Summary of Results for Completed Regional Traffic Signal Synchronization Projects

	Corridor Name	Timing Completed	Lead Agency	Length (Miles)	Signals	M1 / M2 Grant Board Allocation	Estimated Project Life Gas Savings (Dollars)^	Estimated Project Life Greenhouse Gas Savings (lbs.)	Travel Time Improvement	Average Speed Improvement	Stops Improvement
1	Euclid Street*	2008	OCTA	15	62	$ 480,083	$ 3,091,631	16,188,276	20%	24%	43%
2	Pacific Park Drive/Oso Parkway*	2009	OCTA	9	34	$ 248,272	$ 3,647,370	19,098,249	22%	29%	50%
3	Alicia Parkway[1]	2010	OCTA	11	41	$ 939,144	$ 806,001	4,220,358	13%	12%	40%
4	Beach Boulevard[1]	2010	OCTA	21	70	$ 1,243,859	$ 10,469,722	54,821,202	14%	21%	28%
5	Chapman Avenue (South)*[1]	2010	OCTA	14	52	$ 798,161	$ 3,244,679	16,989,696	16%	18%	46%
6	Edinger Avenue/Irvine Center Drive/ Moulton Parkway*[1]	2011	OCTA	22	109	$ 846,217	$ 4,609,706	24,137,220	11%	14%	34%
7	Harbor Boulevard*[1]	2011	OCTA	16	107	$ 890,377	$ 3,226,111	16,892,430	11%	12%	23%
8	Orangethorpe Avenue[1]	2011	OCTA	17	47	$ 697,585	$ 2,659,036	13,923,183	17%	20%	42%
9	State College Boulevard/Bristol Street*[1]	2011	OCTA	17	97	$ 574,639	$ 4,089,735	21,414,531	15%	18%	28%
10	Westminster Avenue[1]	2011	OCTA	13	48	$ 308,847	$ 4,233,390	22,166,736	14%	17%	35%
11	Brookhurst Street[1]	2012	OCTA	16	56	$ 631,764	$ 7,850,213	41,105,031	19%	18%	31%
12	El Toro Road*[1]	2012	OCTA	11	40	$ 478,916	$ 3,302,828	17,294,160	19%	24%	32%
13	Katella Avenue[1]	2012	OCTA	17	69	$ 673,845	$ 4,435,716	23,226,165	14%	14%	36%
14	La Palma Avenue[1]	2012	OCTA	18	61	$ 803,999	$ 6,281,546	32,391,229	18%	22%	27%
15	Bastanchury Road	2013	Fullerton	8	27	$ 539,936	$ 1,053,007	5,513,723	13%	15%	49%
16	Euclid Street*	2013	Fullerton	17	66	$ 1,000,000	$ 4,316,031	22,599,458	15%	17%	39%
17	Lambert Avenue	2013	La Habra	10	26	$ 520,000	$ 4,578,312	23,972,807	14%	16%	41%
18	Tustin Avenue/Rose Drive	2013	OCTA	10	43	$ 683,200	$ 2,309,842	12,094,717	15%	17%	37%
19	Yorba Linda Boulevard[1]	2013	OCTA	12	46	$ 521,837	$ 1,813,693	9,496,799	12%	10%	21%
20	Lincoln Avenue	2014	Anaheim	13	53	$ 777,910	$ 1,564,300	8,190,935	9%	15%	25%
21	Valley View Street	2014	Buena Park	3	20	$ 280,000	$ 3,056,089	16,002,194	28%	24%	37%
22	17th Street	2014	Costa Mesa	3	9	$ 220,000	$ 123,098	644,563	7%	3%	0%
23	Baker Street/Placentia Avenue	2014	Costa Mesa	8	27	$ 519,960	$ 540,228	2,828,724	14%	16%	34%
24	Fairview Road/Street	2014	Costa Mesa	8	31	$ 620,001	$ 1,735,472	9,087,220	11%	12%	24%
25	Victoria Street	2014	Costa Mesa	3	11	$ 200,000	$ 124,820	653,581	22%	15%	25%
26	Brea Boulevard	2014	Fullerton	4	16	$ 320,000	$ 813,531	4,259,783	12%	13%	43%
27	Commonwealth Avenue	2014	Fullerton	8	30	$ 600,000	$ 803,023	4,204,761	11%	12%	36%
28	Lemon Street/Anaheim Boulevard	2014	Fullerton	2	13	$ 280,000	$ 531,872	2,784,969	16%	21%	40%
29	Placentia Avenue	2014	Fullerton	4	15	$ 380,000	$ 570,921	2,989,436	18%	22%	48%
30	Culver Drive	2014	Irvine	11	39	$ 779,856	$ 3,625,648	18,984,498	12%	12%	19%
31	Jamboree Road	2014	Irvine	9	27	$ 230,608	$ 3,173,217	16,615,495	9%	9%	19%
32	Jeffrey Road	2014	Irvine	9	40	$ 410,032	$ 1,910,910	10,005,845	9%	10%	26%
33	La Habra Boulevard/Central Avenue/ State College Boulevard	2014	La Habra	6	23	$ 460,000	$ 1,550,184	8,117,025	10%	11%	27%
34	Paseo de Valencia	2014	Laguna Hills	3	12	$ 190,742	$ 169,859	889,411	8%	5%	34%
35	Ball Road	2014	OCTA	11	38	$ 733,416	$ 1,532,115	8,022,411	5%	7%	13%

