

SANDAG

Upcoming Projects And Airport Connectivity Subcommittee Summary

Linda Culp
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SANDAG Jurisdictions

4,230 square miles

3.2 million residents

Oceanside

Carlsbad

Encinitas

Solana Beach

Del Mar

Vista

San
Marcos

Escondido

*County of
San Diego*

Poway

San Diego

Santee

El Cajon

La Mesa

Lemon Grove

National City

Chula Vista

Coronado

Imperial Beach

UPCOMING PROJECTS

Coastal Rail Corridor

Regional Bikeway Early Action Program

Complete Corridors Implementation





LOSSAN

Coastal Rail Corridor

San Diego Segment

Los Angeles • San Diego • San Luis Obispo



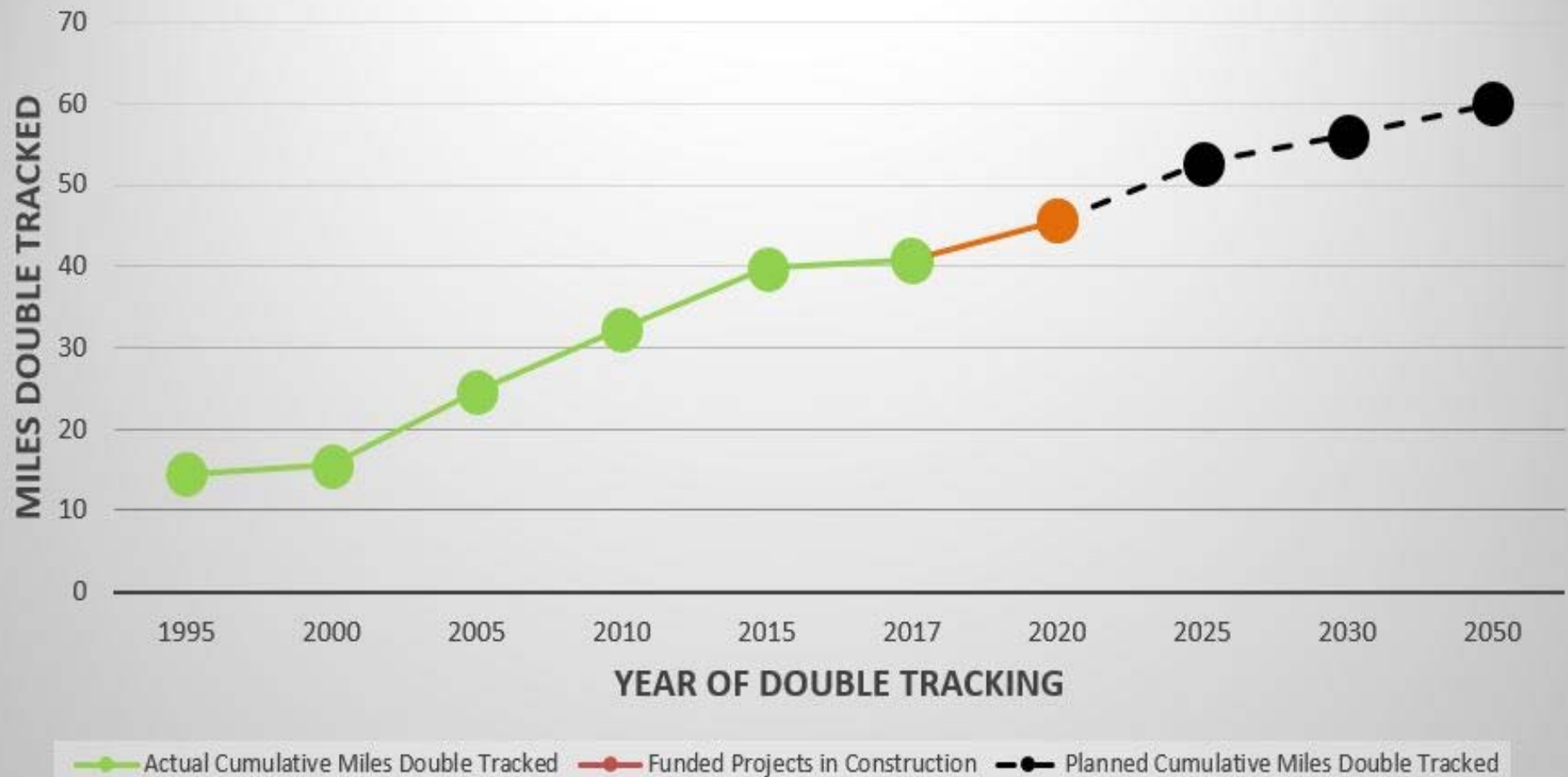
Building Today. Boarding Tomorrow.

