

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 8, DEVONSHIRE ST. & MASON AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	69	843	77	0
EASTBOUND	83	551	165	0
NORTHBOUND	74	454	93	0
SOUTHBOUND	176	1287	147	0

** NUMBER OF LANES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL LANES
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	
WESTBOUND	1	0	2	1	0	0	4
EASTBOUND	1	0	2	1	0	0	4
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED
WESTBOUND	69	N/A	307	307	N/A	N/A
EASTBOUND	83	N/A	239	239	N/A	N/A
NORTHBOUND	74	N/A	274	274	N/A	N/A
SOUTHBOUND	176	N/A	717	717	N/A	N/A

EAST-WEST CRITICAL VOLUMES	390
NORTH-SOUTH CRITICAL VOLUMES	791

THE SUM OF CRITICAL VOLUMES	1181
NUMBER OF CRITICAL CLEARANCE INTERVALS	2
CMA VALUE	0.829
LEVEL OF SERVICE	D

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, RONALD REAGAN FWY. W/B RAMPS & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	RIGHT TURNS	
			MIN ON GREEN	MAX ON RED
WESTBOUND	1137	0	6	2
EASTBOUND	0	0	0	0
NORTHBOUND	0	56	0	838
SOUTHBOUND	3	38	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
	WESTBOUND	2	0	0	0	1	0
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	1	0	2	0	3
SOUTHBOUND	0	1	1	0	0	0	2

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
	WESTBOUND	625	N/A	N/A	N/A	6
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	56	N/A	0	N/A
SOUTHBOUND	N/A	20	20	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES	625
NORTH-SOUTH CRITICAL VOLUMES	59

THE SUM OF CRITICAL VOLUMES	684
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.480
LEVEL OF SERVICE	A

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 2, RONALD REAGAN FWY. E/B RAMPS & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	0	0
EASTBOUND	5	0	0	511
NORTHBOUND	0	860	0	2115
SOUTHBOUND	1	67	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	0	1	0	0	1	0	2
NORTHBOUND	0	0	1	1	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	5	N/A	N/A	0	N/A
NORTHBOUND	N/A	N/A	430	N/A	0	N/A
SOUTHBOUND	1	N/A	34	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES	5
NORTH-SOUTH CRITICAL VOLUMES	431

THE SUM OF CRITICAL VOLUMES	436
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.363
LEVEL OF SERVICE	A

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 3, RINALDI ST. & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	800	0	0	79
EASTBOUND	0	0	0	0
NORTHBOUND	0	2168	510	220
SOUTHBOUND	268	1011	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
	WESTBOUND	2	0	0	0	1	0
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	2	0	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
	WESTBOUND	440	N/A	N/A	N/A	0
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	1084	N/A	510	N/A
SOUTHBOUND	268	N/A	506	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES 440
 NORTH-SOUTH CRITICAL VOLUMES 1352

 THE SUM OF CRITICAL VOLUMES 1792
 NUMBER OF CRITICAL CLEARANCE INTERVALS 3
 CMA VALUE 1.258
 LEVEL OF SERVICE F

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 4, TULSA ST. & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	RIGHT TURNS	
			MIN ON GREEN	MAX ON RED
WESTBOUND	3	0	17	0
EASTBOUND	0	0	0	0
NORTHBOUND	0	3327	19	10
SOUTHBOUND	32	1835	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
	WESTBOUND	0	0	0	0	0	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	2	0	1	0	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
	WESTBOUND	N/A	N/A	N/A	N/A	N/A
EASTBOUND	N/A	N/A	N/A	N/A	N/A	0
NORTHBOUND	0	N/A	1664	N/A	19	N/A
SOUTHBOUND	32	N/A	918	N/A	0	N/A

EAST-WEST CRITICAL VOLUMES	20
NORTH-SOUTH CRITICAL VOLUMES	1696

THE SUM OF CRITICAL VOLUMES	1716
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	1.204
LEVEL OF SERVICE	F

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 5, CHATSWORTH ST. & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	25	158	186	66
EASTBOUND	253	208	49	0
NORTHBOUND	58	2852	58	0
SOUTHBOUND	66	1591	55	126

