

Sunnyvale Caltrain Grade Separations Feasibility Study

Mathilda Ave / California Ave				
5	AM Peak		PM Peak	
	Scenarios	LOS	Delay (sec)	LOS
No-Build	F	201.3	F	271.8
Tunnel	F	99.8	F	263.1
Bike/Ped UC	F	123.8	F	273.0

Mathilda Ave SB Off Ramp / Evelyn Ave					
6	AM Peak		PM Peak		
	Scenarios	LOS	Delay (sec)	LOS	Delay (sec)
	No-Build	F	446.2	F	158.2
	Tunnel	B	14.1	B	14.5
	Bike/Ped UC	C	33.5	C	25.8

Mathilda Ave NB Off Ramp / Evelyn Ave					
7	AM Peak		PM Peak		
	Scenarios	LOS	Delay (sec)	LOS	Delay (sec)
	No-Build	F	270.9	F	119.9
	Tunnel	B	11.6	C	26.4
	Bike/Ped UC	B	12.8	D	39.8

Mathilda Ave / Washington Ave				
8	AM Peak		PM Peak	
	LOS	Delay (sec)	LOS	Delay (sec)
Scenarios	LOS	Delay (sec)	LOS	Delay (sec)
No-Build	F	270.2	E	71.4
Tunnel	F	159.0	E	72.0
Bike/Ped UC	F	135.9	E	63.3

LEGEND

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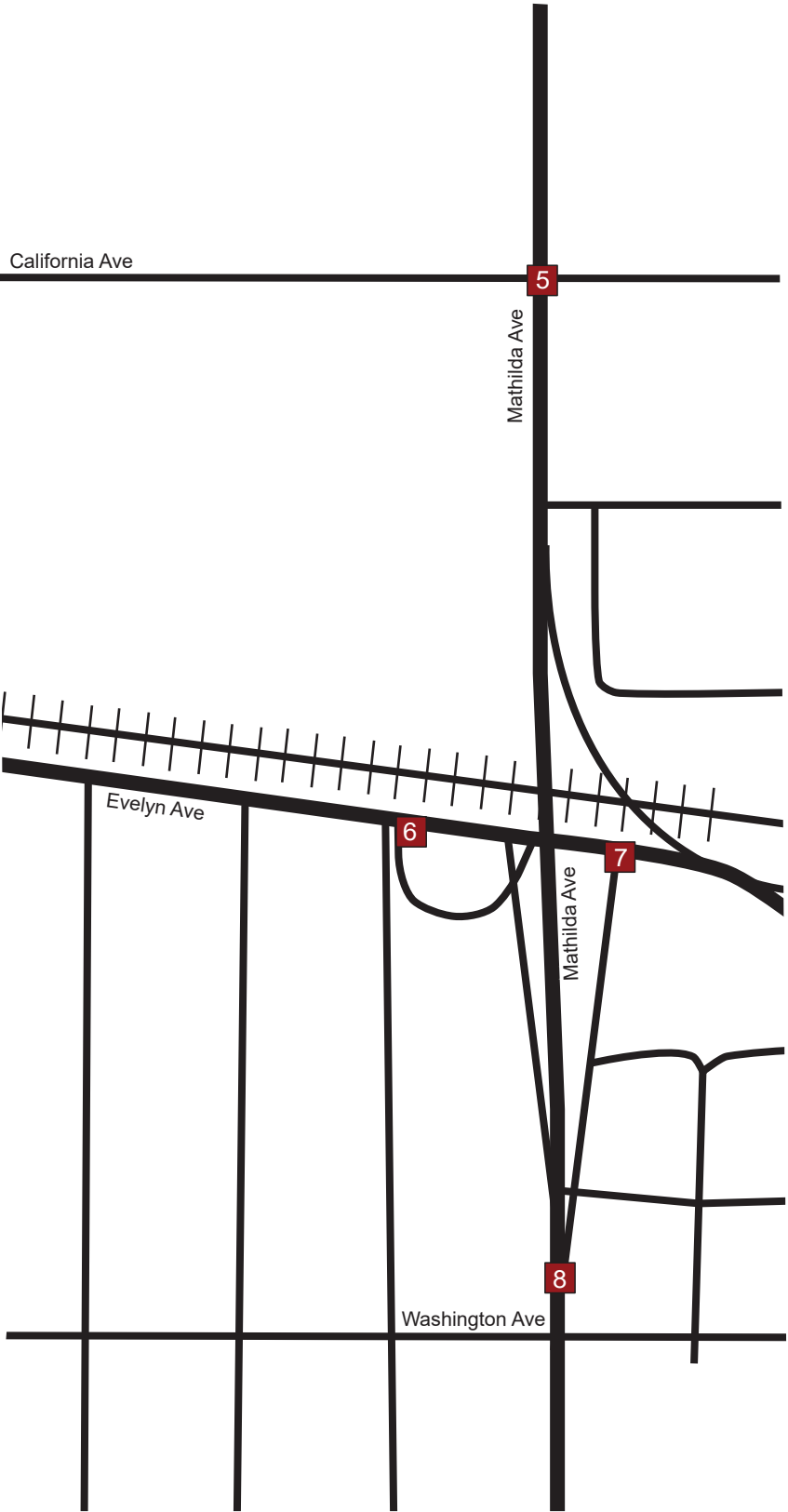
Study Intersection

