
APPENDIX E – ENERGY USE DATA

**Proposed Project
Total Construction
Fuel Usage**

Project Action	CO2e (Metric tons)	Total Gallons of Fuel Consumed
Construction		
Clay Street Hangtown Creek Bridge Replacement/Clay Street Realignment	581	56,135

Total Project Construction **56,135**

Notes:

Primary fuel consumption assumed to be heavy equipment using diesel #2

Calculated as follows: (total metric tons CO2) ÷ 10.35 CO2/gallon) x 1,000 kg/metric ton

Sources:

Carbon Dioxide Equivalent Emissions from Road Construction Emissions Model V.8.1.0 (see Appendix B this Draft EIR)

Default emission factor 10.35 kg CO2/gallon from Climate Registry 2017 Table 12.1