

TCLEE 2009 CONFERENCE

7th International Conference on
Lifeline Earthquake Engineering

*Lifeline Earthquake Engineering
in a Multihazard Environment*

**JUNE 28—
JULY 1, 2009**

**Oakland Marriott
City Center Hotel
Oakland, California**



OFFICIAL PROGRAM

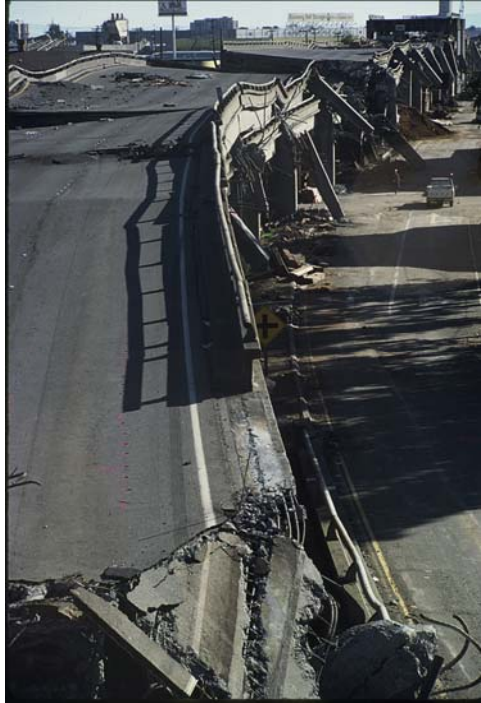


Presented by the Technical Council on
Lifeline Earthquake Engineering of the
American Society of Civil Engineers

ASCE

TECHNICAL
COUNCIL ON
LIFELINE
EARTHQUAKE
ENGINEERING **TCLEE**

EARTHQUAKE HAZARDS TO LIFELINES



MULTI-HAZARDS: FLOOD



MULTI-HAZARDS: EXTREME WIND



MULTI-HAZARDS: TSUNAMI



MULTI-HAZARDS: FIRE, EXPLOSION



POOR CONDITION OF OUR NATION'S LIFELINES

The image is a screenshot of the ASCE America's Infrastructure Report Card website. The top navigation bar includes the ASCE logo (American Society of Civil Engineers) and a search box. Below the navigation bar is a menu with links: HOME, REPORT CARDS, STATES, CATEGORIES, SOLUTIONS, TAKE ACTION, and NEWSROOM. The main content area features a large image of a person holding a sign that reads "America's Infrastructure Report Card 2009". To the right of this image is a pink box containing the "2009 Grades" table. At the bottom of the page, there is a row of small thumbnail images representing different infrastructure categories.

ASCE American Society of Civil Engineers

REPORT CARD for **america's INFRASTRUCTURE**

★ HOME ★ REPORT CARDS ★ STATES ★ CATEGORIES ★ SOLUTIONS ★ TAKE ACTION ★ NEWSROOM ★

2009 Grades

| | |
|-----------------------------------|---------------------|
| Aviation | D |
| Bridges | C |
| Dams | D |
| Drinking Water | D- |
| Energy | D+ |
| Hazardous Waste | D |
| Inland Waterways | D- |
| Levees | D- |
| Public Parks/Recreation | C- |
| Rail | C- |
| Roads | D- |
| Schools | D |
| Solid Waste | C+ |
| Transit | D |
| Wastewater | D- |
| America's Infrastructure | |
| GPA: | D |
| Estimated 5 Year Investment Need: | 2.2 Trillion |

OPPORTUNITIES

- **Increased Public Awareness of Lifeline Deficiencies**
- **Economic Stimulus Package**
- **Significant Opportunity to Upgrade our Nation's Lifeline Systems**
- **Including Measures for Reducing Risks from**
 - **Earthquakes**
 - **Other Natural Hazards**
 - **Man-made Hazards**



TCLEE 2009 GOALS

- **Assessment and Mitigation of Risks to Lifelines from**
 - **Earthquakes (Main Focus)**
 - **Other Natural Hazards and Man-Made Hazards**
- **Lifeline Risk Reduction Technologies from Each of These Hazards**
 - **Explore Differences and Commonalities**
 - **Promote Interaction and Dialogue across Hazards**

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