KeepSanDiegoMoving.com

LOSSAN Double Track



LOSSAN Cumulative Miles Double Tracked in San Diego County



San Onofre Pulgas Double Track 2



STIP funds programmed with construction start after Red Beach bridge completed by NAVFAC

San Onofre Pulgas Double Track 2



Improvements:

- Add 1.5 miles passing track
- New bridges at Las Pulgas Road and Las Flores Creek

Project Budget:

- \$30 million for construction

Status:

- Permitting complete
- Construction start after Red Beach bridge replaced by NAVFAC
- Construction scheduled for 2021



Del Mar Bluffs Stabilization 4



Improvements:

- Drainage structures
- Stabilize most urgent slopes

Project Budget:

- \$6 million

Status:

- Design & Permitting completed
- Construction to start this Fall
- Future phases pending funding



LOSSAN – San Diego Progress Report 2019 Program

Funding:

- Total amount funded: \$805M
- Total funds required: \$1.6B
- Current schedule projected through 2025

33 Total Projects:

- 14 open to public
- 4 funded through construction
- 8 funded through design
- 2 funded through prelim. engineering
- 5 projects in planning
- 3 projects currently in construction





REGIONAL BIKE PLAN

EARLY ACTION PROGRAM

- \$200 million in *TransNet* funds
- Building 77 linear miles of bikeways
- 70 of 77 miles either open or under design
- 8.8 miles open to date



Slide 10

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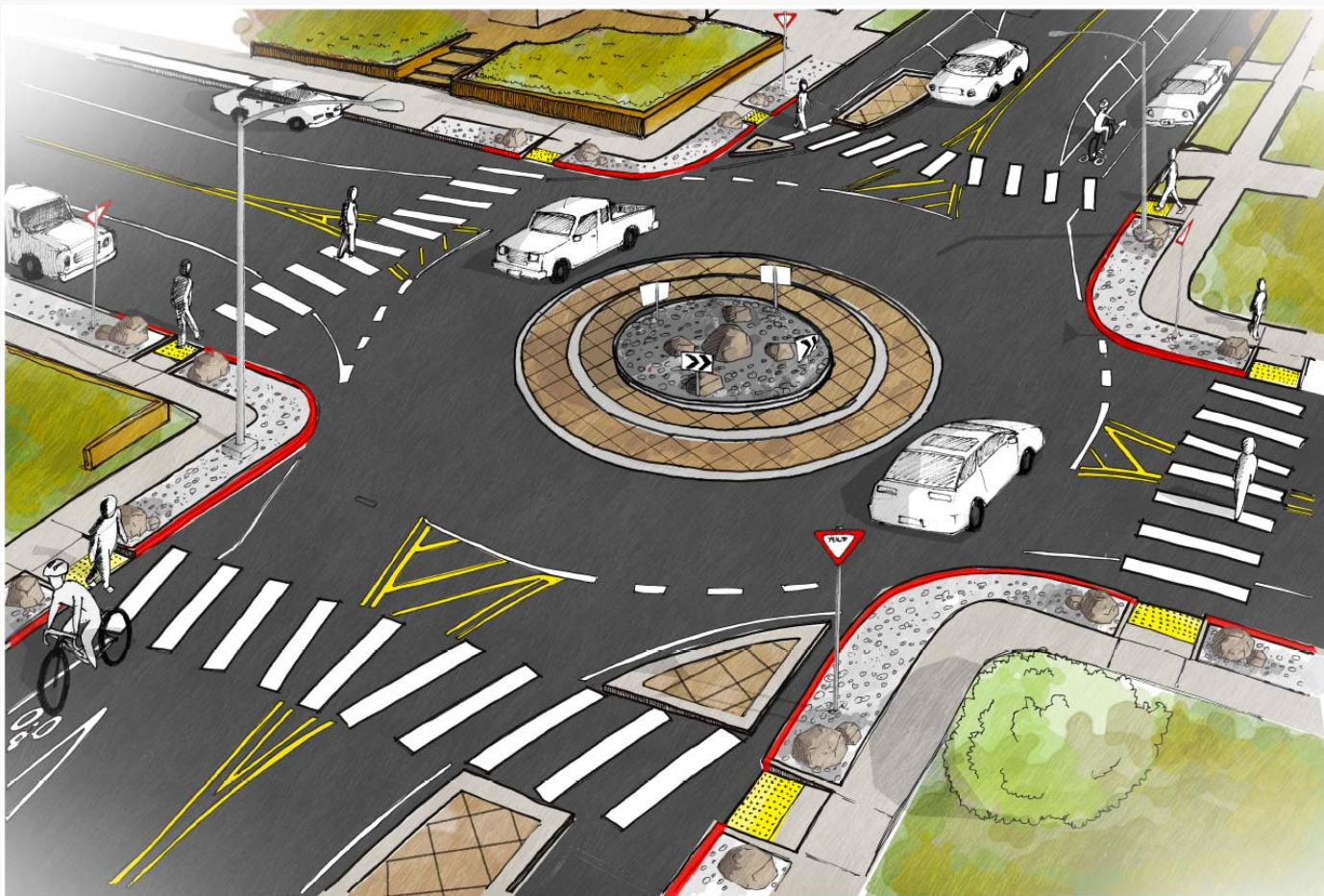
updated the NPMC alignment map

