Active Transportation Plans

Safe Routes Partnership

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July 19, 2021

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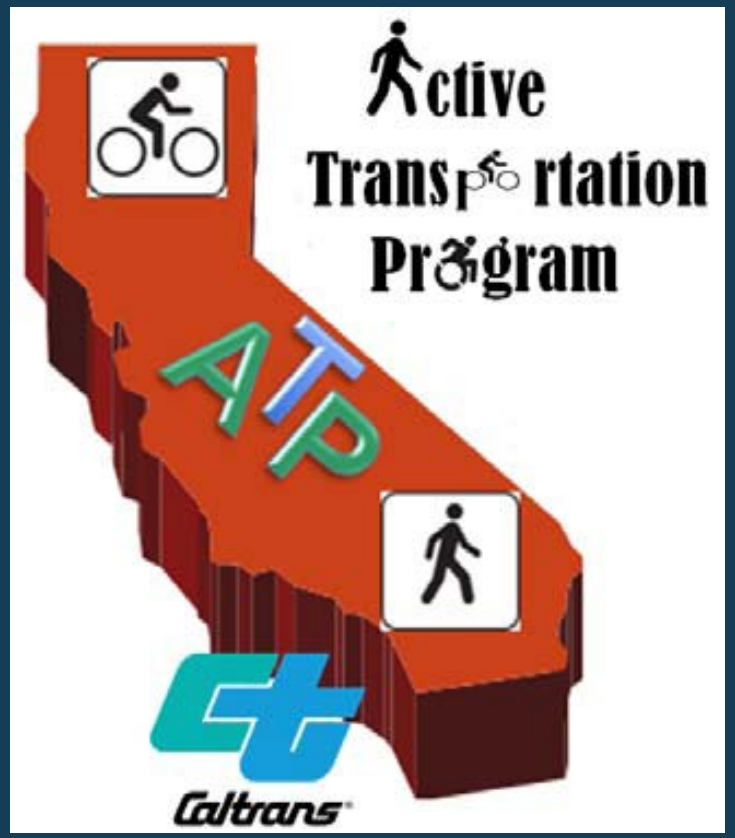
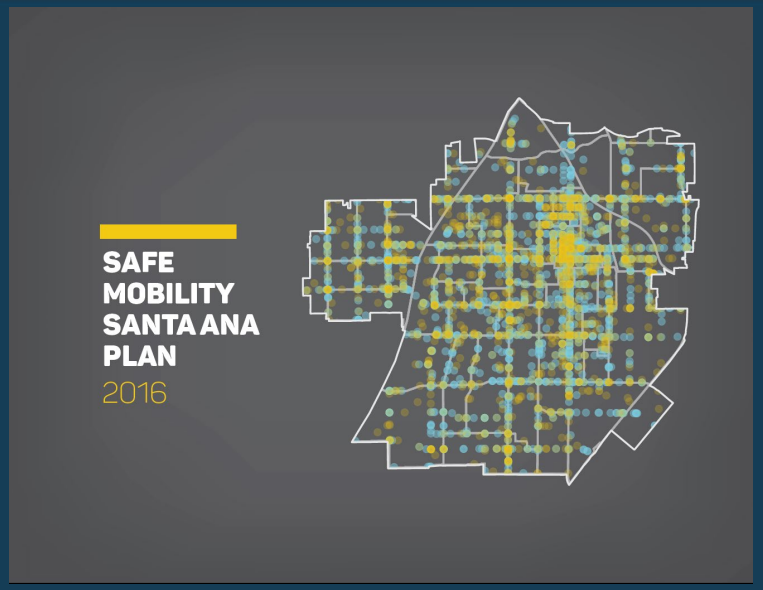
INNOVATING FOR A BETTER TOMORROW

