

*APPENDIX I.
LIST OF PROVIDED
GEOTECHNICAL REPORTS*

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LIST OF PROVIDED GEOTECHNICAL REPORTS

The following geotechnical reports prepared by other investigators as part of previous studies at the Oakland International Airport (Airport or OAK) were provided by the Port of Oakland and used in preparation of the Geology and Soils section of the Draft Environmental Impact Report (EIR):

- *Soil and Groundwater Contamination Assessment for Phase 2 East Apron Reconstruction at Oakland International Airport.*¹ This study included review of existing data, geologic mapping, subsurface investigation (hollow-stem auger soil borings), and environmental assessment of the subsurface soils and groundwater. The study area included a portion of the Airport terminal area.
- *Geotechnical Study for Phase 2 East Apron Reconstruction at Oakland International Airport.*² This study included review of existing data, geologic mapping, subsurface investigation (hollow-stem auger soil borings), and evaluation of geotechnical seismic hazards. The study area included a portion of the Airport terminal area.
- *Supplemental Geotechnical Study for Phase 2 East Apron Reconstruction at Oakland International Airport.*³ This supplemental study provided geotechnical recommendations for design of pile foundations for Terminals 1 and 2. The study area included a portion of the Airport terminal area.
- *Preliminary Geotechnical Data Report for Earhart Road Improvement Project at Oakland Airport, North Field.*⁴ This study included review of existing data as well as a subsurface investigation (continuous solid and hollow-stem auger soil borings). The study area included the northeastern area of the Proposed Project study area along Earhart Road between Grumman Street and East 98th Avenue in Oakland.
- *Geotechnical Letter on Field Exploration and Laboratory Testing Results for Terminal Expansion Program at Metropolitan Oakland International Airport.*⁵ This study included subsurface investigation (Cone Penetration Test [CPT] soundings and rotary wash soil borings). The study area included a portion of the Airport terminal area.
- *Draft Geotechnical Report on New Terminal Building at Oakland International Airport.*⁶ This study included review of existing data and subsurface investigation

¹ AGS, Inc. 2005a. Soil and Groundwater Contamination Assessment, Phase 2 East Apron Reconstruction, Oakland International Airport. Prepared for DMJM Harris. May.

² AGS, Inc. 2005b. Geotechnical Study, Phase 2 East Apron Reconstruction, Oakland International Airport. Prepared for DMJM Harris. May.

³ AGS, Inc. 2005c. Supplemental Geotechnical Study, Phase 2 East Apron Reconstruction, Oakland International Airport. Prepared for DMJM Harris. December 15.

⁴ Geomatrix Consultants, Inc. 1994. Preliminary Geotechnical Data Report, Earhart Road Improvement Project, Oakland Airport, North Field. Prepared for Oakland International. June 9.

⁵ Geomatrix Consultants, Inc. 2001. Field Exploration and Laboratory Testing Results, Terminal Expansion Program, Metropolitan Oakland International Airport. Prepared for Master Architect Joint Venture. August 3.

⁶ Geomatrix Consultants, Inc. 2002. Draft Geotechnical Report, Oakland International Airport, New Terminal Building. Prepared for Master Architect Joint Venture. May.

(rotary wash soil borings). The study area included a portion of the Airport terminal area.

- *Final Geotechnical Report on Terminal 2 Concourse Extension, Terminal 2 Addition, and Terminal 2 Mechanical Building at Oakland International Airport.*⁷ This study included review of existing data, geologic mapping, and subsurface investigation (CPT soundings and rotary wash soil borings), in addition to evaluation of geotechnical seismic hazards and corresponding mitigation measures. The study area included a portion of the Airport terminal area.
- *Engineering Report for Construction of Asphalt Concrete Overlay of Apron at West Side T-Hangars at North Field of Oakland International Airport.*⁸ This study included review of existing data and subsurface investigation (CPT soundings and pavement corings). The study area included the northwestern area of the Airport's North Field.
- *Geotechnical Report for Construction of Asphalt Concrete Overlay of Taxiway B between Taxiway T and Taxiway R (North) at South Field of Oakland International Airport.*⁹ This study included review of existing data and subsurface investigation (CPT soundings and pavement corings). The study area included the northwestern area of the Airport terminal area.
- *Final Report on Geotechnical Engineering Services for Terminal One Renovation at Oakland International Airport.*¹⁰ This study included review of existing data, geologic mapping, subsurface investigation (CPTs), and evaluation of geotechnical seismic hazards. The study area included a portion of the Airport terminal area.
- *Report of Geotechnical Engineering Services for New Central Utility Plant at Oakland International Airport.*¹¹ This study included review of existing data, geologic mapping, subsurface investigation (rotary wash soil borings), and evaluation of geotechnical seismic hazards including site-specific site response analysis. The study area included a portion of the Airport Terminal area.

⁷ Geomatrix Consultants, Inc., 2003. Final Geotechnical Report, Oakland International Airport Terminal 2 Concourse Extension, Terminal 2 Addition, and Terminal 2 Mechanical Building. Prepared for Master Architect Joint Venture. April.

⁸ Geolabs, Inc. 2007. Engineering Report for Construction of Asphalt Concrete Overlay of Apron at West Side T-Hangars, North Field, Oakland International Airport. Prepared for Port of Oakland. June 5.

⁹ Geolabs, Inc., 2008. Construction of Asphalt Concrete Overlay of Taxiway B between Taxiway T and Taxiway R (North), South Field, Oakland International Airport. Prepared for Port of Oakland. April 14.

¹⁰ Geolabs, Inc. 2009a. Final Report, Geotechnical Engineering Services for Terminal One Renovation, Oakland International Airport. Prepared for Port of Oakland. May 5.

¹¹ Geolabs, Inc. 2009b. Report of Geotechnical Engineering Services, New Central Utility Plant, Oakland International Airport. Prepared for Port of Oakland and Michael Willis Architects. November 9.