Cushman, Natalie, 8/27/2019



BIKEWAY FEATURES

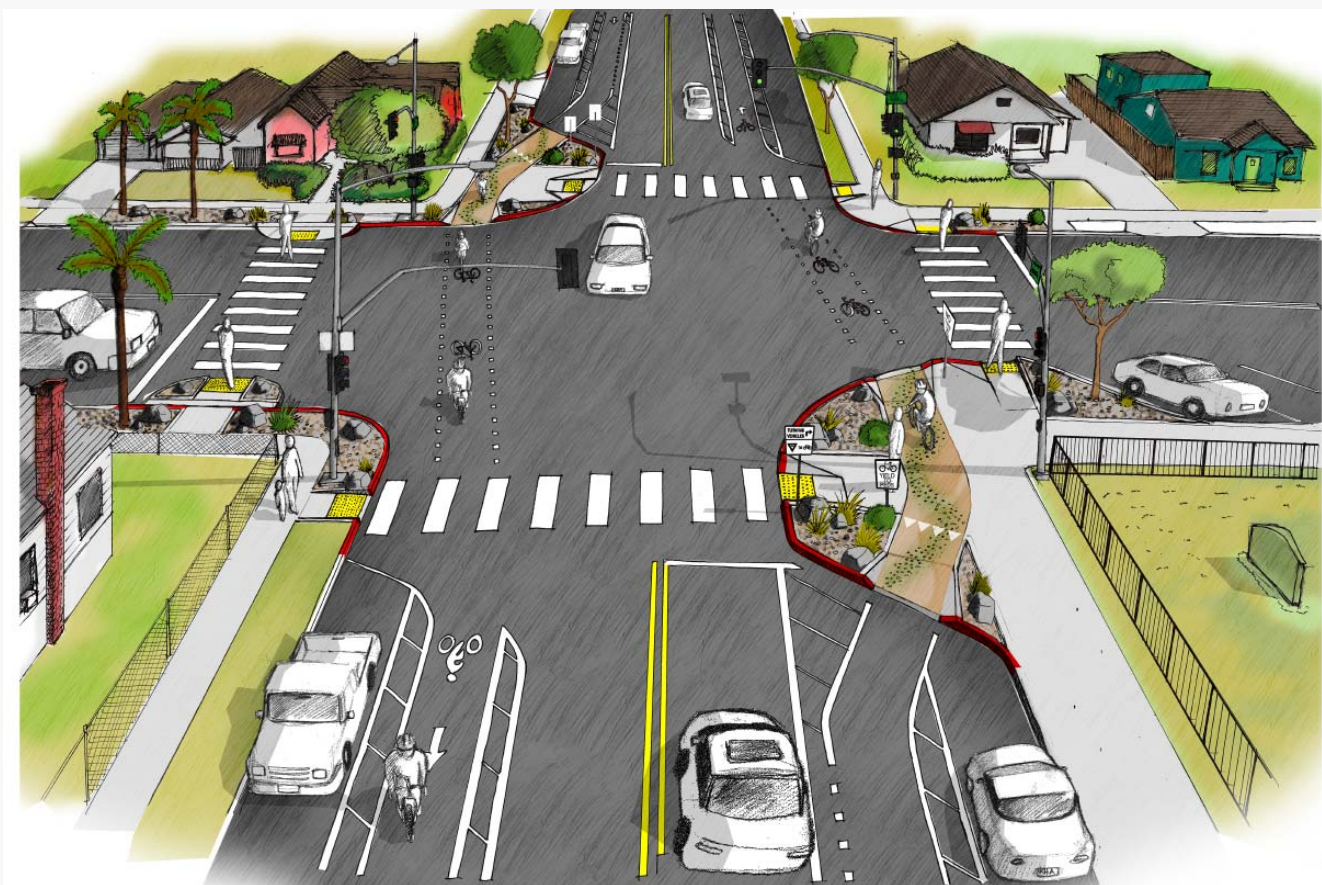
NEIGHBORHOOD TRAFFIC CIRCLES





BIKEWAY FEATURES

BEND-OUTS



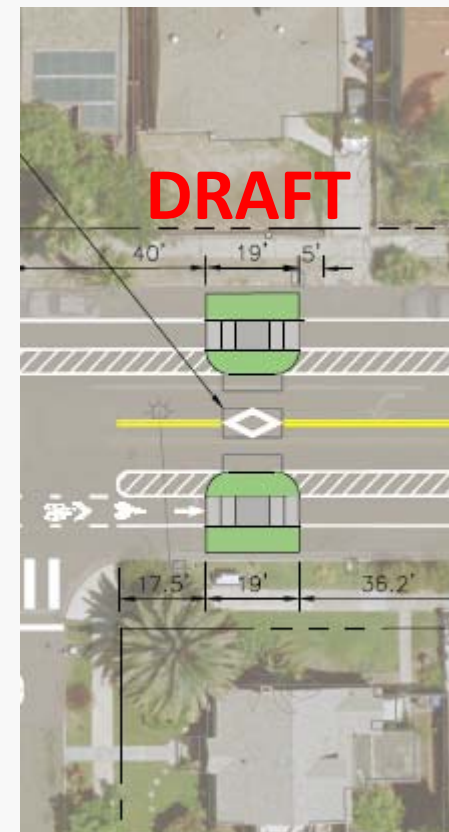


BIKEWAY FEATURES

CHOKER WITH SPEED CUSHION



SE Spokane Ave. Portland, OR

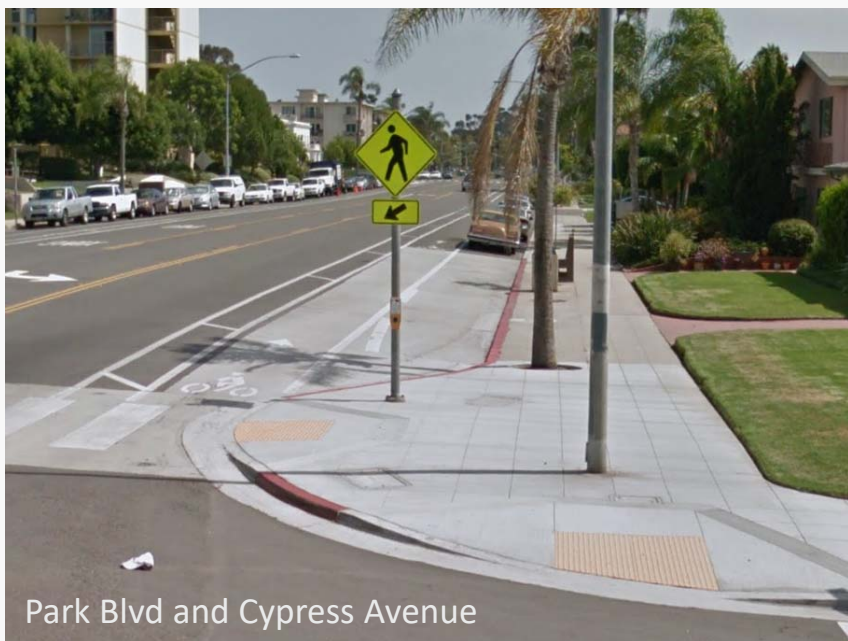


Vista Street Bike Blvd. , Long Beach, CA



OTHER PROJECT FEATURES

CURB EXTENSIONS & RAISED CROSSWALKS



Park Blvd and Cypress Avenue



Gardendale Rd., Encinitas



CLASS I SEPARATED BIKEWAYS





Proposed Program Budget Amendment: Capital Improvement Program

SANDAG Has An Exciting Opportunity

- Accelerate delivery of prioritized projects
- Apply the 5 Big Moves Complete Corridors strategy
- Get \$1.4 billion in projects shovel-ready to compete for construction funds
- Position projects throughout the region to apply for competitive funding sooner
- Use \$130 million in *TransNet* funds to invest nearly \$460 million in *TransNet* projects

Anticipated *TransNet*, State, and Federal Revenues

FY 2020 – 2025 (\$millions)

	Total	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25
<i>TransNet</i> Major Corridors¹	130.2	3.6	6.7	10.8	25.7	39.3	44.1
Federal Formula (RSTP/CMAQ)	358.2	44.0	46.3	46.3	64.0	76.9	80.7
Federal CBI	5.0	5.0					
State formula (STIP/LPP)	70.0	3.0	9.7	9.7	11.8	24.8	10.9
State STIP Advance²	18.0					18.0	
FY 2020 State Budget Earmark³	6.0	6.0					
Local (Santee)⁴	6.0	6.0					
Total Annual Revenues	593.4	67.6	62.7	66.8	101.5	159.0	135.7
Cumulative Revenues		67.6	130.3	197.1	298.6	457.6	593.4

