

Best Practices for Seismic Design and Retrofit of Bridges

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**Sixth National Seismic Conference on
Bridges and Highways**
Seismic Technologies for Extreme Loads

Workshop Agenda

- Seismic Lessons Learned
- **Demand**
 - Seismic Hazard & Response Spectrum
 - Seismic Analysis and Response
- **Capacity**
 - Force Based Design Fundamentals
 - Displacement Based Design Fundamentals
 - Seismic Detailing Fundamentals
- Geotechnical Considerations

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Specification / Manual Applicability

Topic Applicability		
Force	Displ.	Retro
✓	✓	✓

- Workshop lessons will include topics relevant to:
 - LRFD Specification → Force Based Design
 - LRFD Guide Specification → Displacement Based Design
 - Seismic Retrofitting Manual for Highway Structures

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Electronic copy of Workbook

- Color and gray scale pdf's of presentation material will be uploaded to FHWA ftp site by August 8
- **<ftp://fhwaftp.fhwa.dot.gov/ERC/>**
 - User name: ercguest
 - Password: ercguest
 - Look in 6NSC folder

On your own for Lunch (1 hr)

A. Swamp Fox Restaurant

387 King St, Charleston, SC - (843) 724-8888 -
0.1 mi E
2 reviews

C. Moe's Southwest Grill

381 King St, Charleston, SC - (843) 577-7727 -
0.1 mi SE
3 reviews

D. Subway Sandwiches & Salads

367 King St, Charleston, SC - (843) 577-5609 -
0.1 mi SE
1 review

G. Five Loaves Cafe

372 King St, Charleston, SC - (843) 805-7977 -
0.1 mi SE
3 reviews

J. Rising Roll Gourmet

145 Calhoun St, Charleston, SC - (843) 723-9092 -
0.1 mi E



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