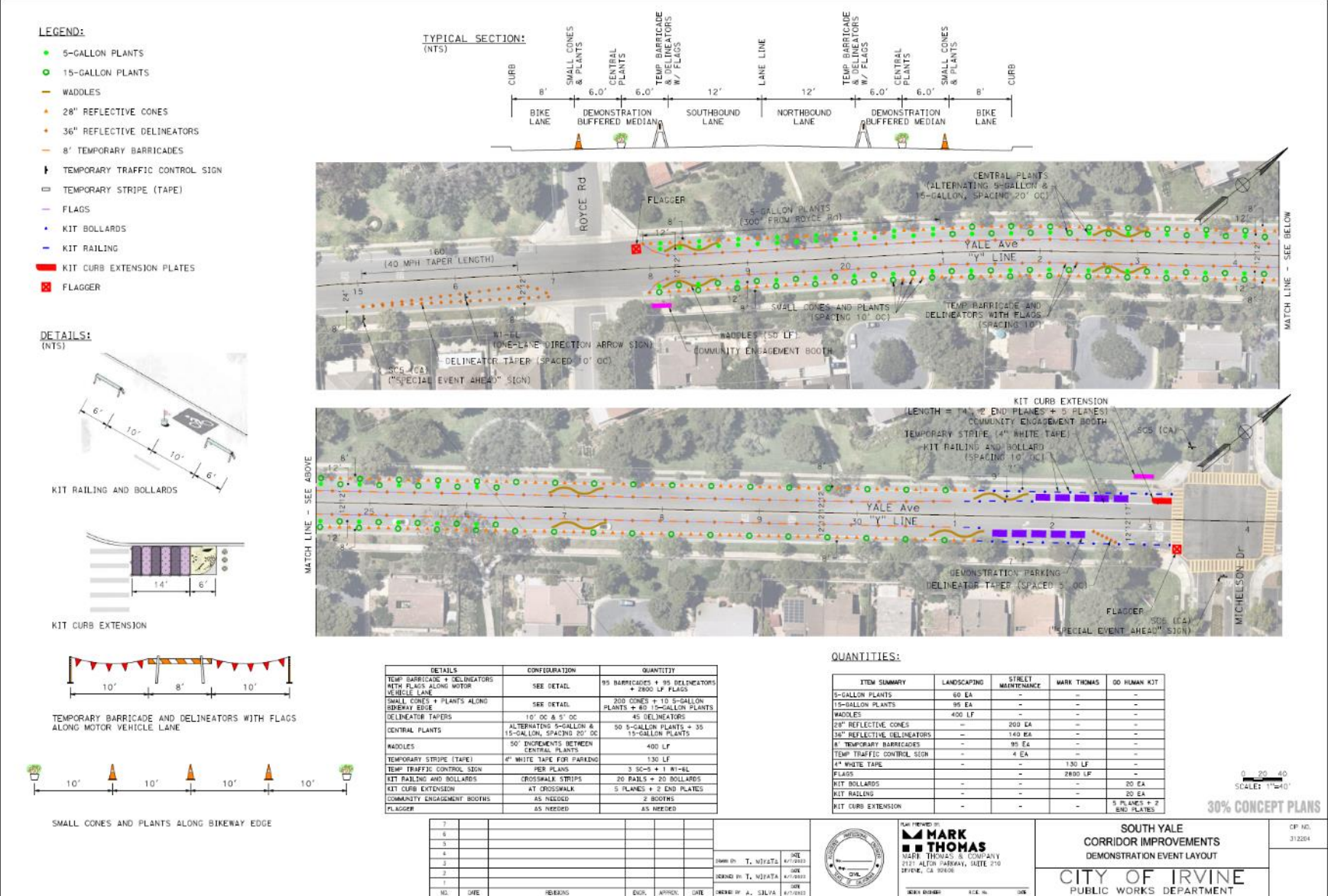
Irvine Cycletrack Demonstration

- Concept Plan
 - Prepared by Consultant
 - City staff Utilized for Inter-Departmental Discussions
- Basic Layout for Feasibility & Understanding at City Hall
 - Get City Manager/Upper Management Approval
 - Traffic Control & Police
 - Managing Expectations & Understanding Before Project Delivery