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	1	0	2	1	0	0	4
SOUTHBOUND	1	0	2	0	1	0	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	253	N/A	128	128	N/A	N/A
NORTHBOUND	58	N/A	970	970	N/A	N/A
SOUTHBOUND	66	N/A	796	N/A	55	N/A

EAST-WEST CRITICAL VOLUMES 439
 NORTH-SOUTH CRITICAL VOLUMES 1036

 THE SUM OF CRITICAL VOLUMES 1475
 NUMBER OF CRITICAL CLEARANCE INTERVALS 3
 CMA VALUE 1.035
 LEVEL OF SERVICE F

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 6, DEVONSHIRE ST. & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	153	875	123	72
EASTBOUND	362	917	137	0
NORTHBOUND	186	2386	226	0
SOUTHBOUND	263	1255	191	0

** NUMBER OF LANES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL LANES
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	
WESTBOUND	2	0	2	0	1	0	5
EASTBOUND	2	0	1	1	0	0	4
NORTHBOUND	2	0	2	1	0	0	5
SOUTHBOUND	2	0	2	1	0	0	5

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED
WESTBOUND	84	N/A	438	N/A	123	N/A
EASTBOUND	199	N/A	527	527	N/A	N/A
NORTHBOUND	102	N/A	871	871	N/A	N/A
SOUTHBOUND	145	N/A	482	482	N/A	N/A

EAST-WEST CRITICAL VOLUMES 637
 NORTH-SOUTH CRITICAL VOLUMES 1016

 THE SUM OF CRITICAL VOLUMES 1653
 NUMBER OF CRITICAL CLEARANCE INTERVALS 4
 CMA VALUE 1.202
 LEVEL OF SERVICE F

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 7, CHATSWORTH ST. & MASON AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	10	36	0	21
EASTBOUND	126	38	4	149
NORTHBOUND	298	1044	17	0
SOUTHBOUND	12	596	9	63

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
	WESTBOUND	1	0	2	0	1	0
EASTBOUND	1	0	1	0	1	0	3
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	2	0	1	0	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
WESTBOUND	10	N/A	18	N/A	0	N/A
EASTBOUND	126	N/A	38	N/A	4	N/A
NORTHBOUND	298	N/A	530	530	N/A	N/A
SOUTHBOUND	12	N/A	298	N/A	9	N/A

EAST-WEST CRITICAL VOLUMES 144
 NORTH-SOUTH CRITICAL VOLUMES 596

 THE SUM OF CRITICAL VOLUMES 740
 NUMBER OF CRITICAL CLEARANCE INTERVALS 2
 CMA VALUE 0.493
 LEVEL OF SERVICE A

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 8, DEVONSHIRE ST. & MASON AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	109	797	162	0
EASTBOUND	151	950	146	0
NORTHBOUND	150	1057	231	0
SOUTHBOUND	91	586	63	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL
							LANES
WESTBOUND	1	0	2	1	0	0	4
EASTBOUND	1	0	2	1	0	0	4
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R
						SHARED
WESTBOUND	109	N/A	320	320	N/A	N/A
EASTBOUND	151	N/A	365	365	N/A	N/A
NORTHBOUND	150	N/A	644	644	N/A	N/A
SOUTHBOUND	91	N/A	324	324	N/A	N/A

EAST-WEST CRITICAL VOLUMES 474
 NORTH-SOUTH CRITICAL VOLUMES 735

 THE SUM OF CRITICAL VOLUMES 1209

 NUMBER OF CRITICAL CLEARANCE INTERVALS 2

 CMA VALUE 0.848

 LEVEL OF SERVICE D

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, RONALD REAGAN FWY. W/B RAMPS & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	1649	0	468	118
EASTBOUND	0	0	0	0
NORTHBOUND	0	17	0	493
SOUTHBOUND	3	506	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	1	0	2	0	3
SOUTHBOUND	0	1	1	0	0	0	2

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	17	N/A	0	N/A
SOUTHBOUND	N/A	254	254	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES 907
 NORTH-SOUTH CRITICAL VOLUMES 254

