

DRCOG Traffic Operations Program - Projects Completed in 2013

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)	
T13-1	Alameda Avenue	Sheridan Boulevard to Marion Parkway	29	Denver	Signal Timing, Capital Improvement	671	406	99	8,451	\$15,850
T13-2	University Boulevard	Alameda Avenue to Hampden Avenue	19	Denver, Englewood, CDOT	Signal Timing, Capital Improvement	643	401	88	8,287	\$15,150
T13-3	Arapahoe Road	University Boulevard to Waco Street	29	CDOT, Centennial, Greenwood Village, Aurora, Arapahoe County	Signal Timing, Capital Improvement	1,056	547	132	11,352	\$24,550
T13-4	US-85	Bromley Lane to 104th Avenue	10	CDOT, Brighton	Signal Timing, Capital Improvement	290	130	30	2,710	\$6,550
T13-5a	120th Avenue	Nickel Street to Holly Street	30	CDOT, Thornton, Northglenn	Signal Timing, Capital Improvement	1,097	590	151	12,201	\$25,600
T13-5b	Huron Street	128th Avenue to 104th Avenue	12	Westminster, Northglenn, CDOT	Signal Timing	502	266	67	5,541	\$11,750
T13-5c	Sheridan Boulevard	Aspen Creek Drive to 118th Avenue	9	Broomfield, CDOT, Westminster	Signal Timing	309	157	35	3,267	\$7,200
T13-6	84th Avenue/Huron Street	84th Avenue: Huron Street to Washington Street; Huron Street: 84th Avenue to Conifer Road	18	Thornton	Signal Timing, Capital Improvement	240	75	18	1,542	\$5,400
T13-7	Wadsworth Boulevard	64th Avenue to 108th Avenue	34	CDOT, Westminster, Arvada	Signal Timing, Capital Improvement	532	250	63	5,214	\$12,300
T13-8	Parker Road	Chambers Road to Cottonwood Drive	12	CDOT, Aurora, Arapahoe County, Centennial, Parker	Signal Timing, Capital Improvement	886	447	99	9,278	\$20,550
T13-9	Church Ranch Boulevard/104th Avenue	Wadsworth Parkway to Sheridan Boulevard	12	Westminster, CDOT	Signal Timing, Capital Improvement	361	190	45	3,924	\$8,450
T13-10	State Highway 52	I-25 Frontage Road to Frederick Way	8	CDOT	Signal Timing	327	166	38	3,464	\$7,550
T13-11	State Highway 7	I-25 to Colorado Boulevard	6	Thornton, CDOT	Signal Timing	111	61	13	1,254	\$2,600
T13-12	Martin Luther King Boulevard/31st Avenue	Downing Street to Colorado Boulevard	23	Denver	Signal Timing, Capital Improvement	107	79	22	1,641	\$2,550

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							Pollutant Emissions Reduction (lbs)	Greenhouse Gas Emissions Reduction (lbs)		
T13-13	North Quebec Street	Alameda Avenue to 56th Avenue	30	Denver	Signal Timing, Capital Improvement	433	222	62	4,604	\$10,050
T13-14	Leetsdale Drive	Alameda Avenue to Mississippi Avenue	19	Denver	Signal Timing, Capital Improvement	759	385	92	7,983	\$17,650
T13-15	Speer Boulevard	Gilpin Street to Federal Boulevard	64	Denver	Signal Timing, Capital Improvement	467	230	55	4,760	\$10,800
T13-16	144th Avenue	Huron Street to Washington Street	10	Westminster, Thornton	Signal Timing	222	117	29	2,459	\$5,200
Annual Total			374			2,300,000	1,200,000	140	12,200	\$52,400,000
						Hrs	Gal	Tons	Tons	

Fuel @ \$3.51/Gal., Time Value @ \$21.43/Hr.

* Click on the project name above to access the Signal Timing Brief