

OTHER AREAS OF EXPERTISE

parking • traffic engineering • transportation planning

STATEMENT OF QUALIFICATIONS

SUSTAINABILITY

Gibson Transportation Consulting staff members serve as the transportation engineers on LEED certification teams. We work with multi-disciplinary teams, comprised of developers, architects, landscape planners, land use attorneys, and civil engineers, to develop the site planning and design principles for projects seeking LEED certification. We apply planning principles to the transportation and land use-related aspects of project design. Our goal is to assist in developing green and sustainable developments that promote non-auto dependence, have pedestrian and transit-friendly designs, reduce greenhouse gas emissions, and support multi-modal transportation. Key projects include the NBC Universal Evolution Plan, Metro Universal transit-oriented development, and the Wilshire Grand Redevelopment Project.



Pedestrian-Oriented Infrastructure



Transit Incentives



Multi-Modal Transportation



Mixed-Use Development

TRANSPORTATION DESIGN

Gibson Transportation Consulting staff works closely with civil engineers and public agencies, including the California Department of Transportation and the Los Angeles Department of Transportation, to prepare conceptual and preliminary plans for freeway ramps, interchanges, roadways, and guide signs.



Freeway Interchange

Freeway Interchange & Ramps Design

Gibson Transportation Consulting staff assisted in the preparation of the Project Study Report (PSR) for the Universal Terrace Parkway interchange improvements at US 101. We evaluated four design alternatives for feasibility and effects on traffic operations.

Our staff is working on access improvements from the SR 14 to Disney's Golden Oak Ranch site.

Preliminary Freeway Ramps, Roadways & Intersection Designs

Gibson Transportation Consulting staff prepared preliminary designs for freeway ramp and intersection improvements for several projects in Southern California. The scope involved determining initial feasibility of the proposed improvements and effects on traffic operations. Key projects include the Village at Westfield Topanga, NBC Universal Evolution Plan, Metro Universal transit-oriented development, and the Wilshire Grand Redevelopment Project.

Our staff also assisted in the development and analysis of design alternatives for the approaches and checkpoints at several military installations on the island of Oahu, Hawaii, including Camp H. M. Smith, Marine Corps Base Hawaii, and Pearl Harbor Naval Station.



Freeway Guide Sign

Freeway Guide Signs

Gibson Transportation Consulting staff prepared layout and locational studies for guide signs to effectively direct freeway traffic toward key visitor venues. Key projects include Dodger Stadium, STAPLES Center, the University of Southern California's Galen Center, the proposed Oakland A's Stadium in Fremont, and Oaks Mall in Thousand Oaks.