

OC Streetcar Project



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OC Streetcar Project



- First modern urban rail transit project in Orange County
- 4.1 mile, modern streetcar, from SARTC to Harbor/Westminster
- 8 vehicles, 10/15 minute headways, 10 stops in each direction
- Advertise for construction in about one month, scheduled to open Dec 2020
- How did we get here?

What is a Modern Streetcar?



Measure M2



- 2006 half-cent sales tax measure
- Improvements to Metrolink
- Transit Extensions to Metrolink

Orange County Transit Projects



○ High Frequency Metrolink Service (in Orange County - existing rail line/stations)	page 23
○ Transit Extensions to Metrolink	page 23
○ Metrolink Gateways (not mapped)	page 24
○ Expand Mobility Choices for Seniors and Persons with Disabilities (countywide, not mapped)	page 24
○ Community Based Transit/Circulators (countywide, not mapped)	page 25
○ Safe Transit Stops (countywide, not mapped)	page 25

Go Local/Project S

Santa Ana & Garden Grove Connect!

Extending the reach of Metrolink to the east and west through a multi-modal transportation corridor



Santa Ana & Garden Grove Go Local Project Concept Step 1 Final Report

Prepared for:
Orange County Transportation Authority (OCTA)

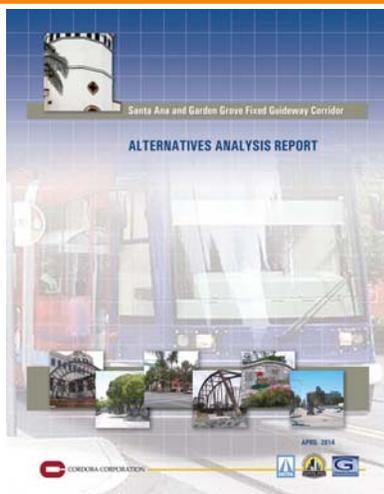
Submitted by:
City of Santa Ana
City of Garden Grove

March 2008

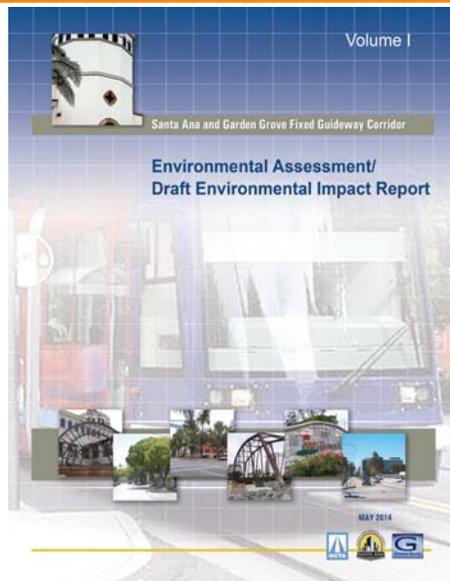


- Local agencies were invited to submit proposals to OCTA for improved transit service to Metrolink Stations
- Winners were awarded funding for planning studies
- Cities of Santa Ana and Garden Grove were successful

Alternatives Analysis



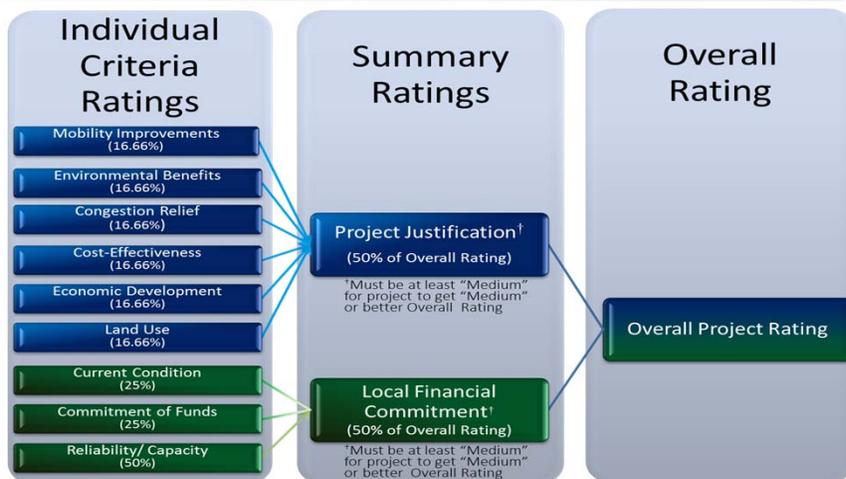
Environmental Documents



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FTA Capital Investment Grant (New Starts)

