COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT WARRANTS FOR THREE-WAY STOP SIGN INSTALLATION

(Low Volume Streets)

Location:		Date:	4/23/2018		
Main Avenue		_			
Major Street					
Elm Road					
Minor Street					
Three-way stop sign installation may be considered	if any of the following	conditions exi	st:		
1. Volume		ADT	Yes/No	Warranted	
 a) Total vehicular volume entering the interior approaches must average <u>500</u> vehicles 		5897		YES	
hours of an average day.(24-hour equi approximately <u>3000</u> vehicles)	valent of if 60% 1800		<u>YES</u>		
b) In addition, the vehicular volume enter from the minor street or streets for the must average at least <u>1/3</u> of the total v the intersection (<u>200</u> per hour min.)	same 6 hours	1929	<u>YES</u>		
c) When the 85th percentile approach sp 64 km/h (40 MPH), the minimum vehic		85 th %			
warrant is 70% of the above requirement	nts.	40	<u>YES</u>		
2. Collisions		No. of Coll.			
Four or more collisions of types susceptible	·	i I	[NO	
stop signs within a 12-month period, with	•	1 1	<u>NO</u>		
observance and enforcement of less restri	ctive control.	Distance			
8	nore enpression	Distance	ŀ	NO	
The straight line sight distance on one or more approaches		Good	NO F	NO	
of the major street for vehicles or pedestrians crossing the intersection is less than 160 ft (50 m) for 25 mph (40 km/hr)		Good	NO		
4. Residential Area	o mpn (40 km/m)	 			
Volume warrants to be reduced to 60% of the values above if <u>all</u> of the following conditions are met:				Yes/No	
	a) Both streets have residential frontage with existing		Yes/No	YES	
40 km/h (25 MPH) speed limits.	······g		1		
b) Neither street is an adopted through st	eet.	1	Yes/No		
c) Neither street exceeds 40 ft. (12.5 m) of roadway width.			Yes/No		
d) No existing stop sign or signal is located on the more			Yes/No		
heavily traveled street within a distance of <u>800 ft.</u> (250 m) e) The intersection has three legs, with streets extending			Yes/No		
800 ft. (250 m) or more away from the intersection on at					
least two sides. f) Installation of a three-way stop is <u>com</u>	natible with overall		Yes/No		
traffic circulation needs for the resident			163/140		
Warranted: XYes No ** SEE EXISTING CONDITIONS COMMENTS (DATA INPUT SHEET)					
	larence Salim, PE		Date:	4/23/2018	
	nanth Prasad, PE E# C59176 Exp. 06/30/	719	Date: _		

COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT WARRANTS FOR THREE-WAY STOP SIGN INSTALLATION

(Low Volume Streets)

Location:			Date:	4/23/2010	
	Half Road	_			
	Major Street				
	Mission View Drive				
	Minor Street	-			
Three way	stop sign installation may be consid	ered if any of the following	conditions evi	et.	
		ered if arry of the following t		Yes/No	Marrantad
1. Volume		- :	ADT	res/No	Warranted
 a) Total vehicular volume entering the intersection from all approaches must average <u>500</u> vehicles per hour for any 6 		7619		YES	
	hours of an average day.(24-hour approximately 3000 vehicles)	equivalent of if 60% 1800	_	YES	
b)	In addition, the vehicular volume e from the minor street or streets for must average at least <u>1/3</u> of the to the intersection (<u>200</u> per hour min.	the same 6 hours tal volume entering	3586	YES	
c)	When the 85th percentile approach 64 km/h (40 MPH), the minimum v		85 th %		
	warrant is 70% of the above requir		42	YES	
2. Collisio		cirionis.	No. of Coll.	120	
I	our or more collisions of types susce	ntible to correction by	140.010011.		NO
				NO	- 110
	op signs within a <u>12-month</u> period, v		0	<u>NO</u>	1
	servance and enforcement of less r	estrictive control.	D: 1		
3. Visibilit			Distance		
The straight line sight distance on one or more approaches		1		NO	
of the major street for vehicles or pedestrians crossing the		Good	<u>NO</u>		
	ersection is less than 160 ft (50 m)	for 25 mph (40 km/hr)			
	ntial Area		l l		1 1
Volume warrants to be reduced to 60% of the values above if <u>all</u> of the following conditions are met:		Notes		Yes/No	
a)	a) Both streets have residential frontage with existing			Yes/No	YES
L.	40 km/h (25 MPH) speed limits.	b street	Į l	Vac Ala	
,	b) Neither street is an adopted through street.		1	Yes/No	
	c) Neither street exceeds 40 ft. (12.5 m) of roadway width.			Yes/No	
(a)	 d) No existing stop sign or signal is located on the more heavily traveled street within a distance of <u>800 ft.</u> (250 m) 			Yes/No	
e)	e) The intersection has three legs, with streets extending		1	Yes/No	
ĺ ,	800 ft. (250 m) or more away from				
	least two sides.				
f) Installation of a three-way stop is compatible with overall			Yes/No		
·	traffic circulation needs for the resi	dential area.	1		
Warranted: XYes No ** SEE EXISTING CONDITIONS COMMENTS (DATA INPUT SHEET)					
	Prepared By	Clarence Salim, PE		Date:	4/23/2018
	Reviewed By	Ananth Prasad, PE	•	Date:	
	Reviewed By	PF# C59176 Exp. 06/30/	10	Date.	

