

CHULUOTA ROAD INTERSECTION CONTROL EVALUATION (ICE) STUDY

RESULTS FROM ICE STAGE 3 ANALYSIS

EXISTING 2-LANE SECTION WITH ALTERNATIVE INTERSECTION CONCEPTS							
	CORRIDOR TRAFFIC CONTROL TYPE	EXISTING TRAFFIC CONTROLS (ETC)		ROUNDBABOUTS AT ALL INTERSECTIONS		ETC & ROUNDBABOUTS MIXTURE (1)	
	MEASURE OF EFFECTIVENESS (MOE)	DELAY (S/VEH)	ARTERIAL SPEED (LOS)	DELAY (S/VEH)	ARTERIAL SPEED (LOS)	DELAY (S/VEH)	ARTERIAL SPEED (LOS)
CORRIDOR TRAVEL DIRECTION	NORTHBOUND	66.3	34 (C)	167.9	21 (E)	98.4	27 (D)
	SOUTHBOUND	239.1	19 (E)	343.8	15 (F)	268.1	16 (F)
4-LANE WIDENING SECTION WITH ALTERNATIVE INTERSECTION CONCEPTS							
	CORRIDOR TRAFFIC CONTROL TYPE	EXISTING TRAFFIC CONTROLS (ETC)		ROUNDBABOUTS AT ALL INTERSECTIONS		ETC & ROUNDBABOUTS MIXTURE (1)	
	MEASURE OF EFFECTIVENESS (MOE)	DELAY (S/VEH)	ARTERIAL SPEED (LOS)	DELAY (S/VEH)	ARTERIAL SPEED (LOS)	DELAY (S/VEH)	ARTERIAL SPEED (LOS)
CORRIDOR TRAVEL DIRECTION	NORTHBOUND	52.5	35 (B)	86.4	28 (C)	71.9	31 (C)
	SOUTHBOUND	57.0	35 (B)	50.3	35 (B)	77.3	31 (C)

(1) TRAFFIC SIGNALS AT LAKE PICKETT ROAD AND CYPRESS LAKE GLEN BLVD (SOUTH), ROUNDBABOUTS AT LONG BOAT LANE AND AT CORNER LAKE DRIVE

RECOMMENDED ICE ALTERNATIVE IS EXISTING TRAFFIC CONTROLS (ETC) WHICH PROVIDES SHORTER DELAYS AND BETTER LEVEL OF SERVICE PERFORMANCE

LEGEND

LEVEL OF SERVICE (LOS) LEGEND	
	LEVEL OF SERVICE (LOS) A
	LEVEL OF SERVICE (LOS) B
	LEVEL OF SERVICE (LOS) C
	LEVEL OF SERVICE (LOS) D
	LEVEL OF SERVICE (LOS) E
	LEVEL OF SERVICE (LOS) F