New and Small Starts Project Evaluation and Rating under MAP-21

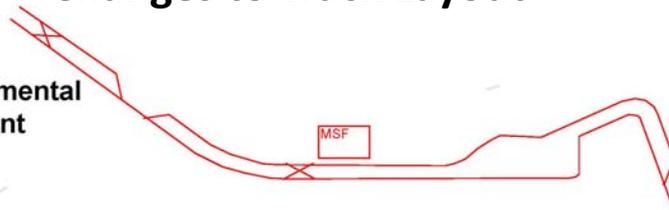


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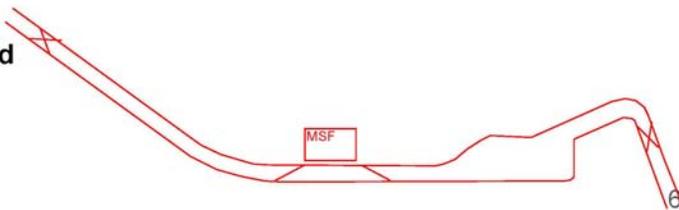
Value Engineering/Risk Assessment

Changes to Track Layout

Environmental Document



Revised



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Changed Bridge Type Westminster



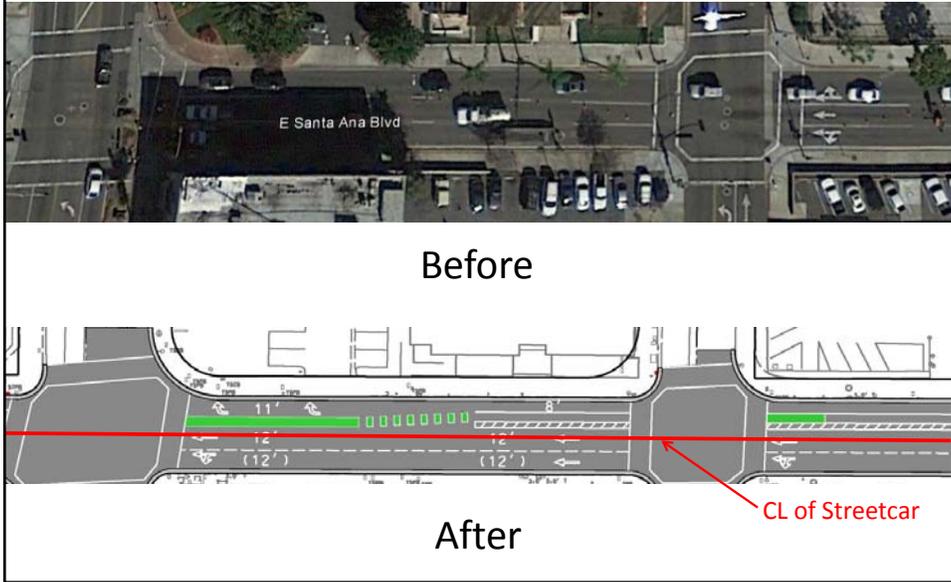
Before



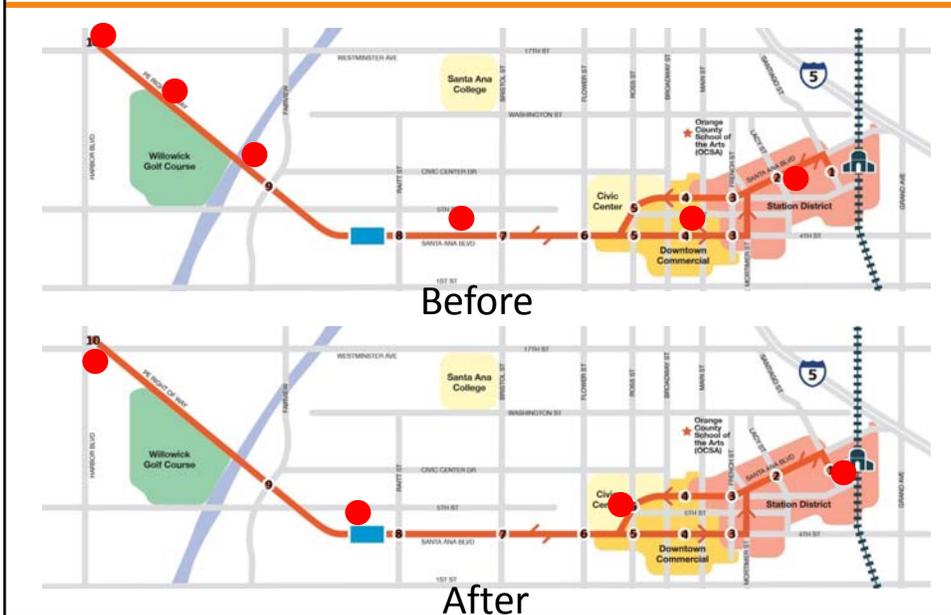
After

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Road Reconfiguration



Traction Power Substation Locations



Station Design

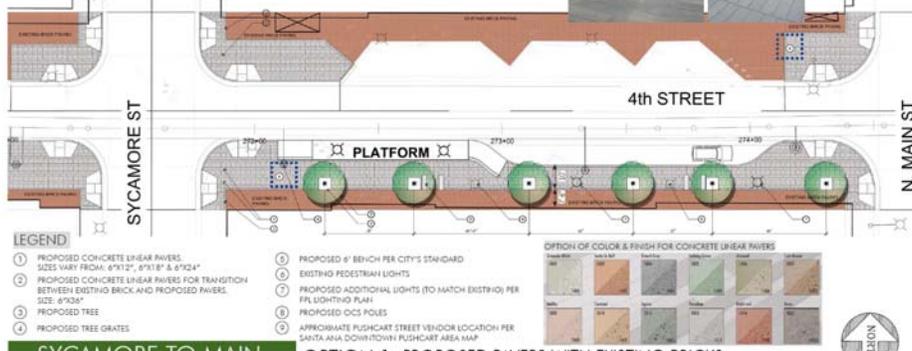


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Modifications to 4th Street



EXAMPLES OF USING CONCRETE LINEAR PAVERS



LEGEND