ATTACHMENT B

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36	Crown Valley Parkway	2014	OCTA	9	30	$ 367,200	$ 556,861	2,915,820	4%	3%	20%
37	Edinger Avenue*	2014	OCTA	12	38	$ 753,800	$ 1,264,832	6,622,870	2%	5%	25%
38	First Street/Bolsa Avenue	2014	OCTA	12	49	$ 980,000	$ 3,506,276	18,359,448	11%	12%	26%
39	Lake Forest Drive	2014	OCTA	2	10	$ 119,679	$ 685,904	3,591,510	19%	23%	33%
40	Los Alisos Boulevard	2014	OCTA	7	21	$ 332,617	$ 27,876	145,962	5%	3%	16%
41	MacArthur Boulevard/Talbert Avenue	2014	OCTA	7	24	$ 392,256	$ 524,129	2,744,427	7%	8%	13%
42	Magnolia Street	2014	OCTA	16	54	$ 399,943	$ 2,208,937	11,566,362	10%	12%	26%
43	Marguerite Parkway	2014	OCTA	9	31	$ 323,056	$ 609,084	3,189,264	11%	12%	21%
44	Pacific Park Drive/Oso Parkway*	2014	OCTA	8	32	$ 490,222	$ 1,912,481	10,014,071	16%	19%	29%
45	Warner Avenue	2014	OCTA	13	43	$ 621,848	$ 1,797,186	9,410,366	8%	6%	15%
46	Avenida Pico	2014	San Clemente	4	21	$ 416,453	$ 705,991	3,696,687	9%	10%	21%
47	El Camino Real	2014	San Clemente	4	19	$ 359,998	$ 1,482,733	7,763,838	9%	10%	25%
48	Del Obispo Street	2014	San Juan Capistrano	4	16	$ 138,800	$ 992,762	5,198,269	13%	10%	11%
49	Knott Avenue	2015	Buena Park	7	28	$ 448,000	$ 1,918,098	10,043,483	23%	26%	37%
50	Newport Coast Drive	2015	Newport Beach	5	15	$ 260,000	$ 651,984	3,413,896	10%	0%	6%
51	San Joaquin Hills Road	2015	Newport Beach	4	11	$ 220,000	$ 584,913	3,062,701	11%	12%	32%
52	Jeronimo Road[1]	2015	OCTA	6	16	$ 267,360	$ 1,508,063	7,896,471	12%	3%	35%
53	Santa Margarita Parkway	2015	OCTA	5	20	$ 311,912	$ 1,705,334	8,929,416	15%	18%	41%
54	Trabuco Road[1]	2015	OCTA	5	16	$ 266,971	$ 1,294,844	6,780,018	15%	18%	32%
55	Avenida Vista Hermosa	2015	San Clemente	3	17	$ 305,856	$ 252,899	1,324,219	17%	19%	54%
56	Camino De Los Mares	2015	San Clemente	2	13	$ 248,208	$ 1,806,683	3,153,365	27%	37%	57%
57	Artesia Boulevard	2016	Buena Park	2	11	$ 422,142	$ 795,156	4,163,572	20%	16%	38%
58	Alton Parkway	2016	Irvine	14	48	$ 1,209,396	$ 3,082,089	16,138,332	12%	14%	39%
59	Barranca Parkway	2016	Irvine	13	44	$ 2,106,434	$ 2,734,900	14,320,395	10%	11%	26%
60	Adams Avenue[1]	2016	OCTA	5	17	$ 1,042,374	$ 2,065,973	10,817,781	7%	14%	27%
61	Antonio Parkway[1]	2016	OCTA	10	27	$ 1,156,920	$ 2,274,125	11,907,699	16%	19%	23%
62	Bake Parkway	2016	OCTA	6	19	$ 532,603	$ 1,434,344	7,510,464	12%	12%	28%
63	La Paz Road	2016	OCTA	8	23	$ 328,192	$ 1,951,861	10,220,270	14%	16%	21%
64	Newport Avenue/Boulevard (North)[1]	2016	OCTA	7	24	$ 946,045	$ 581,731	3,046,041	12%	15%	36%
65	Newport Boulevard (South)	2016	OCTA	7	33	$ 1,304,596	$ 944,446	4,945,276	5%	7%	17%
66	State College Boulevard*[1]	2016	OCTA	5	35	$ 1,041,579	$ 1,484,920	7,775,289	10%	11%	16%
67	Seal Beach Boulevard/Los Alamitos Boulevard	2016	Seal Beach	3	13	$ 586,720	$ 1,016,379	5,321,931	10%	11%	31%
68	Anaheim Boulevard	2017	Anaheim	4	18	$ 787,940	$ (95,430)	(499,686)	-1%	0%	9%
69	Harbor Boulevard*	2017	Anaheim	4	22	$ 731,867	$ 1,414,593	7,407,047	8%	9%	15%
70	Birch Street/Rose Drive	2017	Brea	4	14	$ 664,230	$ 629,603	3,296,709	23%	30%	37%