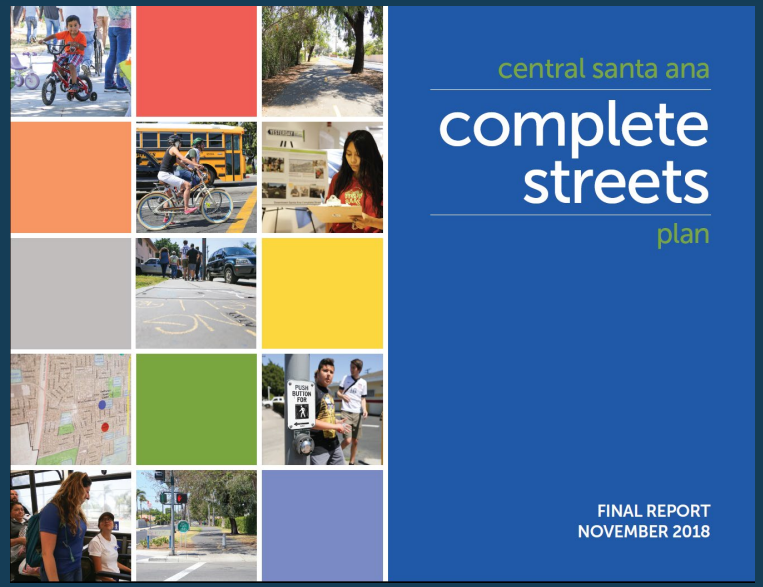
Santa Ana

- ATP Cycle 1 (2014) –
  - 8 Projects (4.8 million)
- ATP Cycle 2 (2015) –
  - 6 Projects (13.8 Million)
- ATP Cycle 3 (2016) –
  - 3 Projects (13.5 Million)
- ATP Cycle 4 (2018) –
  - 4 Projects (20.9 Million)
- ATP Cycle 5 (2020) –
  - 2 Projects (5.6 Million)



