

Rail and Facilities Program Update

Corridor Improvements



Project	Cost (millions)
San Clemente Beach Trail Crossings Audible Warning System	\$ 4.50
Laguna Niguel-San Juan Capistrano Passing Siding	\$ 30.20
Irvine Third Main Track Expansion	\$ 68.50
TOTAL	\$ 103.20

- Planning/Conceptual
- Project Approval/ Environmental Document (PA/ED)
- Final Design
- Construction
- Closeout

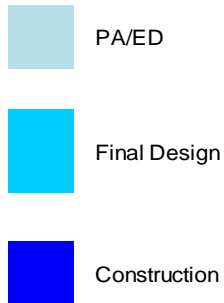
Schedule	2010	2011	2012	2013	2014	Notes
San Clemente Beach Trail Crossings Audible Warning System						- Final design complete - Currently modifying plans and assembling invitation for bids construction package (re-bid)
Laguna Niguel-San Juan Capistrano Passing Siding						- 30 percent design complete, undergoing quality check - Preparing request for proposals package for final design
Irvine Third Main Track Expansion						- 5 percent preliminary design complete - Proceeding with preliminary 30 percent design and environmental documentation

Station Improvements



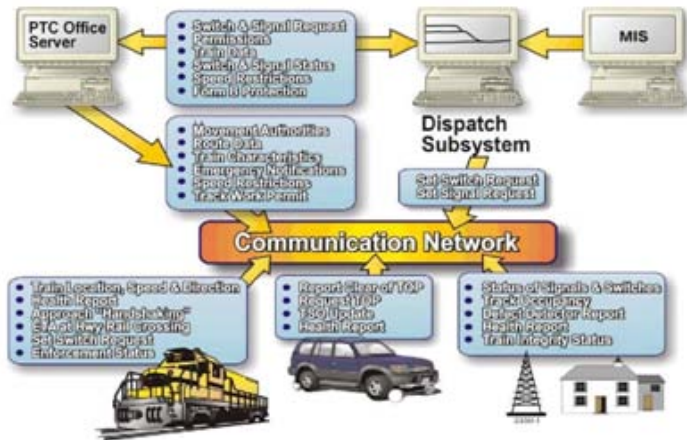
Project	Cost * (millions)
Orange Metrolink Station Parking Structure (500 Spaces)	\$ 23.00
Laguna Niguel/Mission Viejo (LN/MV) Metrolink Station Amenities and Parking Lots (176 spaces)	\$ 20.00
Placentia Metrolink Station	\$ 23.42
Anaheim Canyon Metrolink Station Improvements	\$ 20.00
Fullerton Transportation Center (FTC) Elevator Upgrades	\$ 1.48
Anaheim Regional Transportation Center (ARTIC)	\$ 190.00
TOTAL	\$ 277.90

Note: All Costs do not include right-of-way expenses



Schedule	2010	2011	2012	2013	2014	Notes
Orange Metrolink Station Parking Structure	PA/ED	PA/ED	Final Design	Final Design	Construction	-City has received approval from the state to expend redevelopment agency funds to continue design. City's portion of the construction funding will be dependent on bond sales by the City.
LN/MV Metrolink Station/Parking Improvements (Phase 1)	PA/ED	PA/ED	Final Design	Final Design	Construction	-Construction contract award will go to the Board of Directors on January 28, 2012. Construction will begin February/March 2013.
Placentia Metrolink Station	Final Design	Final Design	Final Design	Final Design	Construction	-Plans submitted to City, Metrolink, and Department State Architect for final approval in December 2012. Project will be advertised once City obtains federal environmental clearance, anticipated in August 2013.
Anaheim Canyon Metrolink Station Improvements		PA/ED	PA/ED	Final Design	Construction	-Addition of second track, platform, and pedestrian undercrossing. -Project being redefined to fit within proposed funding.
FTC Elevator Upgrades		PA/ED	PA/ED	Final Design	Construction	-Adding new elevators on both ends of the existing pedestrian overpass. -Construction pending savings from parking structure in second quarter 2013.
ARTIC	Final Design	Final Design	Final Design	Final Design	Construction	-City is the lead on this project; construction has commenced and is expected to be completed by November 2014.

