

DRCOG Traffic Operations Program - Projects Completed in 2011

| Project | Limits | Number of Signals | Jurisdictions | Project Type | Daily Benefits | | | | User Savings | |
|---------|--------------------------------------|---|---------------|--|------------------------------------|----------------------------------|-------------------------------------|--|--------------|----------|
| | | | | | Travel Time Reduction (Hrs) | Fuel Consumption Reduction (Gal) | Pollutant Emissions Reduction (lbs) | Greenhouse Gas Emissions Reduction (lbs) | | |
| T11-1 | Hampden Avenue/Havana Street | Colorado Boulevard to Parker Road | 27 | Denver, Aurora | Signal Timing, Capital Improvement | 1,146 | 594 | 143 | 12,334 | \$24,900 |
| T11-2a | 72nd Avenue | Indiana Street to Lamar Street | 17 | Arvada, CDOT | Signal Timing, Capital Improvement | 388 | 205 | 54 | 4,234 | \$8,450 |
| T11-2b | Ward Road | 44th Avenue to 64th Avenue | 8 | CDOT, Wheat Ridge | Signal Timing | 373 | 175 | 38 | 3,666 | \$8,100 |
| T11-2c | 64th Avenue | Quaker Street to Yank Way | 9 | Arvada, CDOT | Signal Timing | 99 | 46 | 14 | 962 | \$2,150 |
| T11-3a | North Sheridan Boulevard | Sheridan Boulevard: 120th Avenue to 72nd Avenue;88th Avenue: Lamar Drive to Sheridan Avenue | 28 | Westminster, CDOT | Signal Timing | 1,021 | 513 | 135 | 10,635 | \$22,150 |
| T11-3b | 92nd Avenue | Pierce Street to Lowell Blvd | 9 | Westminster | Signal Timing | 198 | 91 | 22 | 1,861 | \$4,300 |
| T11-3c | Sheridan Boulevard | 52nd Avenue to 72nd Avenue | 11 | CDOT, Westminster | Signal Timing, Capital Improvement | 395 | 209 | 54 | 4,350 | \$8,600 |
| T11-4 | Colorado Boulevard | 88th Avenue to 136th Avenue | 21 | Thornton | Signal Timing | 250 | 121 | 30 | 2,518 | \$5,450 |
| T11-5a | Broadway (Boulder) | University Avenue to Greenbriar Boulevard | 23 | Boulder | Signal Timing, Capital Improvement | 322 | 179 | 46 | 3,680 | \$7,000 |
| T11-5b | Baseline Road (Boulder) | 17th Street to 30th Street | 7 | Boulder | Signal Timing, Capital Improvement | 99 | 69 | 18 | 1,412 | \$2,200 |
| T11-6 | Colfax Avenue | Welch Street to Kendall Street | 15 | Boulder | Signal Timing, Capital Improvement | 478 | 250 | 63 | 5,206 | \$10,400 |
| T11-7 | Easter Avenue/Broncos Parkway | Havana Street to Jordan Road | 12 | Centennial, Arapahoe County, CDOT | Signal Timing, Capital Improvement | 170 | 88 | 24 | 1,820 | \$3,700 |
| T11-8 | Colorado Boulevard | Alameda Avenue to 48th Avenue | 25 | Denver | Signal Timing | 614 | 324 | 89 | 6,688 | \$13,300 |
| T11-9 | Vasquez Boulevard | 56th Avenue to 77th Avenue | 9 | CDOT, Commerce City | Signal Timing | 323 | 159 | 39 | 3,308 | \$7,050 |
| T11-10a | 104th Avenue | Federal Boulevard to Colorado Boulevard | 21 | Northglenn, Thornton, Westminster, Federal Heights, CDOT | Signal Timing | 139 | 65 | 16 | 1,364 | \$3,000 |
| T11-10b | Washington Street | 102nd Avenue to 120th Avenue | 10 | Northglenn, Thornton | Signal Timing | 388 | 200 | 52 | 4,149 | \$8,450 |

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|---------------------|---------------------------------------|-------------------------------|---------------|--------------|------------------------------------|----------------------------------|-------------------------------------|--|---------------------|---------|
| | | | | | | | Pollutant Emissions Reduction (lbs) | Greenhouse Gas Emissions Reduction (lbs) | | |
| T11-11 | 88th Avenue | Huron Street to Dahlia Street | 13 | Thornton | Signal Timing | 373 | 184 | 47 | 3,775 | \$8,050 |
| T11-12 | Central Colfax Avenue | Sheridan Boulevard to I-25 | 11 | Denver | Signal Timing, Capital Improvement | 215 | 162 | 38 | 3,333 | \$5,100 |
| Annual Total | | 276 | | | 1,700,000 | 900,000 | 120 | 9,400 | \$38,100,000 | |
| | | | | | | Hrs | Gal | Tons | Tons | |

Fuel @ \$2.71/Gal., Time Value @ \$20.34/Hr.
 * Click on the project name above to access the Signal Timing Brief