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**FOR IMMEDIATE RELEASE**

**GEOTECHNOLOGY WINS AWARD FOR WORK ON AMERISTAR  
CASINO ST. CHARLES PROJECT**

*Company Honored by ACEC-Missouri for Innovative Ground Improvement*

**ST. LOUIS, MO (February 19, 2007)**--Geotechnology, Inc., a leading provider of consulting services in geotechnical and environmental engineering, materials testing and drilling, won a Grand Award from the American Council of Engineering Companies-Missouri for its innovative geotechnical engineering solutions for Ameristar Casino St. Charles' 25-story hotel and 9-story garage. Geotechnology helped make the construction of these two new buildings possible through a ground improvement package that utilized methods used in the region for the first time. The firm received the award during a ceremony held for ACEC-Missouri's 2007 Engineering Excellence Awards in Chesterfield, Missouri on February 10<sup>th</sup>, 2007.

The design challenge for this project was to provide a seismically safe, economical foundation system for the hotel and garage. In the event of an earthquake, post-liquefaction settlement was calculated to be approximately 14 inches. The project posed additional constraints, including wetlands protection, construction adjacent to the existing facility, flood protection and river bank stability. Geotechnology and the project team (Ameristar, PGAV, Walter P. Moore

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& Associates, EDM, Walton Construction and Hayward Baker Geotechnical Construction) evaluated foundation options and construction methods to overcome these challenges and chose the ground improvement package of vibro-compaction, compaction grouting and micropiles to be the most optimum course of action.

“We are proud to be recognized for the cutting-edge solutions that our team utilized for the casino hotel and garage. We provided a solution that addressed all the site challenges, and we hope that we exceeded Ameristar’s expectations,” said Frank Callanan, team leader of development projects at Geotechnology.

The ground improvement made the soils dense enough to support the high-rise hotel on a mat foundation and the parking garage on shallow foundations, as opposed to deep foundation alternatives, which created significant cost savings and allowed the project to remain on schedule.

Geotechnology, Inc., is an employee-owned, professional corporation offering a comprehensive range of consulting services in applied earth and environmental sciences, including geotechnical and environmental engineering, materials testing, geophysics and drilling. Geotechnology has provided expertise on nearly every major construction project in the region, including the new Busch Stadium, Lambert Airport expansion and Ameristar Casino St. Charles. Geotechnology, Inc. is based in St. Louis, Missouri and has offices in Collinsville, Illinois and Overland Park, Kansas. Geotechnology has 120 employees and recorded \$13.4 million in sales in 2006.

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