

CMAQ Cost-Effectiveness Documentation for the TCAG 2019 FTIP

| <u>Year</u> | <u>Estimated CMAQ Apportionments</u> | <u>20 Percent Minimum</u> |
|--------------|--------------------------------------|---------------------------|
| FY 2018-2019 | \$ 6,030,787.00 | \$ 1,206,157.40 |
| FY 2019-2020 | \$ 6,166,806.00 | \$ 1,233,361.20 |
| FY 2020-2021 | \$ 6,134,471.00 | \$ 1,226,894.20 |
| FY 2021-2022 | \$ 6,132,230.00 | \$ 1,226,446.00 |
| Totals | \$ 24,464,294.00 | \$ 4,892,858.80 |

| Year | FTIP ID | Agency | Project Description | CMAQ Funding Amount | Estimated Cost-Effectiveness⁽¹⁾ |
|-------------|----------------|---------------|-------------------------------------|----------------------------|---|
| 2019 | TUL16-205 | Tulare County | Purchase 2 CNG Buses | 929000 | 21.00 |
| 2019 | TUL16-205 | Visalia | Purchase 1 Electric Bus and Charger | 876000 | 26.97 |
| 2021 | TUL20-001 | Dinuba | Roundabout at Alta & Kamm | 1800000 | 43.25 |
| 2021 | TUL16-205 | Porterville | Purchase 3 Electric Buses | 1255000 | 23.89 |
| 2022 | TUL17-001 | Dinuba | Roundabout at Alta & Nebraska | 1015000 | 30.68 |
| 2022 | TUL19-200 | Visalia | Purchase 4 Electric Buses | 1316000 | 28.68 |
| 2022 | TUL16-008 | Visalia | Purchase 3 Electric Buses | 938000 | 28.68 |

Total CMAQ Funding Amount \$ 8,129,000.00

CMAQ Cost-Effectiveness Goal \$ 4,892,858.80

CMAQ Cost-Effectiveness Goal Met? YES

Percent of CMAQ Funds Awarded to Cost-Effective Projects 33%

(1) Cost-effectiveness for each project identified as meeting the cost effectiveness threshold must be below \$45 per pound, or \$90,000 per ton.