Corridor Funding Options

Potential 12 Complete Corridor Funding Options: FY 2020 to FY 2025 (\$millions)								
TransNet Projects	Project	New Funding Needed	FY2020	FY2021	FY2022	FY2023	FY2024*	FY2025*
	1 Central Mobility Station/I-5/Coronado Connection & Downtown Connection							
	● A. Corridor System Management Plan, including local arterials in Coronado, Advanced Planning	10.0	3.0	3.0	4.0			
	● B. Central Mobility Station - Environmental Studies, Preliminary Engineering	40.0			3.0	7.0	15.0	15.0
	● C. PCH/Central Mobility Bikeway	17.0						17.0
	2 Complete Corridor: North Coast Corridor/I-5 North							
T	● A. I-5 HOV Conversion to Express Lanes - Design and Construction	60.0	13.7	5.0	15.6	12.8	12.9	
	● B. Stabilization of the Del Mar Bluffs (Phase 5) - Environmental and Design (\$3.7M), additional work (\$2.3)	6.0	6.0					
T	● C. San Diego Regional Rail Safety and Reliability Corridor - Advanced Planning	3.0	3.0					
T	● D. Two additional train sets to provide more frequent commuter rail service, including 30-minute peak period service, along the COASTER corridor - Procurement	58.8		3.0	4.4	29.4	22.0	
	3 Complete Corridor: Blue Line Express/I-5 South & Palomar St Rail Xing							
T	● A. Corridor System Management Plan, Advanced Planning	3.0	3.0					
T	● B. Palomar St Rail Grade Separation - Design	5.0			2.0	2.0	1.0	
T	● C. Forty-seven additional LRV's to support additional, low-floor, more frequent trolley service - Procurement	72.0	6.0	14.0	10.0	12.0	25.0	5.0
	● D. SR 75/Palm Avenue Operational Improvements - Design and	2.0					1.0	1.0