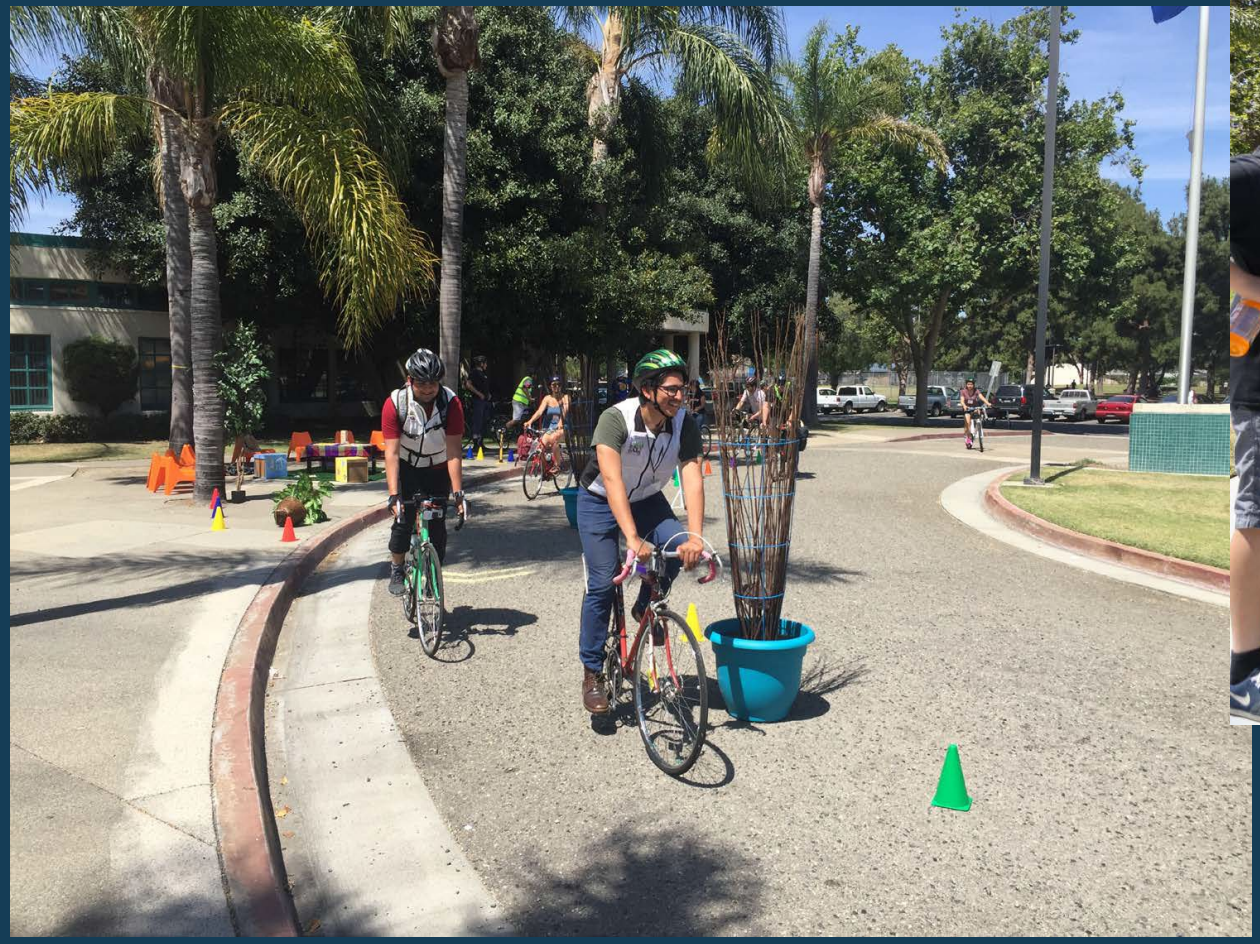
Five Plans in Five Years





Accessible for All Ages & Abilities

Go for a walk! Ride a bike!



Community Empowered Decision Making

Corridor	1	2	3	4	5	6	7	8	Total
Edinger		4	4	13	3		9		**33**
McFadden		5	3	6	3	3	3	8	**31**
Bishop/Willits						2	8	8	**18**
1st Street	3	4				3	4		**14**
Flower					3	2		8	**13**
Raitt	4		4	5					**13**
Sullivan				3				10	**13**
Fairview	4	6				3			**13**
Main	2	4					3		**9**
Orange							5	3	**8**
Standard	4		3						**7**
Bristol						4			**4**
Center				4					**4**
5th Street			3						**3**
Broadway					3				**3**
Wilshire				3					**3**
PE Trail					3				**3**
Monta Vista									**0**
St Andrews									**0**

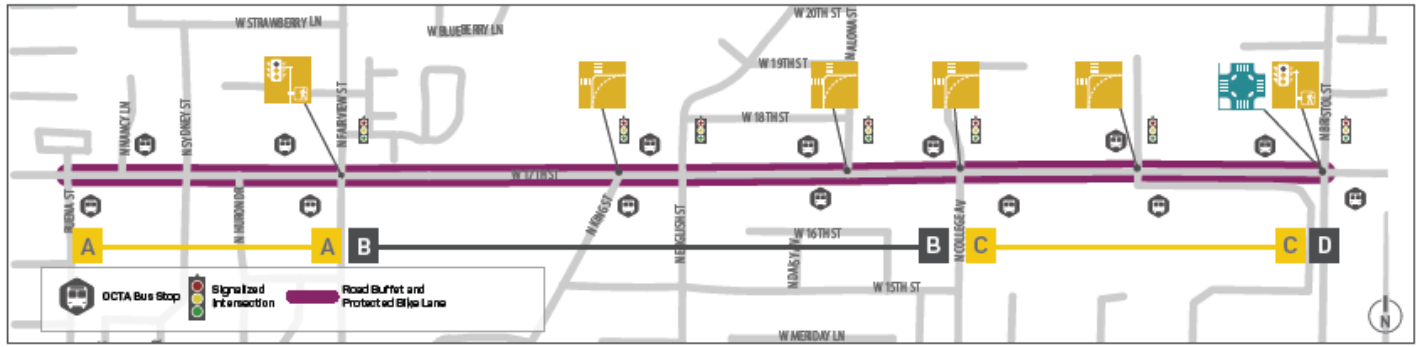
Grant required corridor

Final Product

16 | 17TH STREET

SAFE MOBILITY SANTA ANA PLAN

SOLUTIONS



PROJECT DESCRIPTION

The recommendations respond to the prevalence of both pedestrian and bicycle collisions along this corridor, frequently at signalized intersections and mid-block.

- Road Buffet
- Curb Radius Reduction
- Protected Intersection
- Protected Bike Lane
- Leading Pedestrian Intervals
- Speed Monitoring

CONSISTENCY CONSIDERATIONS

If it can be demonstrated that proposed lane assignments can accommodate existing and future volumes, temporary reconfiguration may be permitted. Board consideration is required to grant exceptions due to overriding and documented safety concerns.

