### The Mid-Coast Trolley Extension

An 11-mile addition to the San Diego Trolley system, the Mid-Coast project will extend the Blue Line from Old Town up along Interstate 5 to the UC San Diego campus and beyond. The new service will create a one-seat ride from the international border through Downtown San Diego and on to University City, connecting the region's two largest job centers. Half the project will be paid for by the *TransNet* half-cent sales tax for transportation, with the other half of the funds coming from the Federal Transit Administration's New Starts program.

The extension – which will generate 21,000 new daily transit riders – will serve nine new stations, including three along the beach communities in the heart of San Diego, a station at the VA Medical Center, two aerial stations on the UC San Diego campus, and three more aerial stations in the busy commercial districts of north city. The line also will tap the coastal area into the larger regional trolley/ transit system, connecting hundreds of thousands of people with universities, hospitals, job centers, shopping, and recreational destinations.

The result of Mid-Coast providing connections between dense housing, job, and education centers will be 8,600 fewer daily auto trips, 137,000 fewer vehicle miles traveled per day, and 260 fewer metric tons of CO<sup>2</sup> being released into our atmosphere. The project also will create important opportunities for transit-oriented development.

### Driving Our Economy

The new trolley, which will serve the 325,000 employees working along its route, will produce more than 14,000 jobs during its construction. And after that impact runs its course, the service will continue to drive the region's economy by creatin synergies between major employment centers and pushing up the value of businesses by increasing access to jobs, saving time, cutting parking needs, and reducing congestion. It is estimated that the project will result in more than \$116 million in economic benefits a year.









About SANDAG: The San Diego region's 18 cities and county government are SANDAG, the San Diego Association of Governments. This public agency serves as the forum for regional decision-making. SANDAG builds consensus; makes strategic plans; obtains and allocates resources; plans, engineers, and builds publi transportation, and provides information on a broad range of topics pertinent to the region's quality of life.









401 B Street, San Diego, CA 92101 (619) 699-1900 sandag.org

## MID-COAST TROLLEY EXTENSION **CONSTRUCTION INFO**

FALL 2016





# **STEP BY STEP** BUILDING THE MID-COAST TROLLEY EXTENSION

## ENVIRONMENTAL PROTECTION

- Years of environmental review
- Clearance by SANDAG and federal government
  Minimize construction impacts on community
- Protect natural resources

- Control storm water runoff

STEP 2

## TRAFFIC AND SAFETY

- Worker and public safety number one priority
- Traffic management plans
- Coordination with other public and private projects

**2016** CONSTRUCTION BEGINS



**RELOCATE UTILITIES** Moving overhead and underground utilities out of the way to make room for trolley infrastructure



### **BUILD SUPPORTING INFRASTRUCTURE**

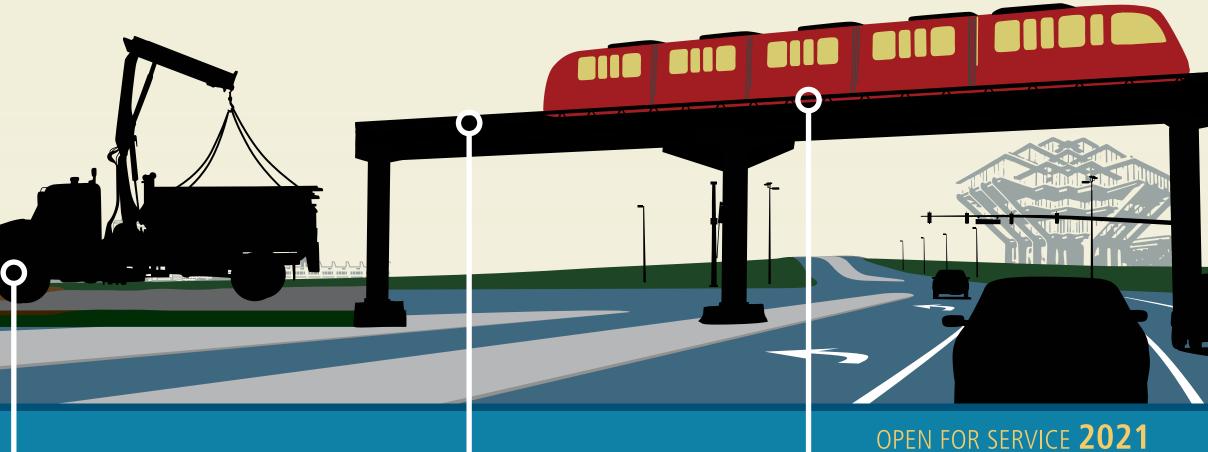
Clearing space to work, bringing in equipment and materials, building retaining walls and other improvements **CONSTRUCT STATIONS, BRIDGES, AND VIADUCT** Laying down the at-grade track bed, erecting the aerial structure, and building bridges and an underpass

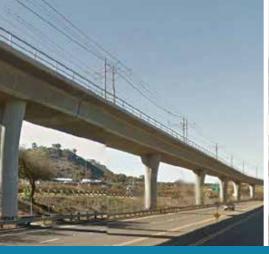
**STEP 3** 

- Designated areas for worker parking and construction materials/equipment
- Maintain emergency vehicle access

## PUBLIC INFORMATION AND ACCESS

- Constant flow of construction/traffic information • Access to businesses and residences maintained
- Coordination with other projects in the area
- Deliver a high quality project to the community on time and on budget





**INSTALL TRACK AND POWER** 

Creating the electrical system and overhead catenary lines that will power the trolley and laying down the rails

**STEP 5** 

**TESTING AND STARTUP** Bringing the operational systems, vehicles, and drivers up to speed and extensively testing the new service prior to opening