(FY 2020 - FY 2025)

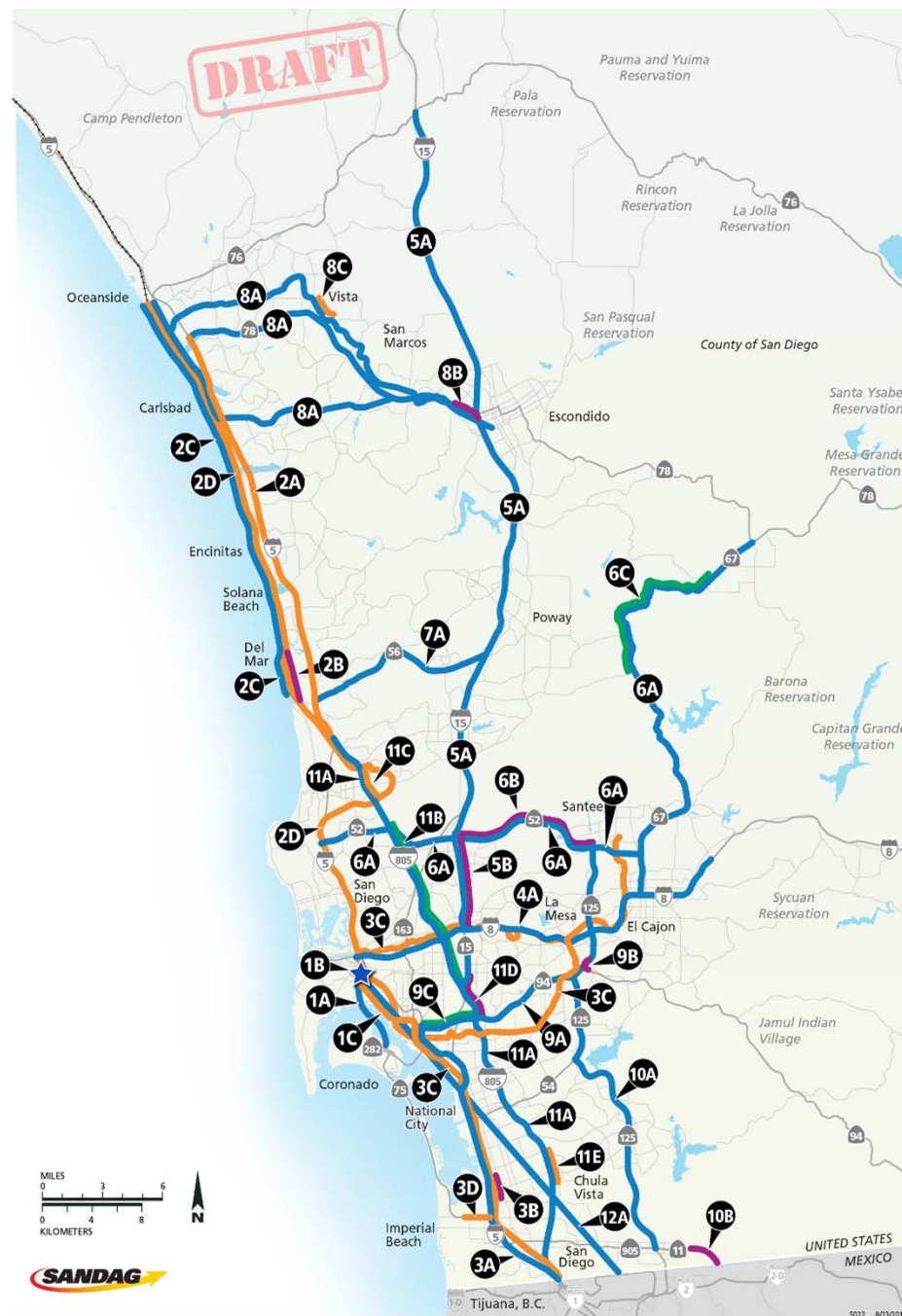
- Planning
- Environmental
- Design
- Construction