 THE SUM OF CRITICAL VOLUMES 1161
 NUMBER OF CRITICAL CLEARANCE INTERVALS 0
 CMA VALUE 0.815
 LEVEL OF SERVICE D

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 2, RONALD REAGAN FWY. E/B RAMPS & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	0	0
EASTBOUND	2	1	0	880
NORTHBOUND	0	504	0	1370
SOUTHBOUND	4	2152	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	0	1	0	0	1	0	2
NORTHBOUND	0	0	1	1	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
WESTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
EASTBOUND	N/A	3	N/A	N/A	0	N/A
NORTHBOUND	N/A	N/A	252	N/A	0	N/A
SOUTHBOUND	4	N/A	1076	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES	3
NORTH-SOUTH CRITICAL VOLUMES	1076

THE SUM OF CRITICAL VOLUMES	1079
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.719
LEVEL OF SERVICE	C

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 3, RINALDI ST. & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	923	0	7	120
EASTBOUND	0	0	0	0
NORTHBOUND	0	1523	432	254
SOUTHBOUND	239	1807	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	2	0	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	762	N/A	432	N/A
SOUTHBOUND	239	N/A	904	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES 508
 NORTH-SOUTH CRITICAL VOLUMES 1001

 THE SUM OF CRITICAL VOLUMES 1509
 NUMBER OF CRITICAL CLEARANCE INTERVALS 3
 CMA VALUE 1.059
 LEVEL OF SERVICE F

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 4, TULSA ST. & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	1	0	82	0
EASTBOUND	0	0	0	0
NORTHBOUND	0	2015	0	23
SOUTHBOUND	0	3062	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	0	0	2	0	1	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
WESTBOUND	N/A	N/A	N/A	N/A	N/A	83
EASTBOUND	N/A	N/A	N/A	N/A	N/A	0
NORTHBOUND	0	N/A	1008	N/A	0	N/A
SOUTHBOUND	N/A	N/A	1531	N/A	0	N/A

EAST-WEST CRITICAL VOLUMES	83
NORTH-SOUTH CRITICAL VOLUMES	1531

THE SUM OF CRITICAL VOLUMES	1614
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	1.133
LEVEL OF SERVICE	F

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 5, CHATSWORTH ST. & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	25	248	0	196
EASTBOUND	232	308	46	0
NORTHBOUND	30	1524	17	0
SOUTHBOUND	353	2181	350	116

** NUMBER OF LANES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL LANES
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	
WESTBOUND	1	0	1	0	1	0	3
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	1	0	2	1	0	0	4
SOUTHBOUND	1	0	2	0	1	0	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED
WESTBOUND	25	N/A	248	N/A	0	N/A
EASTBOUND	232	N/A	177	177	N/A	N/A
NORTHBOUND	30	N/A	514	514	N/A	N/A
SOUTHBOUND	353	N/A	1090	N/A	350	N/A

EAST-WEST CRITICAL VOLUMES 480
 NORTH-SOUTH CRITICAL VOLUMES 1120

 THE SUM OF CRITICAL VOLUMES 1600
 NUMBER OF CRITICAL CLEARANCE INTERVALS 3
 CMA VALUE 1.123
 LEVEL OF SERVICE F

INTERSECTION:6, DEVONSHIRE ST. & DE SOTO AV.
 DATE: 4/6/2005 INITIALS: LC PERIOD: AM PEAK HOUR
 CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	389	870	** 122	0
EASTBOUND	389	870	** 122	0
NORTHBOUND	198	1257	124	0
SOUTHBOUND	138	1796	114	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
WESTBOUND	2	0	2	0	1	0	5
EASTBOUND	2	0	1	1	0	0	4
NORTHBOUND	2	0	2	1	0	0	5
SOUTHBOUND	2	0	2	1	0	0	5

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
WESTBOUND	187	N/A	460	N/A	0	N/A
EASTBOUND	214	N/A	496	496	N/A	N/A
NORTHBOUND	109	N/A	460	460	N/A	N/A
SOUTHBOUND	76	N/A	637	637	N/A	N/A

