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# VF-300 Border Patrol Vehicle Barrier Yuma Sector, Arizona

## **Project Description**

Pro Geotech, Inc. performed a subsurface investigation for foundation design for two sections (CV-1A and CV-1B) of Border Vehicle Barrier along the international border between the United States of America and Mexico in Yuma Sector, Arizona. Post and Rail (Type 1) Vehicle Barrier were proposed for construction. In order to design the foundations for the Post and Rail Barrier, Pro Geotech advanced a total of 54 test borings to depths ranging from 0.5 feet to 18.5 feet. The total length of Border Vehicle Barrier for both project sections measured approximately 13.3 miles. Pro Geotech performed both classification testing and engineering property testing to determine the parameters of the loose sandy and silty soils encountered across the site. PGI provided foundation recommendations for the vehicle barriers and pavement along the entire length of the project.

### **Client:**

Prime Engineering and  
Architecture, Inc.  
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### **Contact:**

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### **Performance Period:**

May 2008 to July 2008

### **Project Costs:**

\$175,000

### **PGI's Role:**

Geotechnical Exploration

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