Irvine Cycletrack Demonstration

- Engineering Layout for Quantities & Scale & Scope of Installation



Irvine Cycletrack Demonstration

- 1-day Saturday Demonstration



Irvine Cycletrack Demonstration

- Engagement Opportunities



Considering a Demonstration Event

- Demonstration Events
 - **Less** of an Engineering Project
 - **More** Party Planning
- Expand Your Reach of Collaborators/Approvers
 - Local Agency Permit System
 - Designate Logistics Manager
 - Parks & Recreation Department
 - Loaner Trees/Plants
 - Access to Public Facilities & Restrooms
 - Police & Fire Department
 - Detours & Traffic Control
 - Emergency Response Through Event Area



Considering a Demonstration Event

- Expand Your Reach of Groups to Coordinate With
 - City Manager Office
 - Invitations & Notifications to Council/Commissions
 - Pre-Event Promotion/Awareness
 - Post-Event Social Media Posts & Press Release
 - Managing Speeches & Need for Podium
 - Maintenance Services Department
 - Advance Sweeping/
Cleaning of Street
 - Spot Pavement Rehabilitation
 - General Cleanup & Graffiti Removal
 - Temporary Stop of Sprinklers



Considering a Demonstration Event

- Role of Consultants
 - Engineering Concept Layout
 - Quantities and Cost Estimates
 - Staffing Event
 - Identification of Collaboration Partners
- Role of Local Agency Staff
 - Communications and Promotion
 - Managing Inter-Department Items
 - Minimizing Costs for Permits or Materials Purchases
 - Leverage Community Partners, High School Students, Advocates, Etc.