COUNTY OF SANTA CLARA ROADS AND AIRPORTS DEPARTMENT WARRANTS FOR THREE-WAY STOP SIGN INSTALLATION

(Low Volume Streets)

Locat	tion:			Date:	4/23/2018	
		Half Road				
		Major Street				
		Elm Road				
		Minor Street				
		stop sign installation may be conside	ered if any of the following of			104
1. <u>V</u>	<u>olume</u>		to to a second to a feet as all	ADT	Yes/No	Warranted
	a)	Total vehicular volume entering the approaches must average <u>500</u> veh		4008		YES
		hours of an average day.(24-hour eapproximately 3000 vehicles)	equivalent of if 60% 1800		<u>YES</u>	
	b)	In addition, the vehicular volume er from the minor street or streets for must average at least <u>1/3</u> of the tot the intersection (<u>200</u> per hour min.)	the same 6 hours al volume entering	1634	YES	
	c)	When the 85th percentile approach	speed exceeds	85 th %		
		64 km/h (40 MPH), the minimum v warrant is 70% of the above require		42	YES	
2. <u>C</u>	ollisio			No. of Coll.		
	Fo	ur or more collisions of types susce	ptible to correction by		I	NO
	sto	pp signs within a <u>12-month</u> period, v	vith satisfactory	0	NO I	
		servance and enforcement of less re	estrictive control.			
3. <u>Vi</u>	isibili	X.		Distance		
	Th	e straight line sight distance on one	or more approaches			NO
of the major street for vehicles or pedestrians crossing the		Good	NO			
		ersection is less than <u>160 ft</u> (50 m)	for 25 mph (40 km/hr)			
4. <u>R</u>		ntial Area				
Volume warrants to be reduced to 60% of the values above if <u>all</u> of the following conditions are met:		Notes		Yes/No		
	a)	Both streets have residential fronta	ge with existing		Yes/No	YES
		40 km/h (25 MPH) speed limits.			Ī	
	b) Neither street is an adopted through street.				Yes/No	1
	c) Neither street exceeds 40 ft. (12.5 m) of roadway width.			Yes/No		
	 d) No existing stop sign or signal is located on the more heavily traveled street within a distance of 800 ft. (250 m) 			Yes/No		
	e) The intersection has three legs, with streets extending			Yes/No		
	800 ft. (250 m) or more away from the intersection on at			1		
		least two sides.				
	f)	Installation of a three-way stop is c	ompatible with overall		Yes/No	
	traffic circulation needs for the residential area.					
Warranted: XYes No ** SEE EXISTING CONDITIONS COMMENTS (DATA INPUT SHEET)						
		Prepared By	Clarence Salim, PE		Date:	4/23/2018
		Reviewed By	Ananth Prasad, PE	•2	Date:	
		,	PE# C59176 Exp. 06/30/	19	:-	