



Shivang Patwa

Sr. Associate

EDUCATION:

Master of Architecture (2009), **University of California, Berkeley.**

Bachelor of Architecture (2002), **CEPT School of Architecture, Ahmedabad, India.**

DESIGN EXPERTISE:

- Research and development using technology to evaluate complex relationships and patterns.
- Create contextual knowledge base, with well thought out structures that are based on a larger conceptual underpinning, articulated during the design process.
- Optimize and customize solutions through parametric modeling and scripting to meet different requirements - performance, aesthetics, constructability and budget.
- Eye for detail - from conceptual design through construction documents.

REPRESENTATIVE PROJECTS:



Lake Merritt to Bay Trail Connector, Oakland, CA.

Project Manager. Design of a new bicycle and pedestrian bridge over Estuary channel, Union Pacific rail road and Embarcadero bridge. Project closes the gap between the existing pedestrian path around Lake Merritt and the Bay trail. Generated alignment alternatives, facilitated public process and prepared comprehensive design guidelines. We have completed the first public meeting and are in design development stage.



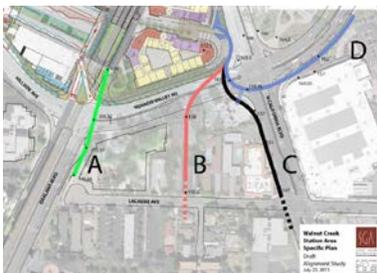
American Tobacco Trail Bicycle/Pedestrian Bridge over I-40, Durham, NC.

Team Member. Design of a new signature bicycle and pedestrian bridge over a freeway featuring a concrete stressed ribbon supported by a low-profile steel arch. Project also includes a multi-use trail with landscaped link to major shopping area. Facilitated public process and prepared comprehensive design guidelines. Completed architectural set for 100% PS&E, and structural engineering for fence and rail system.



Santa Rosa Bicycle/Pedestrian Bridge over US-101, Santa Rosa, CA.

Project Manager. Prime consultant for feasibility study and preliminary analysis of the planning and design context for a bridge connecting developing residential and commercial area with the campus of the Santa Rosa Junior College. Facilitated public process and prepared comprehensive design guidelines. Final alignment selection and structure type studies. Currently, PEAR is being prepared.



Ygnacio Valley Road Bicycle & Pedestrian Bridge, Walnut Creek, CA.

Project Manager. The scope was limited to a preliminary assessment of feasibility and cost/benefits of constructing a bridge connecting the Walnut Creek BART station across Ygnacio Valley Road. Four alignments alternatives and their relative merits were summarized. The chosen Alignment A was studied further due to shorter approaches and simpler plan geometry. Three structure types were evaluated: Concrete box / Steel truss / Tied arch.



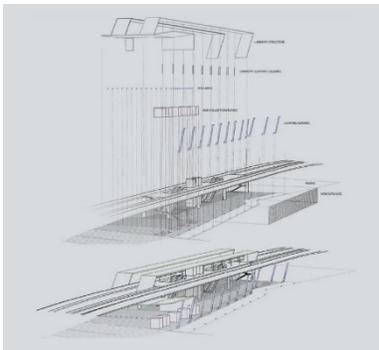
Powell Street Promenade, San Francisco, CA.

Project Manager. The Powell street promenade is an installation spanning two blocks of the busiest pedestrian thoroughfare in San Francisco. A 6' extension of the existing city sidewalk, the Promenade is made up of aluminum grating, out of which aluminum street furniture rises. The planters, benches, and standing tables offer refuge for passersby: an opportunity to sit, to drink coffee, to meet a friend before dinner, or to simply stand and people-watch while out of the way of the incessant flow of pedestrian traffic. Funded by Audi, the Powell Street Promenade attempts to mimic the contours and iconic aluminum framing of the Audi A7 car.



7th Street West Oakland Transit Village, Oakland, CA.

Project Manager. The project area for Seventh Street consists of three complementary districts composed in a framework of pedestrian/vehicular movement patterns. The three districts are: a historic district at the western terminus of Seventh St., a transit district between Henry St. and Mandela Parkway, and a mixed-use district from Mandela Parkway to the eastern project boundary at Union St. Adjacent to West Oakland BART, the proposed design creates a destination, while mediating adverse impacts of transportation infrastructure and building upon its rich historical context.



LAX Transit Corridor, Crenshaw, Los Angeles, CA.

Project Manager. The Crenshaw/LAX Transit Corridor aims to link LAX and the Exposition Metro lines via Inglewood, CA. The site and canopy designs for the seven stations on this new metro line call upon the history and neighborhood ecologies of the iconic Crenshaw district, known nationally as the locale of the Los Angeles riots spawning from the Rodney King Trial in 1992. Throughout the first phase of the project, Hood Design completed studies mapping the social and ecological tendencies of the neighborhood. These studies led the team to identify each station with an individual mantra, a driving force behind the station's canopy and site design.



MacArthur BART Plaza, Oakland, CA.

Project Manager. The scope was limited to the redesign of the existing plaza to accommodate a new bike storage facility, new seating, new bus-stop and a more safe and efficient circulation from various sides of the plaza. The existing sculptures have been repositioned to create a clear circulation pattern. Designated drop-off areas are reorganized. Well-lit pedestrian pathways and strategic signage have been added to promote public safety through environmental design.



Strawberry Creek on Center Street, Berkeley, CA.

Project Manager. Center Street in downtown Berkeley, CA, looks at the dynamic between the Berkeley city grid and Strawberry Creek, a stream that flows out of the once riparian Berkeley hills and through the University of California campus before disappearing underground at the edge of downtown. In many ways, Center Street is like an ordinary, busy American thoroughfare: at one end is Berkeley's Civic Center and Park; at the other, the University. But it is within the context of Strawberry Creek that the city and university are connected-and disconnected.