EAST-WEST CRITICAL VOLUMES 683
 NORTH-SOUTH CRITICAL VOLUMES 746

THE SUM OF CRITICAL VOLUMES 1429

NUMBER OF CRITICAL CLEARANCE INTERVALS 4

CMA VALUE 1.039

LEVEL OF SERVICE F

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 7, CHATSWORTH ST. & MASON AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	52	39	0	15
EASTBOUND	100	32	416	101
NORTHBOUND	202	447	12	0
SOUTHBOUND	2	1167	0	146

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	1	0	1	0	3
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	2	0	1	0	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	100	N/A	32	N/A	416	N/A
NORTHBOUND	202	N/A	230	230	N/A	N/A
SOUTHBOUND	2	N/A	584	N/A	0	N/A

EAST-WEST CRITICAL VOLUMES 468
 NORTH-SOUTH CRITICAL VOLUMES 786

 THE SUM OF CRITICAL VOLUMES 1254

 NUMBER OF CRITICAL CLEARANCE INTERVALS 2

 CMA VALUE 0.836

 LEVEL OF SERVICE D

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 8, DEVONSHIRE ST. & MASON AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	69	858	92	0
EASTBOUND	83	561	165	0
NORTHBOUND	74	500	93	0
SOUTHBOUND	186	1317	147	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	2	1	0	0	4
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	83	N/A	242	242	N/A	N/A
NORTHBOUND	74	N/A	296	296	N/A	N/A
SOUTHBOUND	186	N/A	732	732	N/A	N/A

EAST-WEST CRITICAL VOLUMES 400
 NORTH-SOUTH CRITICAL VOLUMES 806

 THE SUM OF CRITICAL VOLUMES 1206
 NUMBER OF CRITICAL CLEARANCE INTERVALS 2
 CMA VALUE 0.846
 LEVEL OF SERVICE D

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, RONALD REAGAN FWY. W/B RAMPS & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	1141	0	6	2
EASTBOUND	0	0	0	0
NORTHBOUND	0	56	0	859
SOUTHBOUND	3	38	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	1	0	2	0	3
SOUTHBOUND	0	1	1	0	0	0	2

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	56	N/A	0	N/A
SOUTHBOUND	N/A	20	20	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES	628
NORTH-SOUTH CRITICAL VOLUMES	59

THE SUM OF CRITICAL VOLUMES	687
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.482
LEVEL OF SERVICE	A

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 2, RONALD REAGAN FWY. E/B RAMPS & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	0	0
EASTBOUND	5	0	0	524
NORTHBOUND	0	881	0	2122
SOUTHBOUND	1	71	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	0	1	0	0	1	0	2
NORTHBOUND	0	0	1	1	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	5	N/A	N/A	0	N/A
NORTHBOUND	N/A	N/A	440	N/A	0	N/A
SOUTHBOUND	1	N/A	36	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES	5
NORTH-SOUTH CRITICAL VOLUMES	441

THE SUM OF CRITICAL VOLUMES	446
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.372
LEVEL OF SERVICE	A

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 3, RINALDI ST. & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	900	0	0	108
EASTBOUND	0	0	0	0
NORTHBOUND	0	2168	544	248
SOUTHBOUND	286	1011	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	2	0	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	1084	N/A	544	N/A
SOUTHBOUND	286	N/A	506	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES 495
 NORTH-SOUTH CRITICAL VOLUMES 1370

 THE SUM OF CRITICAL VOLUMES 1865
 NUMBER OF CRITICAL CLEARANCE INTERVALS 3
 CMA VALUE 1.309
 LEVEL OF SERVICE F

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 4, TULSA ST. & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	3	0	21	0
EASTBOUND	0	0	0	0
NORTHBOUND	0	3384	17	12
SOUTHBOUND	39	1928	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	0	0	0	0	0	1	1
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	2	0	1	0	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	N/A	N/A	N/A	0
NORTHBOUND	0	N/A	1692	N/A	17	N/A
SOUTHBOUND	39	N/A	964	N/A	0	N/A

