Uniqueness and/or Innovative Applications of New or Existing Techniques
• Designed to blend with the well-loved natural environment of Garden of the Gods Park
• Trenchless construction methods preserved some vegetation and natural topography
• Soil covered roller compacted concrete provides robust spillway protection while blending in

Value to Engineering and Enhanced Public Awareness/Enthusiasm
• A high level of public participation during project planning got the public involved in the engineering problems to be solved and development of solutions, this enhanced public awareness and enthusiasm for the project and engineering

Social, Economic and Sustainable Development Considerations
• Reduced flood risks improving public safety and mitigating future property damage
• Will eliminate expensive flood insurance requirements for about 100 residential properties
• Restored two popular trails
• Native plants were harvested, nurtured and replanted after construction to sustain site specific species

Complexity
• Providing adequate storage volumes, meeting the state’s requirements for a jurisdictional dam while designing to blend into the natural environment was challenging but was accomplished, the project has been accepted by the State and feedback from the public has been very positive
• Pre-construction artifact discovery led to a required archaeological dig, delaying construction but providing new information about the City’s founder, and his family in the early days of Colorado Springs

Successful Fulfillment of Client/Owner Needs
• Shared ownership with the client; maintaining a highly collaborative environment with agencies, public, and contractor; and careful attention to engineering details; led to fulfillment of the City’s and Public’s goals, including reduced downstream flooding risk and minimized impacts to the Park

Garden of the Gods Detention Pond | Colorado Springs, CO
Client/Owner: City of Colorado Springs | Colorado Springs, CO
Entering Firm: Wilson & Company | Colorado Springs, CO