MID-COAST TROLLEY EXTENSION
CONNECTING
THE SAN DIEGO REGION

ITOC Item 12  | January 8, 2020
PROJECT OVERVIEW

• 11-mile extension of the Blue Line Trolley
• Old Town Transit Center to University City
• Nine new stations (five with parking)
• 36 Trolley cars
• Revenue service begins in fall 2021
• $2.17 billion (52% TransNet, 48% FTA)
<table>
<thead>
<tr>
<th>Milestone</th>
<th>Baseline</th>
<th>Aug 2019 Update</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy Construction Duration</td>
<td>56 months</td>
<td>57 months</td>
</tr>
<tr>
<td>Reach 14 Track Const. Complete</td>
<td>August 2020</td>
<td>October 2020</td>
</tr>
<tr>
<td>Start MTS Pre-Revenue Testing</td>
<td>April 2021</td>
<td>May 2021</td>
</tr>
<tr>
<td>Final Completion by MCTC</td>
<td>July 2021</td>
<td>August 2021</td>
</tr>
<tr>
<td>Revenue Service Date</td>
<td>September 2021</td>
<td>November 2021</td>
</tr>
</tbody>
</table>
QUARTER ACCOMPLISHMENTS

- Successful Green Line Cutover
- Removing Genesee Avenue Pre-Cast Viaduct Falsework
- Deck on Nobel Viaduct over I-5 (final major pour)
- La Jolla Colony Underpass
- Station & Platform Construction
- Trackwork At-grade & Aerial
- Catenary & Signal Systems Work
- Vehicle Deliveries
CONSTRUCTION STATUS

75% Expended
60% Time
Mid-Coast LRT Projected vs. Actual DBE Goal 11.3%
DBE SUCCESS STORY

Temporary staffing firm
Established in 2011
DBE certified in 2011

Mid-Coast Successes
MCTC contract value $80K to $1.8M
Grew from 1 to 8 employees
New contracts on Redmond Project; Tempe Street Car Project; and HQ Stacy and Witbeck national contract
Added engineering, safety, and environmental to their scope

JLM Motto:
Our People, Your Results

Strategic Talent Partners

MID-COAST PROJECT

Tecolote Creek Bridge & Morena Track - Reach 4
MID-COAST PROJECT

Rose Creek Flyover Bridge – Reach 8
MID-COAST PROJECT

Nobel Viaduct – Reach 12
LRT Bridge over I-5 at Voigt – Reach 13
Voigt Drive Station and Ped Bridge – Reach 13
Genesee Pre-Cast Viaduct – Reach 14
Genesee Viaduct UTC Station – Reach 14
# Project Risks

<table>
<thead>
<tr>
<th>Risk Item</th>
<th>Potential Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Right of Way Cost – Mediations, Settlements, Trials</td>
<td>Cost</td>
</tr>
<tr>
<td>Right of Way - Goodwill Claims</td>
<td>Cost (no federal participation)</td>
</tr>
<tr>
<td>Fez Street Substation</td>
<td>Schedule, Redesign, Cost</td>
</tr>
<tr>
<td>Construction Unknowns - Schedule &amp; Cost</td>
<td>Schedule and Cost (diminishing)</td>
</tr>
</tbody>
</table>

**Right of Way Risk**
- 1 - 3 properties go to trial
- Trial, legal, goodwill exposure costs strains the budget
PUBLIC OUTREACH

• Stakeholder Outreach
  – Community Planning Groups
  – Monthly Council Briefing
  – Construction Notices
  – Shift San Diego
• Public Inquiries and Comments
• Community Presentations
• Media Events
• Opening Day Outreach/Marketing
Contact Us
midcoast@sandag.org
(877) 379-0110
KeepSanDiegoMoving.com/MidCoast

Mid-Coast Trolley
@MidCoastTrolley
Questions?
10 YEARS OF NCC IMPLEMENTATION

Public Works Plan/Transportation and Resource Enhancement Program
Implementation blueprint for a 40 year $6 billion program

North Coast Corridor Program
Highway, rail, transit, environmental protection and coastal access improvements

Highway Improvements

Coastal Rail and Transit

Environmental Protection & Coastal Access
FINAL PHASE 1 EXPRESS LANES APPROVED

“New Express Lanes Coming To Interstate 5 From Carlsbad To Oceanside”
December 18, 2019

“Coastal Commission Approves I-5 Express Lanes from Carlsbad to Oceanside”
December 17, 2019
POINSETTIA STATION IMPROVEMENTS
RIBBON CUTTING PLANNED FEBRUARY 2020
$1.5 BILLION IN CORRIDOR SINCE 2006

CONTEXT
SAN DIEGO COUNTY FROM 2006 - 2017

POPULATION
13% increase

JOBS
9% increase

HOUSING UNITS
8% increase

ENVIRONMENTAL ENHANCEMENTS

2022
1,209 acres

EXPRESSION LANES

2006
5.5 miles

2022
25 miles

LOSSAN DOUBLE TRACK

2006
5.3 miles

2022
12.5 miles (2.85 miles shovel-ready, pending funding)

BIKEWAY

2006
5.3 miles

2022
28.3 miles
Completed: $559 M
Under Construction: $938 M

Shovel Ready: $196 M
In Design/Environmental: $580 M
PHASE 1 “BUILD NCC”

In Construction
San Elijo Lagoon Restoration
Complete Mid 2020

Completed
Coastal Rail Trail

Completed
San Elijo Lagoon Rail Bridge

In Construction
I-5 Express Lanes &
San Elijo Lagoon Highway Bridge
Open to Traffic Late 2021

Ready for Construction
I-5 Express Lanes
Fall 2020
BUILD NCC CONSTRUCTION DASHBOARD

Corridor Contingency Reserve: $35 M
NEARLY 6 MILES OF PAVING COMPLETE
STAGE 1 MEDIAN WIDENING NEARLY COMPLETE
PREPARING FOR OUTSIDE WIDENING CREWS TO MOVE TO STAGE 2 IN SPRING 2020
BIKE/PED ENHANCEMENTS NEAR COMPLETION
ANTICIPATED MARCH/APRIL 2020
SAN ELIJO LAGOON PLANTING BEGINS
RESTORATION PROJECT ENTERS FINAL PHASE OF CONSTRUCTION
PROJECT EFFICIENCIES
ADVANCING FIRST OF 1,500+ NEW TREES TO BE PLANTED
I-5 EXPRESS LANES
(PALOMAR AIRPORT ROAD TO STATE ROUTE 78)

• $110 Million
• Construction:
  • Fall 2020 – 2022
• Improvements:
  • Four Miles of Express Lanes
  • Operational Improvements between Poinsettia Lane and Cannon Road
  • Bike/Pedestrian Enhancements
  • Four Sound Walls
  • New Signage, Lighting, and Fiber Optic Cables
Connect With Us During Construction
Caltrans and SANDAG are committed to minimizing impacts and keeping communities informed during construction.

Sign up for updates at
KeepSanDiegoMoving.com/BuildNCC

Email us at
BuildNCC@KeepSanDiegoMoving.com

Call (844) NCC-0050

Text BuildNCC to 313131
to receive construction alerts

Follow us @BuildNCC #BuildNCC
@SDCaltrans

Like us at
SANDAGregion | CaltransDistrict11

Follow us at
@SANDAGregion #BuildNCC

Watch more at
SANDAGregion | CaltransVideo