



2005 SEAOSD EXCELLENCE IN STRUCTURAL ENGINEERING AWARD WINNERS

Best Use of Conventional Technology in New Construction

- *Award Winner:* **Biogen New Idec Manufacturing Operations**
Structural Engineer: Hope Engineering *Location:* Oceanside, CA
Architect: McGraw/ Baldwin *Owner:* Biogen Idec, Inc.
Contractor: DPR Construction
- *Award Winner:* **UCSD Biomedical Research Building**
Structural Engineer: KPFF *Location:* La Jolla, CA
Architect: Zimmer Gunsul Frasca *Owner:* UCSD
Contractor: McCarthy
- *Certificate of Merit:* **La Jolla Riford Library Renovation & Jacobs Annex**
Structural Engineer: SDSE Engineers *Location:* La Jolla, CA
Architect: MDWF Architects *Owner:* City of San Diego
Contractor: Melhorn Construction



UCSD Biomedical Research Bldg: Tree columns supporting entry canopies.

Best Use of Conventional Technology in Retrofit/ Alteration

- *Award Winner:* **La Jolla Riford Library Renovation & Jacobs Annex**
Structural Engineer: SDSE Engineers *Location:* La Jolla, CA
Architect: MDWF Architects *Owner:* City of San Diego
Contractor: Melhorn Construction
- *Certificate of Merit:* **Kaiser Design-Build Parking Structure Addition**
Structural Engineer: Ficcamenti Waggoner *Location:* San Diego, CA
Architect: Choate Parking Consultants *Owner:* Kaiser Foundation
Contractor: Morley Construction



Biogen Idec New Manufacturing Operations: Exterior View

Landmark Structures

- *Award Winner:* **Mission Valley East Light Rail Transit Bridge**
Structural Engineer: Simon Wong/ T.Y. Lin International *Location:* San Diego, CA
Contractor: Modern Continental *Owner:* Metropolitan Development Board
Contractor: Balfour Beatty-Ortiz
- *Certificate of Merit:* **Black Mountain Reservoir**
Structural Engineer: Simon Wong *Location:* San Diego, CA
Architect: PBS&J (Inspection) *Owner:* City of San Diego
Contractor: Kiewit Pacific Co.



La Jolla Riford Library: Horizontal steel truss at glass atrium and balcony railing.

Special-Use Structures

- *Award Winner:* **El Rancho Road Missile Transport Bridge**
Structural Engineer: Simon Wong *Location:* Vandenberg AFB, CA
Contractor: FCI Constructors *Owner:* US Army Corps
Contractor: Straub Construction

SEAOSD congratulates the winners of the 2005 Excellence in Structural Engineering Awards. The winners were chosen for their accomplishments in structural engineering practices and their ability to serve as a model of excellence for others. Award Plaques will be presented to recipients at the June Dinner Meeting.



Mission Valley Bridge: At Mission Gorge Road.



Kaiser Parking Structure: Rooftop parking.