I-5/GILMAN DRIVE BRIDGE

PROJECT LOCATION
New bridge crossing over Interstate 5 (I-5), north of La Jolla Village Drive bridge and south of Voigt Drive bridge. The proposed bridge would tie into existing campus roads on both sides of the freeway. On the west side, the bridge would connect with a realigned Gilman Drive. On the east side, the bridge would connect with Medical Center Drive which has been recently constructed to an ultimate configuration per campus plans.

PROJECT DESCRIPTION
UC San Diego in collaboration with the California Department of Transportation (CALTRANS) proposes to construct the bridge, which would be a cast-in-place structure, conforming to Caltrans bridge design requirements. No connections to I-5 are proposed. The project facilitates better circulation for vehicles, pedestrians and bicyclists between the East and West Campus, and would complete the campus’ loop road concept, allowing campus vehicular traffic to reach one side of the campus from the other without driving on busy city streets, in particular La Jolla Village Drive and Genesee Avenue. A new 4-way “t” intersection is proposed to be constructed at the north driveway access to the Veteran’s Administration Medical Center (VAMC). From the new intersection, Gilman Drive would be widened to the west to Villa La Jolla Drive, and extended to the north, following the existing alignment of Gilman Drive. To facilitate increased traffic volumes, the bridge and intersections on both sides of the bridge are proposed to have three-lane configurations consisting of one lane each way with a protected left-hand turn lane. The lane configuration of the bridge deck and the roadway would consist of 42 feet curb to curb to provide two 11-foot wide travel lanes, a ten-foot wide left turn pocket and two five-foot wide bike lanes. In addition, the bridge deck would provide for a ten-foot-wide pedestrian walkway along the northern side of the bridge and a six-foot-wide pedestrian walkway along the southern side of the bridge. Necessary utilities connections would be made with the bridge.

PROJECT PURPOSE
The project would: expand connectivity of the UC San Diego transportation system between Gilman Drive and Medical Center Drive South, providing a necessary and direct link for pedestrian, bicycle and vehicle traffic between the main campus and the medical research and teaching facilities located on the east campus. It would provide a secondary on campus connection between the west and east campus and provide utility connections to replace outdated existing utilities.

PROJECT COST
17.5 Million

FUND SOURCE
Design and Environmental - UC San Diego funding. Construction - to be determined.

CURRENT PHASE
Design

COMPLETION DATE
Spring 2017

ARCHITECT
Moffatt and Nichol Blaylock Engineers

Note: Capital projects develop over time, therefore the information on this project sheet is likely to change over time. For the latest information and data please contact Community Planning at commplan@ucsd.edu