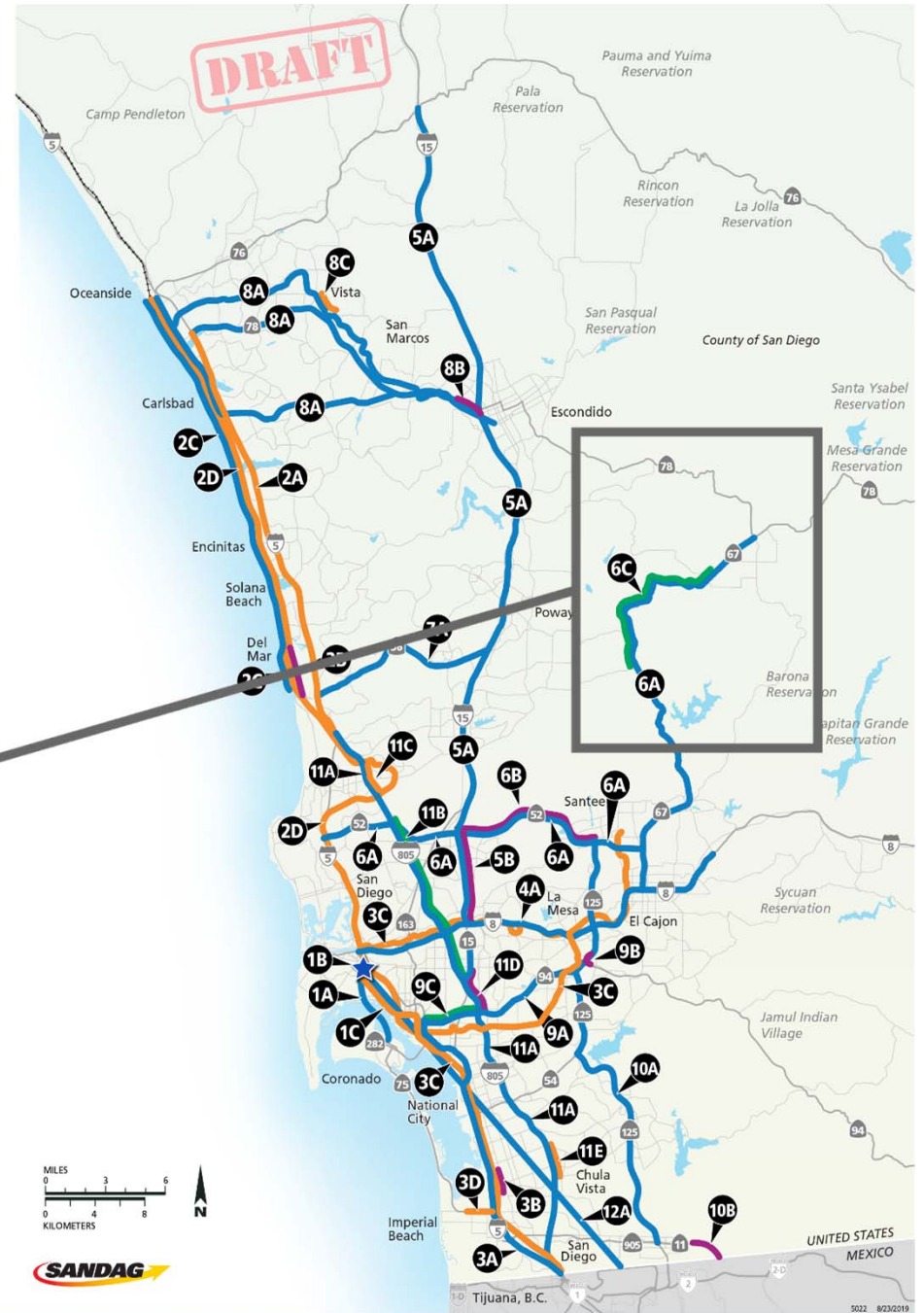
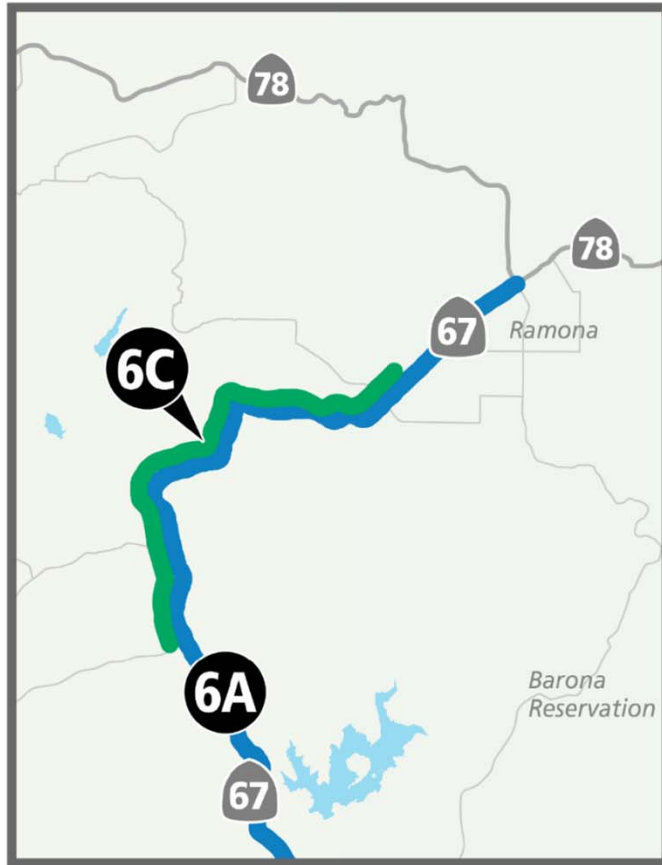
Mobility Hub