EAST-WEST CRITICAL VOLUMES 24
 NORTH-SOUTH CRITICAL VOLUMES 1731

 THE SUM OF CRITICAL VOLUMES 1755
 NUMBER OF CRITICAL CLEARANCE INTERVALS 0
 CMA VALUE 1.232
 LEVEL OF SERVICE F

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 5, CHATSWORTH ST. & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	25	158	178	87
EASTBOUND	262	208	49	0
NORTHBOUND	58	2887	58	0
SOUTHBOUND	87	1648	64	131

** NUMBER OF LANES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	1	0	1	0	3
EASTBOUND	1	0	1	1	0	0	3
NORTHBOUND	1	0	2	1	0	0	4
SOUTHBOUND	1	0	2	0	1	0	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED
WESTBOUND	25	N/A	158	N/A	178	N/A
EASTBOUND	262	N/A	128	128	N/A	N/A
NORTHBOUND	58	N/A	982	982	N/A	N/A
SOUTHBOUND	87	N/A	824	N/A	64	N/A

EAST-WEST CRITICAL VOLUMES 440
 NORTH-SOUTH CRITICAL VOLUMES 1069

 THE SUM OF CRITICAL VOLUMES 1509
 NUMBER OF CRITICAL CLEARANCE INTERVALS 3
 CMA VALUE 1.059
 LEVEL OF SERVICE F

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 6, DEVONSHIRE ST. & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	153	875	125	74
EASTBOUND	371	917	137	0
NORTHBOUND	186	2408	226	0
SOUTHBOUND	270	1291	205	0

** NUMBER OF LANES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	2	0	2	0	1	0	5
EASTBOUND	2	0	1	1	0	0	4
NORTHBOUND	2	0	2	1	0	0	5
SOUTHBOUND	2	0	2	1	0	0	5

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED
WESTBOUND	84	N/A	438	N/A	125	N/A
EASTBOUND	204	N/A	527	527	N/A	N/A
NORTHBOUND	102	N/A	878	878	N/A	N/A
SOUTHBOUND	148	N/A	499	499	N/A	N/A

EAST-WEST CRITICAL VOLUMES 642
 NORTH-SOUTH CRITICAL VOLUMES 1026

 THE SUM OF CRITICAL VOLUMES 1668
 NUMBER OF CRITICAL CLEARANCE INTERVALS 4
 CMA VALUE 1.213
 LEVEL OF SERVICE F

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 7, CHATSWORTH ST. & MASON AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	10	36	0	21
EASTBOUND	126	38	18	156
NORTHBOUND	311	1048	17	0
SOUTHBOUND	12	603	9	63

** NUMBER OF LANES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	LANES
WESTBOUND	1	0	2	0	1	0	4
EASTBOUND	1	0	1	0	1	0	3
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	2	0	1	0	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED
WESTBOUND	10	N/A	18	N/A	0	N/A
EASTBOUND	126	N/A	38	N/A	18	N/A
NORTHBOUND	311	N/A	532	532	N/A	N/A
SOUTHBOUND	12	N/A	302	N/A	9	N/A

EAST-WEST CRITICAL VOLUMES	144
NORTH-SOUTH CRITICAL VOLUMES	613

THE SUM OF CRITICAL VOLUMES	757
NUMBER OF CRITICAL CLEARANCE INTERVALS	2
CMA VALUE	0.505
LEVEL OF SERVICE	A

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 8, DEVONSHIRE ST. & MASON AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	109	801	166	0
EASTBOUND	151	957	146	0
NORTHBOUND	150	1070	231	0
SOUTHBOUND	98	607	63	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	2	1	0	0	4
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	151	N/A	368	368	N/A	N/A
NORTHBOUND	150	N/A	650	650	N/A	N/A
SOUTHBOUND	98	N/A	335	335	N/A	N/A

EAST-WEST CRITICAL VOLUMES 477
 NORTH-SOUTH CRITICAL VOLUMES 748

 THE SUM OF CRITICAL VOLUMES 1225
 NUMBER OF CRITICAL CLEARANCE INTERVALS 2
 CMA VALUE 0.860
 LEVEL OF SERVICE D

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, RONALD REAGAN FWY. W/B RAMPS & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT WITH TDM

