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Table 4.5-2 Regional Growth Projections.

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The Centre City Statistical Area Population Current in 1987 was 12,132 people.

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Table 4.5-4. Alternative A. Employment Levels 10,821.

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4.6.1 Geology and Seismicity. The following discussion summarizes a geotechnical investigation conducted for the project site by Hirsch and Company in February 1988.

The average fill depth is about 10 feet north of F Street.

Bay Deposits underlie the fill soils. The average depth of bay deposits is approximately 8 feet north of F Street and 16 feet south of F Street. The bay deposits south of F Street generally thicken toward the west.

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Bay Point Formation. The depth of dense to very dense portions of the deposits varies across the site and appears to range from approximately 15 to 40 feet below the existing ground surface.

In downtown San Diego, fault traces within the Rose Canyon Fault zone have been difficult to locate due to development dating back many decades which may obscure or obliterate surface geologic expression of faults.

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The precise location of the Rose Canyon Fault and its associated branches is not known. Thus, it is unknown if there is any faulting within the boundaries of the project site. If the fault does bisect the project or alternative site, seismic activity could cause surface rupture and substantial damage to structures, which would be a significant impact to all of the alternatives.

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Groundwater was encountered at depth ranging from approximately 7.5 to 11 feet below the project site (approximately 0.5 to 2.5 feet above mean sea level). The proximity of the site to the San Diego Bay causes groundwater level variations due to tidal fluctuations.