Not Mapped

13A 13B 13C



Sample Projects (Detail)



(Detail)



Sample Projects (Detail)



Moving the Region Forward

- Strategic proposal to amend FY 20 Budget
 - Focuses limited funding on environmental and design work
 - Increases project competitiveness
 - Kick starts work now vs. waiting until May 2020
- Addresses long-standing needs
 - Applies Complete Corridor strategy
- Advances project delivery
- Consistent with *TransNet* measure
- Reduces the risk of losing funds

Airport Connectivity Subcommittee Summary



- ▶ Create multi-modal hub with regional connections to the Airport
- ▶ New direct transit connection to/from the Airport
- ▶ More direct path for auto traffic to/from the Airport
- ▶ Laurel Street to serve as primary airport access
- ▶ Harbor Drive to be converted into next great waterfront street with dedicated transit lanes
- ▶ Reduce airport traffic on Grape and Hawthorn Streets
- ▶ Maintain Pacific Highway for local auto traffic and active transportation solutions

INTERAGENCY GOALS

CONCEPT OPTIONS ANALYZED

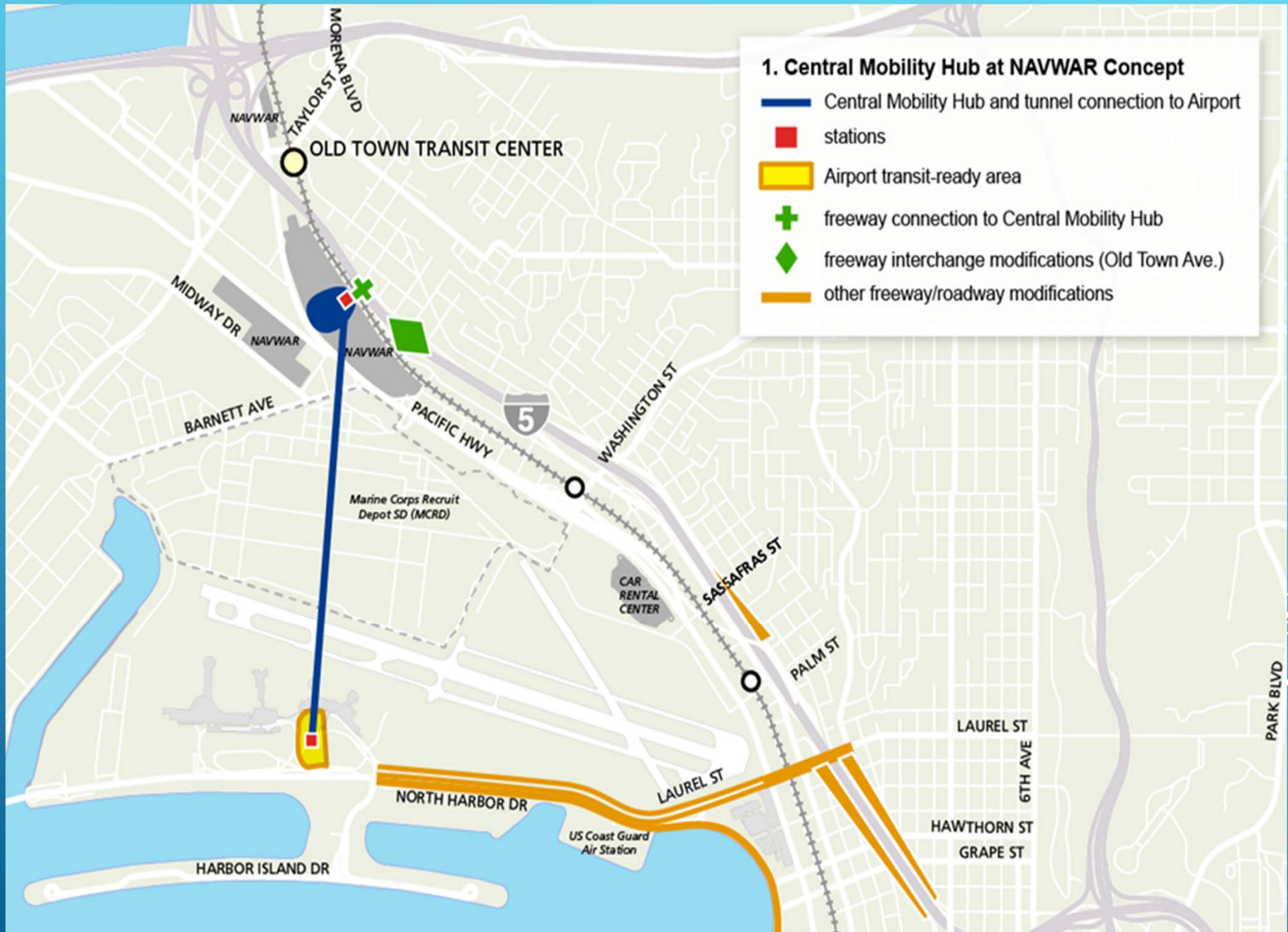


1. Central Mobility Hub at NAVWAR with high speed people mover in tunnel
2. Central Mobility Hub at NAVWAR with at-grade/elevated high speed people mover
3. Central Mobility Hub at ITC with at-grade/elevated people mover
4. Trolley connection from existing tracks

