Highway 101 Pedestrian and Bicycle Overcrossing at Adobe Creek

PROJECT INFORMATION

The Highway 101 Pedestrian/Bicycle Crossing Feasibility Study was unanimously accepted by Palo Alto City Council in November 2011. The study identifies an overcrossing across Highway 101 at Adobe Creek as the preferred option to provide year-round access. Preliminary cost estimates for the Adobe Creek overcrossing vary from $5M to $9M depending on design elements (See Figures 1 - 4). The City staff will return to Council in May to amend the agreement with the project designer to start preliminary design and environmental assessment of the overcrossing at Adobe Creek.

The goal of this project is to provide year-round access in south Palo Alto between the Bay Lands, business parks, and residential districts. Six-month seasonal access is provided by an underpass during fair weather conditions. An existing overcrossing at Oregon Expressway is approximately 1.4 miles north and inconvenient for users who live in south Palo Alto. The proposed bridge is the key element of the City’s Alternative Bay to Ridge Trail in the City’s Draft Bicycle & Pedestrian Transportation Plan.

The City realizes 43,000 current users at the seasonal crossing and we expect us to grow up to 74,000 users by 2030 upon completion of the project with the County’s assistance. The City is in the process of improving the bike network to the bridge site with proposed enhanced bikeway facilities on Fabian Way, the closure of bike lane gaps on Charleston Road and new bike route improvements on San Antonio Avenue.
Figure 1: Highway 101 Pedestrian and Bicycle Standard Overcrossing ($5M)

Adobe Creek Enhanced Overcrossing

Figure 2: Highway 101 Pedestrian and Bicycle Enhanced Overcrossing ($9M)
Figure 3: Highway 101 Pedestrian and Bicycle Standard Overcrossing Rendering

Figure 4: Highway 101 Pedestrian and Bicycle Standard Overcrossing Rendering – Alternate View