

APPENDIX A

Senate Bill No. 666

CHAPTER 739

An act to add Section 66412.8 to the Government Code, and to add Section 21080.29 to the Public Resources Code, relating to the environment.

[Approved by Governor October 8, 2003. Filed with Secretary of State October 9, 2003.]

LEGISLATIVE COUNSEL'S DIGEST

SB 666, Bowen. Environment.

The California Environmental Quality Act (CEQA) requires a lead agency, as defined, to prepare, or cause to be prepared, and certify the completion of, an environmental impact report (EIR) on a project that it proposes to carry out or approve that may have a significant effect on the environment, or to adopt a negative declaration if it finds that the project will not have that effect.

This bill would provide that a project located in Los Angeles County that is approved by a public agency before the effective date of the bill is not in violation of any requirement of CEQA or the Subdivision Map Act if certain transportation improvements are not constructed due to the project owner's or developer's relinquishment of easement rights within the coastal zone. The bill would require the relinquishment of easement rights to be in connection with the state acquiring a wetlands project that is a minimum of 400 acres in size and located within the coastal zone.

The bill would also provide that an ordinance or regulation adopted by a charter city or a general law city would not apply to that easement right if the ordinance or regulation requires construction of certain transportation improvements or would otherwise require reprocessing or resubmittal of a permit or approval.

The bill would require the Controller of the State of California to direct the trustee of a specified trust to convey title of the trust estate to the state under certain conditions. The bill would provide that this conveyance supersedes any duty or obligation imposed upon the Controller with respect to the disposition or application of the net proceeds of the trust estate.

The bill would declare that it does not violate the requirements of Section 16 of Article 1V of the California Constitution, in that, due to the unique requirements of the property acquired by the state pursuant to the bill, a law of a general nature cannot be made applicable.

The bill would provide that it would not become operative unless Assembly Bill 859 is enacted and takes effect on or before January 1, 2004.

The people of the State of California do enact as follows:

SECTION 1. Section 66412.8 is added to the Government Code, to read:

66412.8. (a) A project located in Los Angeles County that is approved by a public agency before the effective date of the act adding this section is not in violation of any requirement of this division by reason of the failure to construct a roadway across the property transferred to the state pursuant to subdivision (c) of Section 21080.29 of the Public Resources Code and to construct a bridge over the adjacent Ballona Channel in Los Angeles County, otherwise required as a condition of approval of a vesting tentative map or a tentative map, if all of the following conditions apply:

(1) The improvements specified in subdivision (a) are not constructed, due in whole or in part, to the project owner's or developer's relinquishment of easement rights to construct the improvements.

(2) The easement rights specified in paragraph (1) are relinquished in connection with the acquisition by the State of California, acting by and through the Wildlife Conservation Board of the Department of Fish and Game, of a wetlands project that is a minimum of 400 acres in size and located in the coastal zone.

(b) Where the easement rights have been relinquished, any municipal ordinance or regulation adopted by a charter city or a general law city shall be inapplicable to the extent that the ordinance or regulation requires construction of the transportation improvements specified in subdivision (a), or would otherwise require reprocessing or resubmittal of a permit or approval, including, but not limited to, a final recorded map, a vesting tentative map, or a tentative map, as a result of the transportation improvements specified in subdivision (a) not being constructed.

SEC. 2. Section 21080.29 is added to the Public Resources Code, to read:

21080.29. (a) A project located in Los Angeles County that is approved by a public agency before the effective date of the act adding this section is not in violation of any requirement of this division by reason of the failure to construct a roadway across the property transferred to the state pursuant to subdivision (c) and to construct a bridge over the adjacent Ballona Channel in Los Angeles County,

otherwise required as a mitigation measure pursuant to this division, if all of the following conditions apply:

(1) The improvements specified in this subdivision are not constructed, due in whole or in part, to the project owner's or developer's relinquishment of easement rights to construct those improvements.

(2) The easement rights in paragraph (1) are relinquished in connection with the State of California, acting by and through the Wildlife Conservation Board of the Department of Fish and Game, acquiring a wetlands project that is a minimum of 400 acres in size and located within the coastal zone.