THE CONCEPTS

1. Central Mobility Hub at NAVWAR Concept

- Central Mobility Hub and tunnel connection to Airport
- stations
- Airport transit-ready area
- freeway connection to Central Mobility Hub
- freeway interchange modifications (Old Town Ave.)
- other freeway/roadway modifications



2. Central Mobility Hub at NAVWAR Concept

Central Mobility Hub and at-grade and elevated people mover to Airport

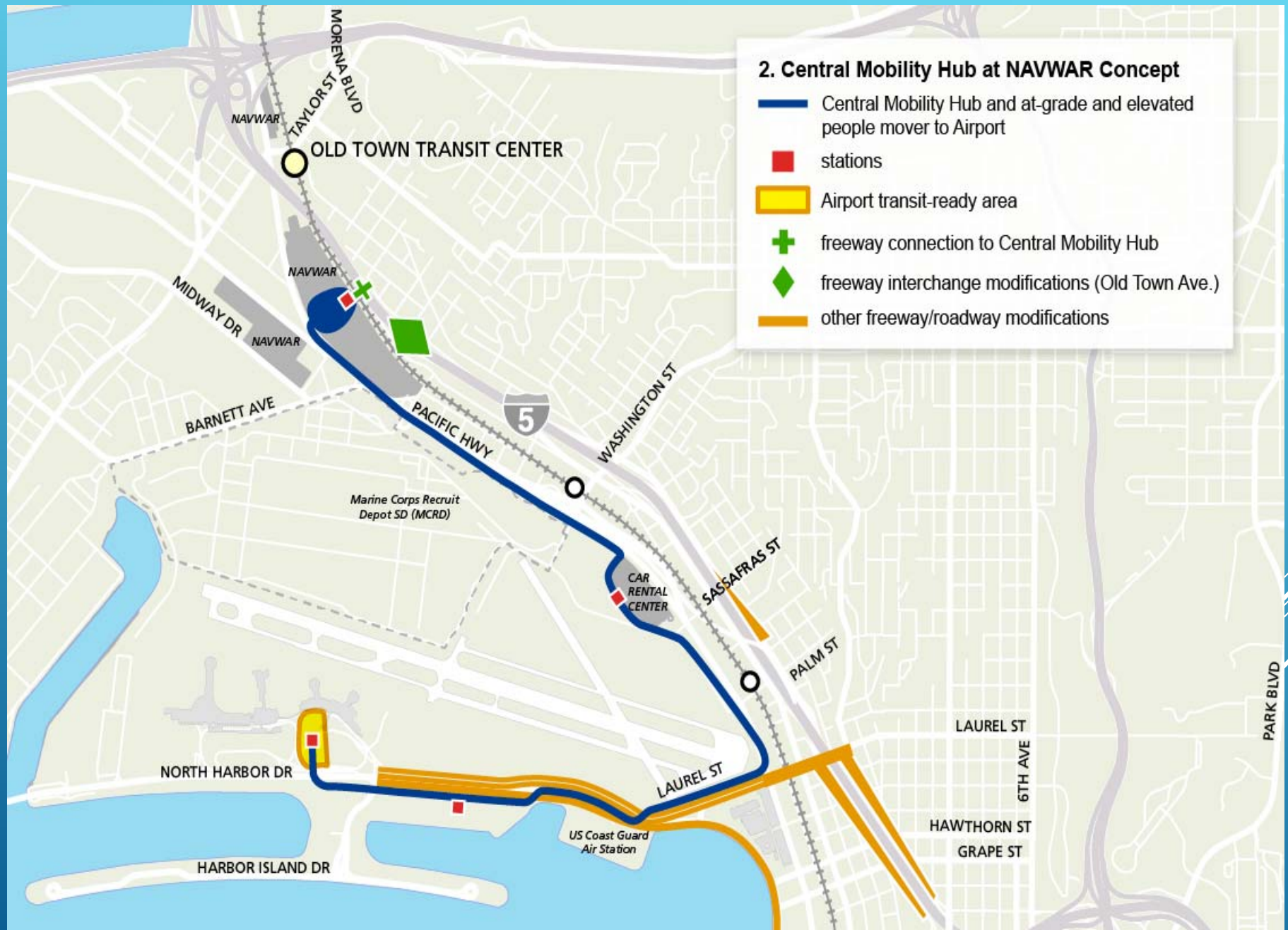
stations

Airport transit-ready area

freeway connection to Central Mobility Hub

freeway interchange modifications (Old Town Ave.)

other freeway/roadway modifications





4b. Trolley Concept

- New Trolley tracks (sub-grade tunnel)
- New Trolley tracks (at-grade and elevated)
- stations
- Airport transit-ready area
- freeway/roadway modifications



- ▶ September 25 Airport Subcommittee Recommendations
- ▶ September 27 SANDAG Board of Director Action
- ▶ More information at www.sandag.org

NEXT STEPS

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QUESTIONS