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NOT TO SCALE



Sunnyvale Caltrain Grade Separations Feasibility Study

Frances St - Sunnyvale Station Access / Evelyn Ave					
9	AM Peak		PM Peak		
	Scenarios	LOS	Delay (sec)	LOS	Delay (sec)
	No-Build	F	192.8	F	138.4
Tunnel	C	23.3	E	55.3	
Bike/Ped UC	E	65.0	C	29.7	

Washington Ave / Frances St					
10	AM Peak		PM Peak		
	Scenarios	LOS	Delay (sec)	LOS	Delay (sec)
	No-Build	F	72.1	F	60.7
Tunnel	A	5.9	F	141.7	
Bike/Ped UC	A	6.3	A	5.2	

Murphy Ave / Evelyn Ave					
11	AM Peak		PM Peak		
	Scenarios	LOS	Delay (sec)	LOS	Delay (sec)
	No-Build	F	51.6	E	46.4
Tunnel	C	18.0	B	10.1	
Bike/Ped UC	E	37.2	B	12.3	

Sunnyvale Ave / California Ave					
12	AM Peak		PM Peak		
	Scenarios	LOS	Delay (sec)	LOS	Delay (sec)
	No-Build	D	46.7	F	155.9
Tunnel	F	124.6	F	182.4	
Bike/Ped UC	C	34.0	F	97.4	

Sunnyvale Ave / Hendy Ave					
13	AM Peak		PM Peak		
	Scenarios	LOS	Delay (sec)	LOS	Delay (sec)
	No-Build	F	174.1	F	234.4
Tunnel	-	-	-	-	
Bike/Ped UC	A	8.9	C	29.7	

LEGEND

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Study Intersection

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Modified Study Intersection

Roadway Modification
(Sunnyvale Tunnel or Closure)

Existing At-Grade Rail Crossing

Rail Alignment



Sunnyvale Ave / Evelyn Ave					
14	AM Peak		PM Peak		
	Scenarios	LOS	Delay (sec)	LOS	Delay (sec)
	No-Build	F	165.5	F	110.3
Tunnel	-	-	-	-	
Bike/Ped UC	F	216.2	C	23.3	

Sunnyvale Ave / Washington Ave					
15	AM Peak		PM Peak		
	Scenarios	LOS	Delay (sec)	LOS	Delay (sec)
	No-Build	F	150.7	F	111.0
Tunnel	F	400.1	F	375.5	
Bike/Ped UC	F	245.9	D	47.6	

Fair Oaks Ave / California Ave					
16	AM Peak		PM Peak		
	Scenarios	LOS	Delay (sec)	LOS	Delay (sec)
	No-Build	D	50.0	F	129.2
Tunnel	D	35.6	F	115.7	
Bike/Ped UC	E	63.0	F	220.7	

Fair Oaks Ave / Kifer Rd					
17	AM Peak		PM Peak		
	Scenarios	LOS	Delay (sec)	LOS	Delay (sec)
	No-Build	D	44.9	F	110.5
Tunnel	B	12.1	F	132.3	
Bike/Ped UC	F	90.5	F	314.4	

Fair Oaks Ave / Evelyn Ave					
18	AM Peak		PM Peak		
	Scenarios	LOS	Delay (sec)	LOS	Delay (sec)
	No-Build	E	74.8	F	82.5
Tunnel	F	95.6	F	110.7	
Bike/Ped UC	F	139.9	F	231.4	