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71	Bristol Street*	2017	OCTA	8	45	$ 1,884,620	$ 1,649,926	8,639,290	7%	8%	13%
72	Goldenwest Street	2017	OCTA	8	32	$ 380,800	$ 374,406	1,960,454	11%	7%	23%
73	Harbor Boulevard*	2017	Santa Ana	10	46	$ 1,852,080	$ 4,320,825	22,624,563	10%	10%	15%
74	Sunflower Avenue	2018	Costa Mesa	3	14	$ 617,960	$ 631,288	3,305,529	15%	32%	38%
75	Imperial Highway/SR-90	2018	La Habra	10	46	$ 2,760,001	$ 6,317,107	33,077,428	14%	17%	22%
76	El Toro Road*	2018	Laguna Woods	3	15	$ 514,000	$ 1,116,724	5,847,356	17%	20%	33%
77	Moulton Parkway*	2018	Laguna Woods	11	37	$ 645,440	$ 939,620	4,920,008	12%	2%	41%
78	Marguerite Parkway*	2018	Mission Viejo	9	30	$ 759,232	$ 1,663,372	8,709,695	8%	9%	18%
79	Olympiad Road-Felipe Road	2018	Mission Viejo	6	18	$ 515,656	$ 197,900	1,036,240	3%	3%	6%
80	Chapman Avenue*	2018	OCTA	14	55	$ 2,344,044	$ 2,322,428	12,160,622	8%	9%	0%
81	Kraemer Boulevard/Glassell Street/ Grand Avenue	2018	OCTA	15	61	$ 2,433,520	$ 1,722,240	441,600	12%	7%	8%
82	Orangewood Avenue	2019	Anaheim	3	15	$ 683,328	$ 1,140,726	5,973,032	17%	22%	46%
83	Irvine Boulevard	2019	Irvine	7	29	$ 378,166	$ 2,757,359	14,437,996	17%	21%	37%
84	Irvine Center Drive/Edinger Avenue*	2019	Irvine	9	39	$ 1,824,000	$ 3,402,931	17,818,317	16%	19%	31%
85	Von Karman Avenue/Tustin Ranch Road	2019	Irvine	8	30	$ 1,439,980	$ 2,231,534	11,684,688	13%	14%	27%
86	Alicia Parkway*	2019	OCTA	11	40	$ 1,847,200	$ 3,550,240	18,589,652	12%	13%	31%
87	Coast Highway	2019	OCTA	9	27	$ 1,799,210	$ 1,907,001	9,985,376	5%	5%	8%
88	El Toro Road*	2019	OCTA	7	25	$ 1,112,447	$ 4,079,112	21,358,911	20%	25%	42%
89	Westminster Avenue/17th Street*	2019	OCTA	16	63	$ 2,820,102	$ 141,754	742,246	5%	5%	16%
90	Camino Vera Cruz	2019	San Clemente	1	5	$ 192,686	$ 145,831	763,596	9%	8%	35%
91	Brookhurst Street*	2020	OCTA	17	59	$ 2,895,884	$ 12,421,778	65,042,507	19%	25%	35%
92	Los Alisos Boulevard Route*[1]	2020	OCTA	11	40	$ 1,777,782	$ 550,476	2,882,383	2%	2%	19%
93	Magnolia Street*	2020	OCTA	16	50	$ 2,711,694	$ 276,528	1,447,948	2%	0%	3%
94	Main Street[1]	2021	OCTA	12	67	$ 3,058,176	$ 3,120,385	16,338,858	14%	15%	28%
Summary of All Projects				**838**	**3265**	**$ 78,016,430**	**$ 201,137,907**	**1,037,808,699**	**12%**	**14%**	**28%**

** These corridors have been revisited and retimed*

^ $3.90 per gallon gasoline price used to estimate savings

Note: Improvements are averaged across both directions over the full corridor

[1] Project Board allocation includes external funding

Board - Board of Directors
lbs - pounds
M1 - Measure M1
M2 - Measure M2
OCTA - Orange County Transportation Authority