

All Build Alternatives. The dual pipelines branching south from Gilman Springs Road intersect all build alternatives. Therefore, implementation of any of the build alternatives could result in impacts to natural gas services. While relocation of natural gas pipeline and short-term service interruptions may result from implementation of the selected alternative, these are not considered impacts that would affect the route selection decision.

4.5.3.3 Sewer

No Build Alternative. This alternative would not result in an impact to sewer facilities and services.

Alternatives 1a, 1b, 4a, 4c, 4d, 5a, 5b, 5c, 5d, 5e, H1, and H3. The bandwidths for these alternatives do not encounter major sewer facilities. Therefore, implementation of these alternatives is not anticipated to result in impacts to sewer facilities.

Alternatives 6a and 6b. Depending upon ultimate right-of-way, implementation of alternatives 6a or 6b could result in relocation of the EMWD sewer main located on Newport Avenue. Relocation of this main would potentially result in interruption of sewer services.

4.5.3.4 Water

No Build Alternative. This alternative would not result in an impact to water facilities and services.

Alternatives 1a, 1b, 4a, 4c, 4d, H1, and H3. Several MWD and local water agency facilities are located along, or intersect, these alternatives. Of particular concern is the potential effect on the Lake Mathews Dam, which is just south of the bandwidths for Alternatives 1a, 1b, H1, and H3. Coordination between the County, RCTC, and the MWD regarding compatibility of a CETAP Corridor with the Lake Mathews Dam is ongoing. Depending upon ultimate right-of-way of the selected alternative, implementation of these alternatives could directly impact water facilities and services. This potential effect will be evaluated for the selected alternative in future Tier 2 studies, and appropriate utility relocation mitigation will be developed at that time.

Alternatives 5a, 5b, 5c, 5d, 5e, 6a, 6b. No major water facilities are located in the bandwidths for these alternatives. Therefore, impacts to water services are not anticipated with the implementation of these alternatives.

For all Build Alternatives, there is a potential for active or abandoned water wells to be present within the right-of-way preservation area.