(b) Where those easement rights have been relinquished, any municipal ordinance or regulation adopted by a charter city or a general law city shall be inapplicable to the extent that the ordinance or regulation requires construction of the transportation improvements specified in subdivision (a), or would otherwise require reprocessing or resubmittal of a permit or approval, including, but not limited to, a final recorded map, a vesting tentative map, or a tentative map, as a result of the transportation improvements specified in subdivision (a) not being constructed.

(c) (1) If the Wildlife Conservation Board of the Department of Fish and Game acquires property within the coastal zone that is a minimum of 400 acres in size pursuant to a purchase and sale agreement with Playa Capital Company, LLC, the Controller shall direct the trustee under the Amendment to Declaration of Trust entered into on or about December 11, 1984, by First Nationwide Savings, as trustee, Summa Corporation, as trustor, and the Controller, as beneficiary, known as the HRH Inheritance Tax Security Trust, to convey title to the trust estate of the trust, including real property commonly known as Playa Vista Area C, to the State of California acting by and through the Wildlife Conservation Board of the Department of Fish and Game for conservation, restoration, or recreation purposes only, with the right to transfer the property for those uses to any other agency of the State of California.

(2) This subdivision shall constitute the enabling legislation required by the Amendment to Declaration of Trust to empower the Controller to direct the trustee to convey title to the trust estate under the HRH Inheritance Tax Security Trust to the State of California or an agency thereof.

(3) The conveyance of the trust estate to the Wildlife Conservation Board pursuant to this subdivision shall supersede any duty or obligation imposed upon the Controller under the Probate Code or the Revenue and Taxation Code with respect to the disposition or application of the net proceeds of the trust estate.

SEC. 3. This bill does not violate the requirements of Section 16 of Article 4 of the California Constitution, in that, due to the unique requirements of the property acquired by the state pursuant to this act, a law of a general nature cannot be made applicable. The Legislature acknowledges that easement rights for the construction of certain transportation improvements required as a mitigation measure and condition of approval for an adjacent development project currently burden the property to which the state will get title, and construction of those improvements is inconsistent with the state's interest in the preservation of the property.

SEC. 4. This act shall not become operative unless Assembly Bill 859 is enacted and takes effect on or before January 1, 2004.

Assembly Bill No. 859

CHAPTER 761

An act relating to wetlands, and making an appropriation therefor.

[Approved by Governor October 10, 2003. Filed
with Secretary of State October 11, 2003.]

LEGISLATIVE COUNSEL'S DIGEST

AB 859, Nakano. Ballona Wetlands.

The Safe Neighborhood Parks, Clean Water, Clean Air, and Coastal Protection (Villaraigosa-Keeley Act) Bond Fund allocates \$220,400,000 to the State Coastal Conservancy, including \$25,000,000 to acquire, protect, and restore specified wetlands projects.

This bill would reappropriate \$25,000,000, appropriated in the Budget Act of 2000 from that fund to the State Coastal Conservancy for the Ballona Wetlands, to the State Coastal Conservancy to acquire, protect, and restore the Ballona Wetlands, as specified.

The bill would provide that it would not become operative unless an SB 666 is enacted and takes effect on or before January 1, 2004.

Appropriation: yes.

The people of the State of California do enact as follows:

SECTION 1. The sum of twenty-five million dollars (\$25,000,000), appropriated in Item 3760-302-0005 (subparagraph (B) of Schedule 2) of Section 2.00 of the Budget Act of 2000 (Chapter 52, Statutes of 2000) from the Safe Neighborhood Parks, Clean Water, Clean Air, and Coastal Protection (Villaraigosa-Keeley Act) Bond Fund (Chapter 1.692 (commencing with Section 5096.300) of Division 5 of the Public Resources Code) to the State Coastal Conservancy for the Ballona Wetlands, is hereby reappropriated to the State Coastal Conservancy to acquire, protect, and restore the Ballona Wetlands in accordance with subdivision (f) of Section 5096.352 of the Public Resources Code.