Positive Train Control (PTC)



OCTA Funding		Southern California Regional Rail Authority (SCRRRA)	
Proposition 116	\$ 32,715,778	Project Development	\$ 58,199,491
Federal Transportation Administration (FTA)	\$ 4,147,427	Construction/Project	\$ 716,644
American Recovery and Reinvestment Act	\$ 1,234,000	Relocate/Adjust Signals	\$ 1,517,628
FTA Section 5309	\$ 275,800	Wayside Interface	\$ 11,457,800
SCRRRA Proposition 1A	\$ 1,474,395	Units/Commications and PTC	\$ 8,520,870
Local Funding (5309 match)	\$ 68,950	Communications/Pomona Train Control Operations Support	\$ 121,220,779
TOTAL	\$ 39,916,350	TOTAL	\$201,633,212

Project led by SCRRRA





Schedule	2010	2011	2012	2013	2014	Notes
V/I Contractor PTC system development/installation		█	█	█	█	-System design is 95 percent complete. Installation underway at wayside locations, communications network, onboard locomotives, and in the lab.
Systems Testing/Federal Railroad Administration (FRA) Certification			█	█		-Began FRA-witnessed testing in fourth quarter 2012. Testing integrated sytem in lab January 2013. Safety plan submittal to FRA by June 2013 for certification. -System demonstration on September 10, 2013.
Project Closeout/Transition to Operations					█	-PTC revenue service delayed to September 2013. Closeout first quarter in 2014.














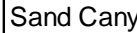

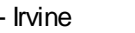





Los Angeles – San Diego – San Luis Obispo Grade Separation Project Development



Project	Est. Cost (millions)
17th Street - Santa Ana	\$ 89.00
Orangethorpe Avenue - Anaheim	\$ 94.00
Ball Road - Anaheim	\$ 71.00
Grand Avenue - Santa Ana	\$ 72.00
Main Street - Orange	\$ 69.00
State College Boulevard - Anaheim	\$ 92.00
Sand Canyon Avenue - Irvine (40 percent; July 2014 complete, due to utility)	\$ 56.00
Santa Ana Boulevard - Santa Ana	\$ 74.00
TOTAL	\$ 617.00

Legend:

-  Project Concept
-  Project Approval
-  Final Design
-  Construction

Schedule	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
17th Street - Santa Ana												
Orangethorpe Avenue - Anaheim												
Ball Road - Anaheim												
Grand Avenue - Santa Ana												
Main Street - Orange												
State College Boulevard - Anaheim*												
Sand Canyon Avenue - Irvine												
Santa Ana Boulevard - Santa Ana**												

Note: Schedules reflect only current funded phases.

*Early construction package for utilities: construction scheduled for September 2013 - June 2014

**City is advancing current phase.

Metrolink Operations

Metrolink Operations (cont.)

Tier 4 Locomotive Procurement

- Contract for ten Tier 4 "clean" locomotives awarded on December 14, 2012 by Southern California Regional Rail Authority Board of Directors
 - \$129.4 million base contract
 - \$3 million spare parts
 - \$500,000 engineering
 - \$8 million contingency
- Funding sources include:
 - Proposition 1A (high-speed rail)
 - Rehabilitation (federal 5307 and local funds)
 - Air Quality Management District grant funds
 - State Public Transportation Modernization, Improvement, and Service Enhancement Account
- Orange County Transportation Authority members requested plan of finance and cash flow for procurement

Go Local Fixed-Guideway Program: Anaheim Rapid Connection

Go Local Fixed-Guideway Program: Santa Ana/Garden Grove

Facilities