COST ESTIMATE

$2,877,150

Curb Radius Reductions	$	90,000
One-Way Protected Bike Lanes	$	949,000
Leading Pedestrian Intervals	$	2,600
Speed Limit Reduction	$	1,500
Traffic Signal Modification	$	875,000
Engineering	$	287,715
Fees/Permits/Supervision	$	287,715
Contingencies	$	383,620

EXPECTED BENEFIT/COST RATIO

5.83

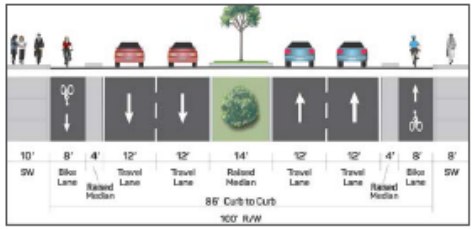
Calculations were conducted using SWITRS data input to the 2016 TIMS Berkeley Benefit Cost Calculator.

The benefit cost (BC) calculations provide an order of magnitude estimate and do not include the cost of Property Damage Only collisions. Detailed BC ratios will be completed for project grant applications.

Only collisions within proximity of the intersection are applied for consideration of the intersection-related collision reduction factors.

CROSS SECTIONS

A



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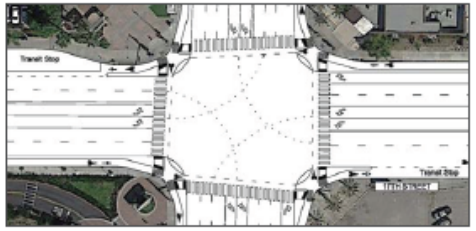
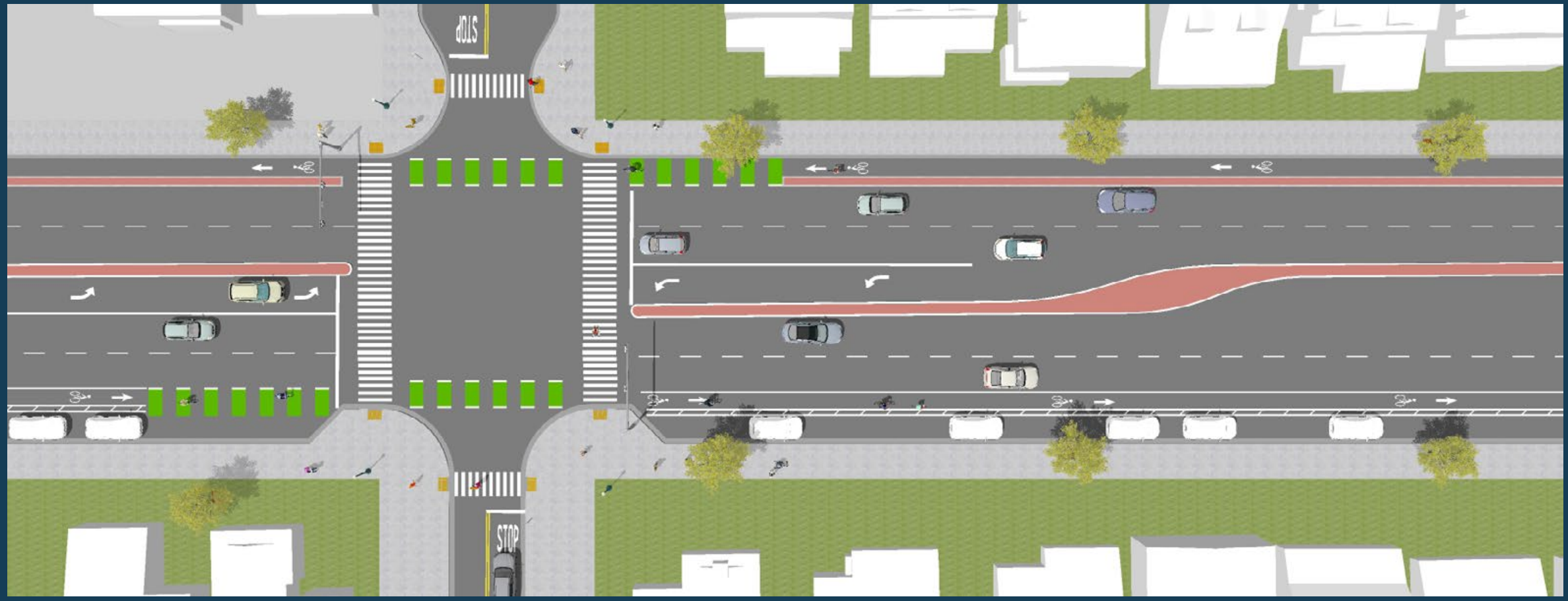


Final Product



Final Product

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Thank You!

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