SEC. 2. This act shall not become operative unless Senate Bill 666 is enacted and takes effect on or before January 1, 2004.

APPENDIX B

ATTACHMENT B INTERSECTION LANE CONFIGURATIONS

RAJU ASSOCIATES, INC.

INT	STREET	EXISTING 2006	FUTURE 2010	FUTUTRE 2010 W/IMPROVEMENT
1	N/S: SEPULVEDA BL E/W: JEFFERSON BL/PLAYA ST			
2	N/S: SEPULVEDA BL E/W: SLAUSON AV			
3	N/S: SEPULVEDA BL E/W: FOX HILL MALL DWY			
4	N/S: SEPULVEDA BL E/W: GREEN VALLEY CIRCLE			

APPENDIX C

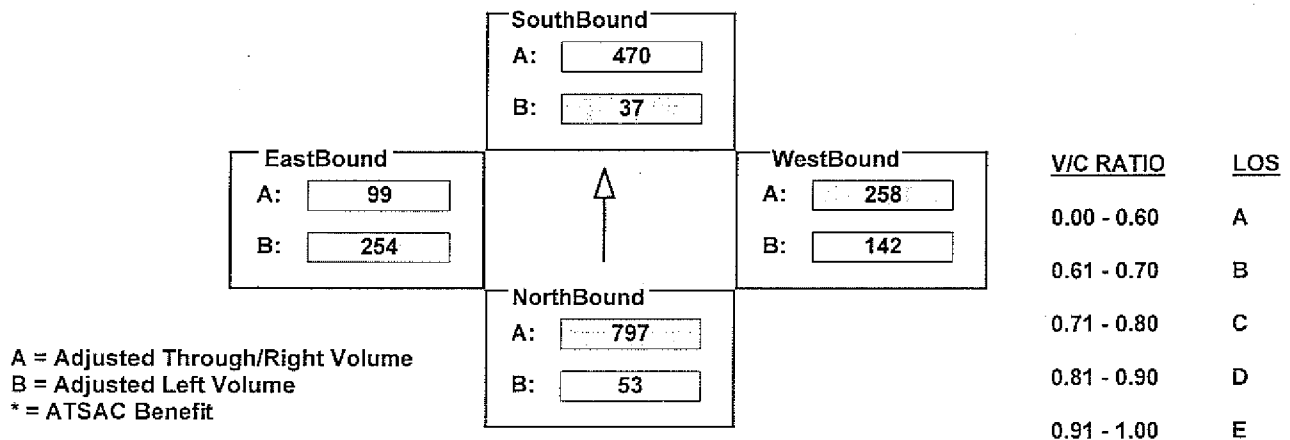
INTERSECTION DATA SUMMARY SHEET

N/S: SEPULVEDA BLVD W/E: PLAYA ST/JEFFERSON BLVD I/S No: 99252
 AM/PM: **AM** Comments: EXISTING (2006) CONDITIONS
 COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	53	2164	228	37	939	631	258	371	258	462	183	14
AMBIENT												
RELATED												
PROJECT												
TOTAL	53	2164	228	37	939	631	258	371	258	462	183	14
LANE	1 0 2 0 1 0 0	1 0 2 0 0 2 0	2 0 2 0 1 0 0	2 0 1 0 1 0 0								
	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR		
SIGNAL	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto		

Critical Movements Diagram



Results

North/South Critical Movements = A(N/B) + B(S/B)