- 1 PROPOSED CONCRETE LINEAR PAVERS, SIZES VARY FROM: 6'X12", 6'X18" & 6'X24"
- 2 PROPOSED CONCRETE LINEAR PAVERS FOR TRANSITION BETWEEN EXISTING BRICK AND PROPOSED PAVERS, SIZE: 6'X36"
- 3 PROPOSED TREE
- 4 PROPOSED TREE GRATES
- 5 PROPOSED 6" BENCH PER CITY'S STANDARD
- 6 EXISTING PEDESTRIAN LIGHTS
- 7 PROPOSED ADDITIONAL LIGHTS (TO MATCH EXISTING) PER PFL LIGHTING PLAN
- 8 PROPOSED OCS POLES
- 9 APPROXIMATE PUSHCHAIR STREET VENDOR LOCATION PER SAKATA AVIA DOWNTOWN PUSHCHAIR AREA MAP

OPTION OF COLOR & FINISH FOR CONCRETE LINEAR PAVERS

Color	Finish	Color	Finish
Light Grey	Smooth	Dark Grey	Smooth
Light Grey	Brushed	Dark Grey	Brushed
Light Grey	Polished	Dark Grey	Polished
Light Grey	Antique	Dark Grey	Antique
Light Grey	Flamed	Dark Grey	Flamed
Light Grey	Acid Wash	Dark Grey	Acid Wash
Light Grey	Water Seal	Dark Grey	Water Seal
Light Grey	Sealer	Dark Grey	Sealer

