

Seminar

Engineering & Project Management Program, CEE

Mac Arthur Maze, Fire Collapse and Reconstruction



By:

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**Sibley Auditorium, Bechtel Engineering Center,
UC-Berkeley Campus**



Special to the Chronicle/Philip Liborio Gangi



Special to the Chronicle/Robert Campbell

The seminar focuses on the MacArthur Maze in Oakland, two spans of which collapsed on April 29, 2007 and will provide information on the following areas:

1. The initial design and construction of the Maze
2. Seismic damage during the 1989 earthquake and status of the seismic retrofit on April 29, 2007
3. Fire damage and collapse of the two spans during the April 29, 2007 fire
4. Field investigation of the collapse
5. Analysis of the collapse of the two spans due to the tanker truck fire (in collaboration with the LLNL)
6. How the repair and reconstruction was done?
7. Bridge engineering lessons learned from this fire collapse and reconstruction that can be applied to protect other bridges.

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The Seminar is free and open to the Public