



Joseph (Joe) A. Cazares

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Joe Cazares, Vice President for CH2M HILL in Panama, is Deputy Program Manager for the \$5.25B Panama Canal Expansion Program and Construction Manager for the \$3.3B New Locks portion of the program. Mr. Cazares is a licensed engineer and he has over 30 years of experience in the design and construction of billion-dollar public facility and infrastructure programs.

His experience has included transportation, water-wastewater, and energy projects for both public and private organizations. He specializes in large-scale program management assignments involving complex schedule, contractual, funding, and project phasing elements. His experience includes both new construction and renovation projects involving design-build and other alternative delivery methods.

The Panama Canal Expansion Program, planned for completion in 2014, involves design and construction of two new locks facilities – one on the Atlantic and one on the Pacific – each with water saving basins, access channels for the new locks and improvements to the existing navigation channels.

Panama Canal Expansion-Challenges, Solutions and the PMI Process

The presentation will begin with a general overview of where the canal expansion is to date [July 2011]; the physical aspect of the project – excavation, concrete structures, industrial plants and other aspects of the on-going construction of the Third Set of Locks.

Next will be the development of the contract; followed by the internal processes and procedures utilized by the Program Management Team [Canal de Panama and CH2M HILL] in documenting and monitoring the progress of the works.

Finally, the last segment will focus on a few of the challenges and their resolutions or pending resolutions. Interspersed throughout the presentation will be examples of the PMI process at work; and where the PMI processes were either not applicable or not robust for the task at hand.