

Department of Civil Engineering and Geological Sciences

# Challenges and Innovation in Civil and Environmental Engineering

## Building the Brooklyn Bridge

**Paul Giroux**

Senior Project Engineer  
Kiewit Pacific Co.

September 24, 2008

**5:00pm – 6:15pm**

126 DeBartolo Hall



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In 1958 at the 75<sup>th</sup> Anniversary of the Brooklyn Bridge, prominent bridge designer David Steinman said, “*Today there are bigger bridges - but they never could have been built had not Brooklyn Bridge shown the way. And its story is still the greatest bridge-building story of all.*” May 24, 2008 marked the 125<sup>th</sup> anniversary of the opening of the Brooklyn Bridge. This presentation shares the challenges of the bridge’s construction, and highlights many of the lessons of the master builders John, Washington, and Emily Roebling and the relevance of these lessons to modern bridge design and construction.

Paul Giroux served as Chair of the ASCE’s 125<sup>th</sup> Brooklyn Bridge Anniversary Committee and was the featured speaker for the three day event in New York. He has been with Kiewit Construction Co. for the past 29 years working on a wide variety of heavy civil engineering mega projects throughout the United States such as Baltimore’s Fort McHenry Tunnel, several hydroelectric projects, Boston’s Central Artery/Tunnel Project, and most recently the new San Francisco Oakland Bay Bridge Skyway Project.

*A reception and an opportunity to meet the speaker will take place after the seminar outside of Room 126 DeBartolo*