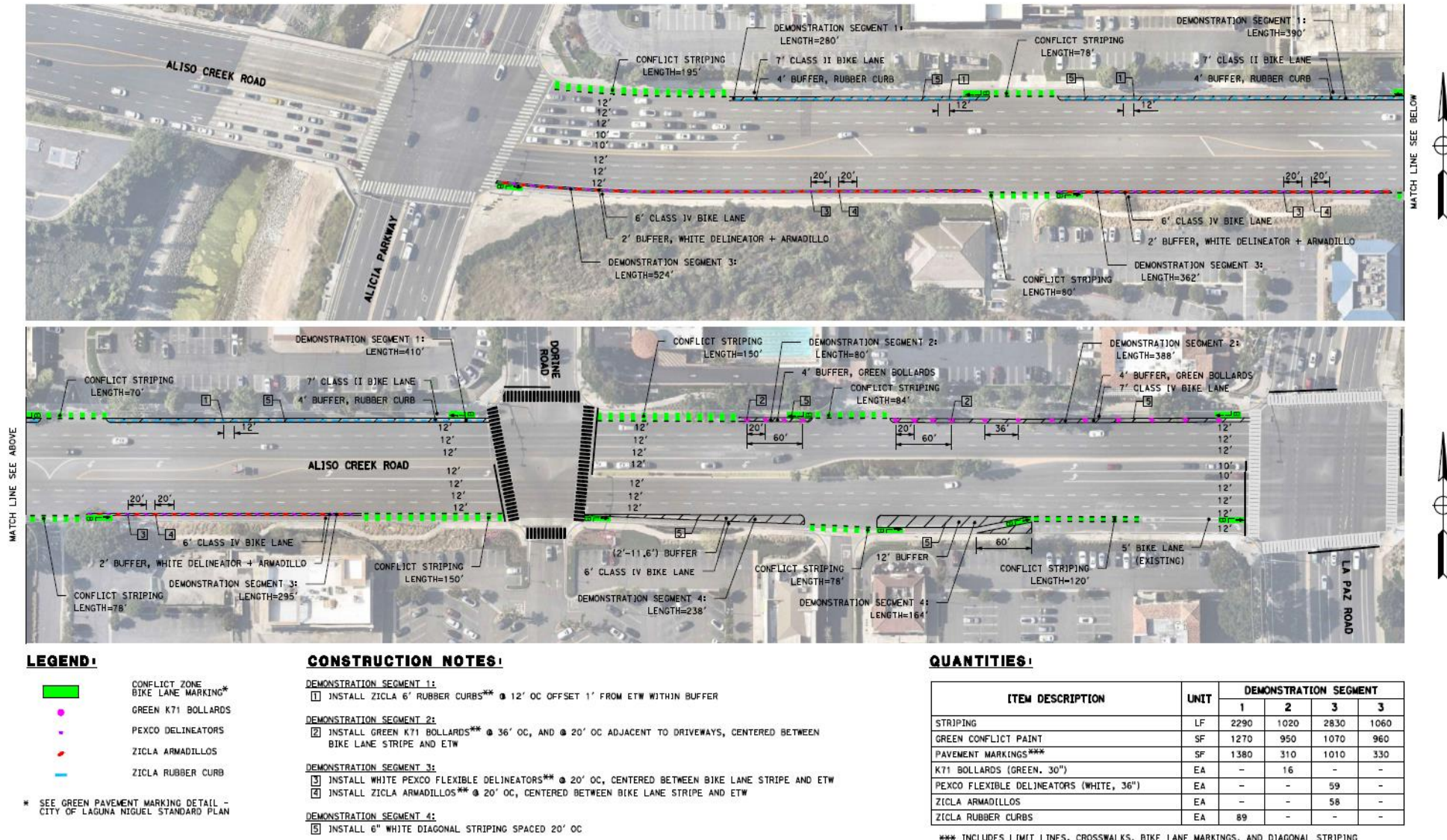
Challenges to Re-Envisioning Network

- Modified Funding Sources & Phased Engineering Approach
- Cultural Expectations Related to Driving
 - Expecting Wider & Faster Roads = Quality Time at Home
 - Expecting Free & Abundant Car Parking
- Traffic Safety & Public Safety
 - Effect on Response Times
- School Bus & Other Large Vehicle Needs



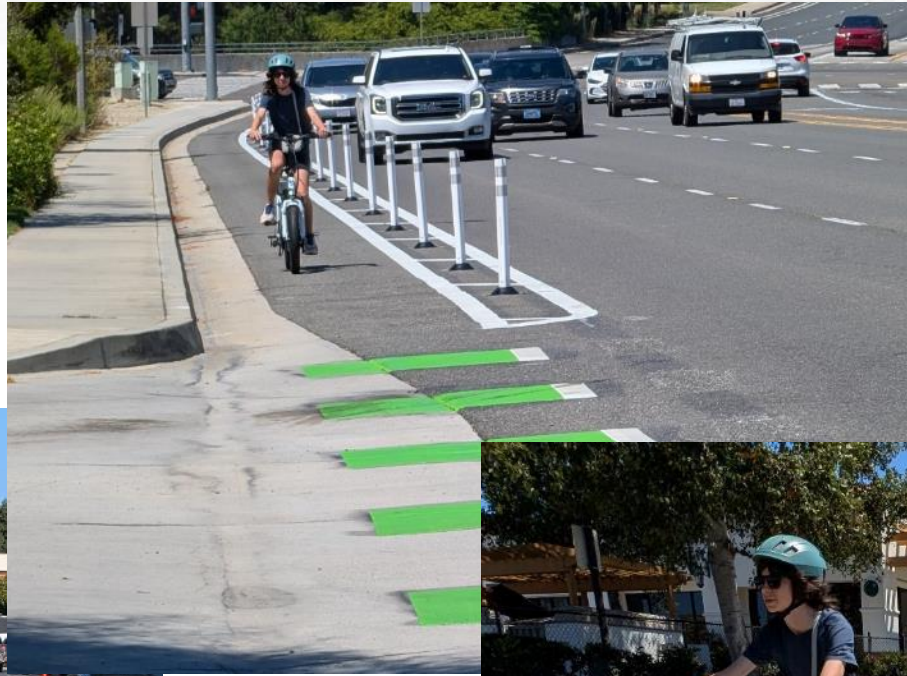
Laguna Niguel Cycletrack Pilot

- Engineering Layout for Quantities & Scale of Installation



Laguna Niguel Cycletrack Pilot

- Successful Installation
- Not a 1-day Event, but a 3+ Months Long Event



Laguna Niguel Cycletrack Pilot

- Criteria to Evaluate:
 - Aesthetics
 - Street Cleaning Operations
 - Community Preference
- Input
- Costs
 - Installation
 - Maintenance
- Durability
- Visibility of Treatment
- Traffic Operations
- User Comfort
- Applicability Elsewhere
- Timing/Availability

