

2017-2018 CMAQ/STBG Funding Program

Evaluation Methodology for 2017-2018 CMAQ/STBG Funding Program: Strategic Partnerships Round 3/Intersection Improvements/MTP Policy Bundle TDCs

Draft Recommendations: Intersection Projects

| Safety (# of crashes from 2013-2017) | Air Quality Benefits (Nox reduction in lbs/day) | Cost Effectiveness (Cost/lb of Nox reduced over project life) | Traffic Volumes | Level of Service |
|--------------------------------------|---|---|----------------------|------------------|
| ≥45 = 15 | >2 lbs/day = 15 | ≤\$999 = 20 | ≥40,000 = 25 | F = 25 |
| 21 - 44 = 10 | 1.01 - 2 lbs/day = 10 | \$1,000 - \$4,999 = 15 | 30,000 - 39,999 = 20 | DE = 20 |
| 1 - 20 = 5 | 0.01 - 1.0 lbs/day = 5 | ≥\$5,000 = 10 | 20,000 - 29,999 = 15 | ABC = 15 |
| | | | 10,000 - 19,999 = 10 | |
| | | | ≤9,999 = 5 | |

Notes:

Projects may receive a maximum possible score of 100.

NOx = Nitrogen Oxides

Source of crash data: Texas Department of Transportation