

4.10 Revised Table 4.10, Summary of Effects by Alternative

The rows in Table 4.10 summarizing the effects of the No Build and Build Alternatives related to air quality and climate change were revised to reflect the changes made in Section 4.4, III, Air Quality; and VII, Greenhouse Gas Emissions; and Section 4.5, Climate Change, described earlier in this RDEIR. Those changes are shown in Revised Table 4.10.

Revised Table 4.10 Summary of Effects by Alternative

	No Build Alternative 1A	No Build Alternative 1B	Alternative 4 Modified	Alternative 5 Modified	Alternative 9 Modified
Air Quality	No impact	No impact	Short-term air pollutant emissions a result of construction activities would include fugitive dust from grading/site preparation, equipment exhaust, and use of emulsified asphalt paving materials, which would exceed the SCAQMD significance thresholds. When the project trips are added to the 2020 and 2040 No Build conditions, respectively, the regional emissions increase for all the criteria pollutants and the changes in CO, reactive organic gases (ROGs), and NO _x emissions would exceed the SCAQMD's significance thresholds.		
Climate Change	No impact	Less impact than the MCP Build Alternatives	The MCP project would result in a small increase (less than 1 percent) in carbon dioxide (CO ₂) emissions in the region in 2020 and 2040 when compared to the 2020 and 2040 no build conditions. It is estimated that the MCP project would contribute up to 1,557,347 metric tons of CO ₂ to the project area between 2020 and 2040 with the majority (98 to 99 percent) of these emissions generated by on-road vehicles.		

MCP = Mid County Parkway

ATTACHMENT A

**UPDATED MID COUNTY PARKWAY PROJECT AIR QUALITY,
HEALTH RISK, AND GREENHOUSE GAS ANALYSIS
TECHNICAL MEMORANDUM
(JANUARY 17, 2014)**

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