Option 1 – Flexible Bollards	Option 2 – Rubber Parking Stops	Option 3 – Rigid Bollards
<\$50/unit	<\$50/unit	>\$150/unit

**Costs only include material.

Other considerations – Mobilization, Traffic Control, Installation

Laguna Niguel Cycletrack Pilot

- Testing Durability



Source: City of
Laguna Niguel



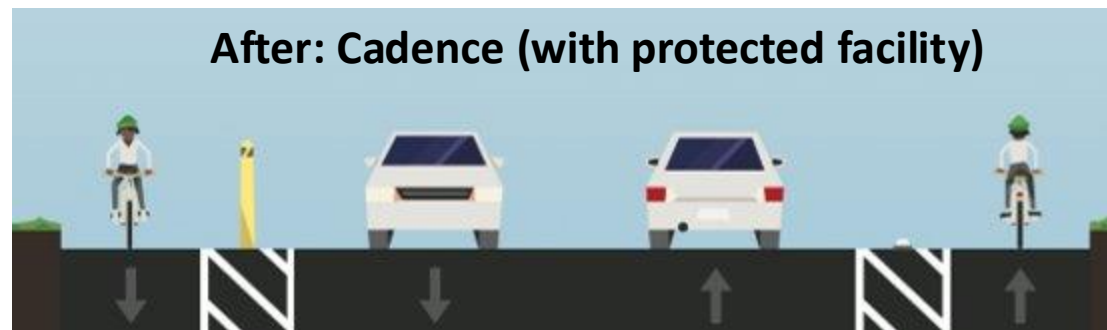
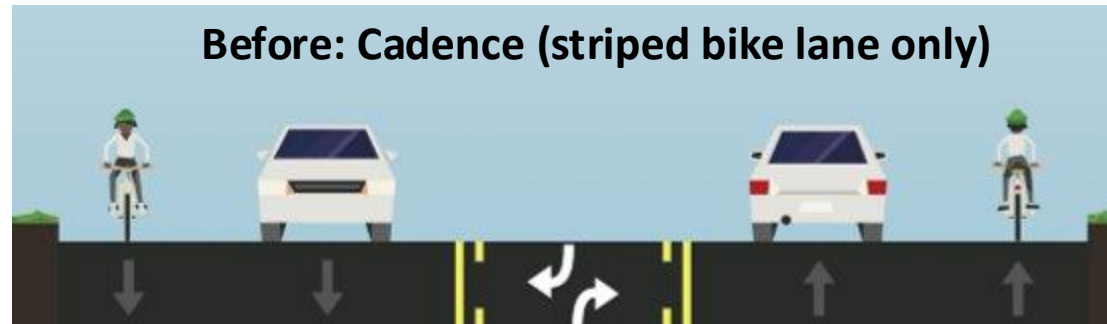
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Heavy Hitter

Irvine – Cadence Cycletrack

- Extruded Curb on Roadway Named Cadence
- 1.2 Miles Installed November 2024
- Connects Residential to Schools and Parks
- Minimal construction impacts, no widening/ROW
- Determined to get something installed, even if not perfect



Source: City of Irvine

Irvine – Cadence Cycletrack

- Lessons Learned:
 - Expect Leading Edge Damage by Motorists
 - Added Green Delineators
 - Added Raised Pavement Markers



Source: City of Irvine



Traffic Calming & EMS Concerns

- Field Test for Traffic Calming Features



Traffic Calming & EMS Concerns

- Post Implementation Traffic Calming Features



Considering EMS Response

- Considering Minimum Clearance



Contact Information

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