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	1645	0	468	118
EASTBOUND	0	0	0	0
NORTHBOUND	0	17	0	486
SOUTHBOUND	3	506	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	1	0	2	0	3
SOUTHBOUND	0	1	1	0	0	0	2

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	17	N/A	0	N/A
SOUTHBOUND	N/A	254	254	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES 905
 NORTH-SOUTH CRITICAL VOLUMES 254

 THE SUM OF CRITICAL VOLUMES 1159
 NUMBER OF CRITICAL CLEARANCE INTERVALS 0
 CMA VALUE 0.813
 LEVEL OF SERVICE D

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 2, RONALD REAGAN FWY. E/B RAMPS & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT WITH TDM

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	0	0
EASTBOUND	2	1	0	869
NORTHBOUND	0	497	0	1368
SOUTHBOUND	4	2148	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	0	1	0	0	1	0	2
NORTHBOUND	0	0	1	1	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	3	N/A	N/A	0	N/A
NORTHBOUND	N/A	N/A	248	N/A	0	N/A
SOUTHBOUND	4	N/A	1074	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES 3
 NORTH-SOUTH CRITICAL VOLUMES 1074

 THE SUM OF CRITICAL VOLUMES 1077

 NUMBER OF CRITICAL CLEARANCE INTERVALS 0

 CMA VALUE 0.718

 LEVEL OF SERVICE C

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 3, RINALDI ST. & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) W/PROJECT W/ TDM + MIT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	888	0	5	112
EASTBOUND	0	0	0	0
NORTHBOUND	0	1523	389	244
SOUTHBOUND	224	1807	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	0	0	2	0	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	762	N/A	389	N/A
SOUTHBOUND	224	N/A	904	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES 488
 NORTH-SOUTH CRITICAL VOLUMES 986

 THE SUM OF CRITICAL VOLUMES 1474
 NUMBER OF CRITICAL CLEARANCE INTERVALS 3*
 CMA VALUE 0.934
 LEVEL OF SERVICE E

 * Includes CMA value decreased due to ATCS Implementation.

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 4, TULSA ST. & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) W/PROJECT W/ TDM + MIT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	RIGHT TURNS	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	0	78
EASTBOUND	0	0	0	0
NORTHBOUND	0	1966	23	0
SOUTHBOUND	0	3027	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
	WESTBOUND	1	0	0	0	1	0
EASTBOUND	0	0	0	0	0	0	0
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	0	0	2	0	1	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
WESTBOUND	0	N/A	N/A	N/A	0	N/A
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	0	N/A	983	N/A	23	N/A
SOUTHBOUND	N/A	N/A	1514	N/A	0	N/A

EAST-WEST CRITICAL VOLUMES 0
 NORTH-SOUTH CRITICAL VOLUMES 1514

 THE SUM OF CRITICAL VOLUMES 1514
 NUMBER OF CRITICAL CLEARANCE INTERVALS 0*
 CMA VALUE 0.909
 LEVEL OF SERVICE E

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 5, CHATSWORTH ST. & DE SOTO AV.
DATE: 4/6/2005 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) W/PROJECT W/ TDM + MIT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	25	248	185	0
EASTBOUND	225	308	46	0
NORTHBOUND	30	1494	17	0
SOUTHBOUND	343	2161	349	112

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	2	1	0	0	4
SOUTHBOUND	1	0	2	0	1	0	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	225	N/A	N/A	354	N/A	N/A
NORTHBOUND	30	N/A	504	504	N/A	N/A
SOUTHBOUND	343	N/A	1080	N/A	349	N/A

EAST-WEST CRITICAL VOLUMES 441
 NORTH-SOUTH CRITICAL VOLUMES 1110

 THE SUM OF CRITICAL VOLUMES 1551

 NUMBER OF CRITICAL CLEARANCE INTERVALS 3*

 CMA VALUE 0.988

 LEVEL OF SERVICE E