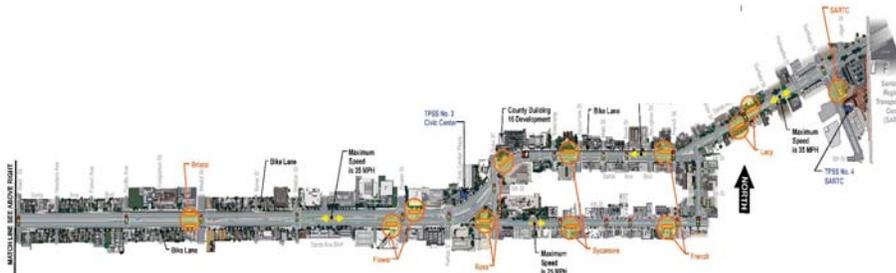
SYCAMORE TO MAIN

OPTION-1: PROPOSED PAVERS WITH EXISTING BRICKS

O C S T R E E

Navigation icons: back, forward, search, etc. Scale: 81.7% Date: 04 Nov 2016

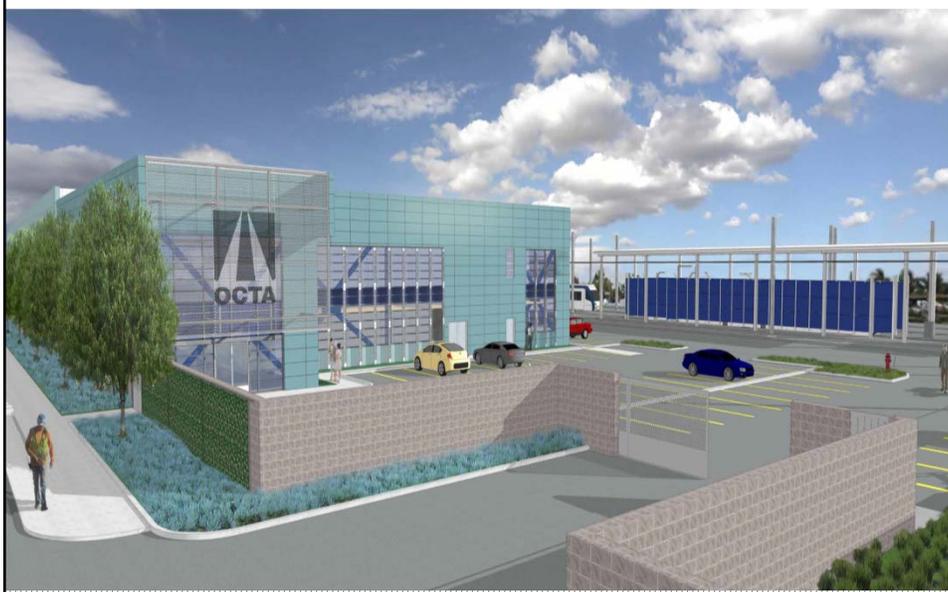
Street Running (East of Raitt St)



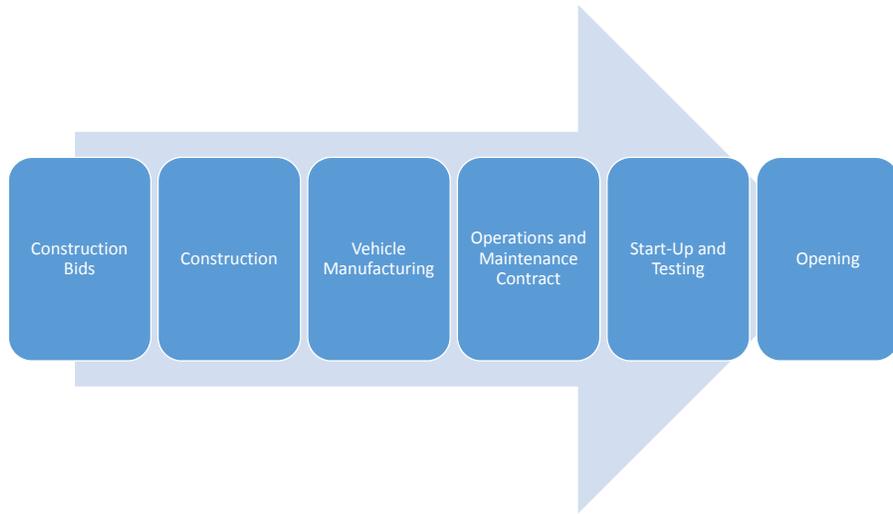
- WB: Santa Ana Blvd; EB: Sasscer Park, 4th Street, Mortimer Street
- Ross Street ByPass
- Embedded Block Rail
- Single Contact Wire plus underground feeder
- New and Modified Traffic Signals, City Bike Lane

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Maintenance and Storage Facility



What's Left?



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Questions?



Thank You!



octa.net/OCStreetcar.com



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