

DRCOG Traffic Operations Program - Projects Completed in 2017

Project	Limits	Number of Signals	Jurisdictions	Project Type	Daily Benefits					
					Travel Time Reduction (Hrs)	Fuel Consumption Reduction (Gal)	Pollutant Emissions Reduction (lbs)	Greenhouse Gas Emissions Reduction (lbs)	User Savings	
T17-1a	County Line Road	Holly Street to Inverness Parkway & S Valley Highway	19	Douglas County, Lone Tree, Centennial, CDOT	Signal Timing	1,300	1,000	210	18,700	\$30,000
T17-1b	Lincoln Avenue	Quebec Street to Village Center Drive	28	Douglas County, Lone Tree, Parker	Signal Timing	1,100	800	180	15,400	\$26,000
T17-1c	Quebec Street	Otero Avenue/Mineral Drive to University Boulevard	12	Douglas County, Centennial	Signal Timing	500	400	80	7,500	\$12,000
T17-2	Alameda Avenue	Colorado Boulevard to Havana Street	14	Denver, Aurora	Signal Timing	900	700	150	14,200	\$22,500
T17-3	MLK Jr Boulevard / 31st Ave	Downing Street to Quebec Street	28	Denver	Signal Timing	300	200	50	4,300	\$7,000
T17-4a	Santa Fe Dr	Dartmouth Ave to Highlands Ranch Pkwy	22	Littleton, CDOT, Englewood	Signal Timing	1,610	1,131	254	21,795	\$38,050
T17-4b	Bowles Ave	Grant Ranch Blvd to Santa Fe Dr	9	Littleton, Jefferson County	Signal Timing	289	219	50	4,210	\$6,800
Annual Total			132			1,500,000	1,100,000	120	10,800	\$35,600,000
						Hrs	Gal	Tons	Tons	

Fuel @ \$2.36/Gal., Time Value @ \$22.11/Hr.
 * Click on the project name above to access the Signal Timing Brief