West/East Critical Movements = A(W/B) + B(E/B)

$$V/C = \frac{797 + 37 + 258 + 254}{*1375} = 0.909$$

LOS = E

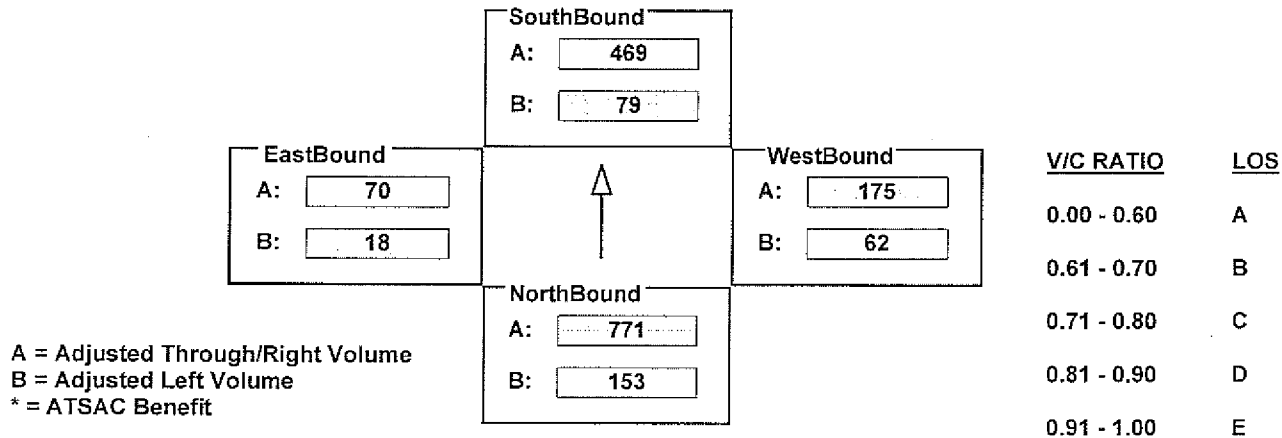
INTERSECTION DATA SUMMARY SHEET

N/S: SEPULVEDA BLVD W/E: SLAUSON AVE I/S No: 99268
 AM/PM: **AM** Comments: EXISTING (2006) CONDITIONS
 COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	278	2247	67	143	903	34	113	350	212	18	140	66
AMBIENT												
RELATED												
PROJECT												
TOTAL	278	2247	67	143	903	34	113	350	212	18	140	66
LANE	2 0 2 0 1 0 0	2 0 1 0 1 0 0	2 0 2 0 0 1 0	1 0 2 0 0 1 0								
	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR		
SIGNAL	Prot-Fix	Auto	Prot-Fix	Auto	Prot-Fix	Auto	Prot-Fix	Auto	Prot-Fix	Auto		

Critical Movements Diagram



Results

North/South Critical Movements = A(N/B) + B(S/B)

West/East Critical Movements = A(W/B) + B(E/B)

$$V/C = \frac{771 + 79 + 175 + 18}{*1375} = 0.689$$

LOS = B

2006AM

CalcaDB

September 25, 2006 ,Monday 05:44:22 PM

INTERSECTION DATA SUMMARY SHEET

N/S: W/E: I/S No:

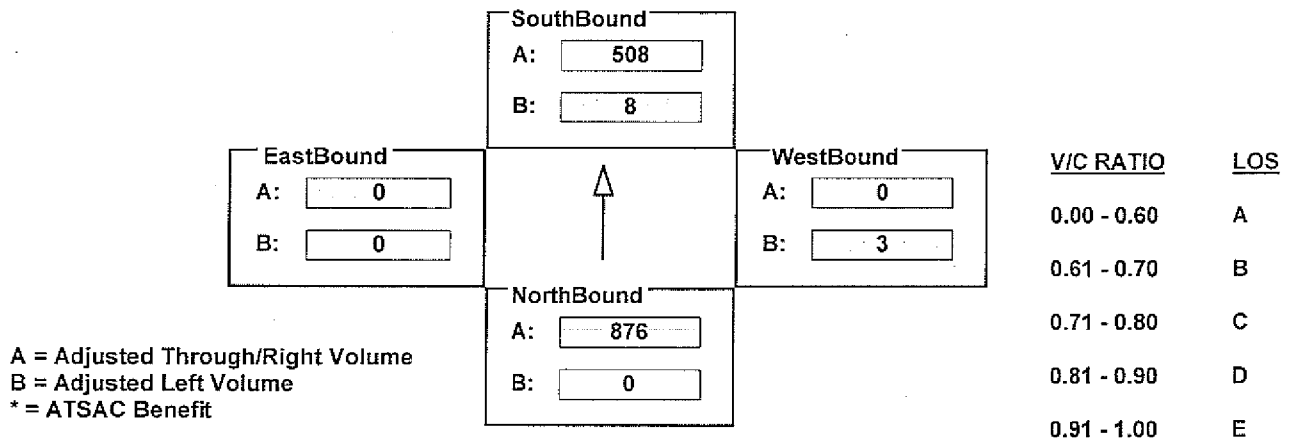
AM/PM: Comments:

COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	0	2621	6	15	1015	0	3	0	2	0	0	0
AMBIENT												
RELATED												
PROJECT												
TOTAL	0	2621	6	15	1015	0	3	0	2	0	0	0
LANE	 0	 0	 2	 0	 1	 0	 0	 2	 0	 0	 0	 0
SIGNAL	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR
	Perm		Auto	Prot-Fix		<none>	Split		Auto	<none>		<none>

Critical Movements Diagram



Results

North/South Critical Movements = A(N/B) + B(S/B)

West/East Critical Movements = B(W/B) + A(E/B)

$$V/C = \frac{876 + 8 + 3 + 0}{*1425} = 0.552$$

LOS = A

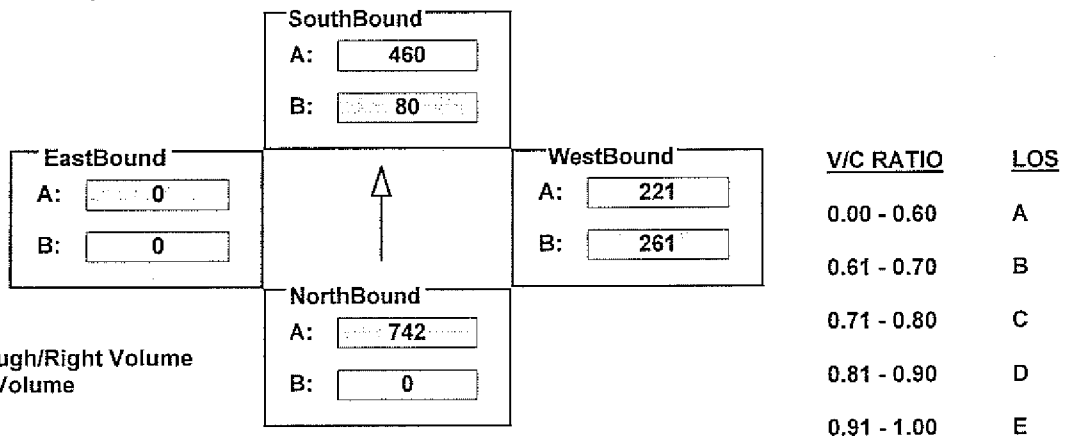
INTERSECTION DATA SUMMARY SHEET

N/S: **SEPULVEDA BLVD** W/E: **GREEN VALLEY CIRCLE** I/S No: **99228**
 AM/PM: **AM** Comments: **EXISTING (2006) CONDITIONS**
 COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	0	2225	154	146	919	0	354	0	428	0	0	0
AMBIENT												
RELATED												
PROJECT												
TOTAL	0	2225	154	146	919	0	354	0	428	0	0	0
LANE	0 0 3 0 0 1 0	2 0 2 0 0 0 0	1 0 0 0 0 1 1	0 0 0 0 0 0 0								
	Phasing			Phasing			Phasing			Phasing		
SIGNAL	Perm			Prot-Fix			Split			<none>		
	RTOR			RTOR			RTOR			RTOR		
	Auto			<none>			Auto			<none>		

Critical Movements Diagram



Results

North/South Critical Movements = A(N/B) + B(S/B)

West/East Critical Movements = B(W/B) + A(E/B)

$$V/C = \frac{742 + 80 + 261 + 0}{*1425} = 0.690$$

LOS = B

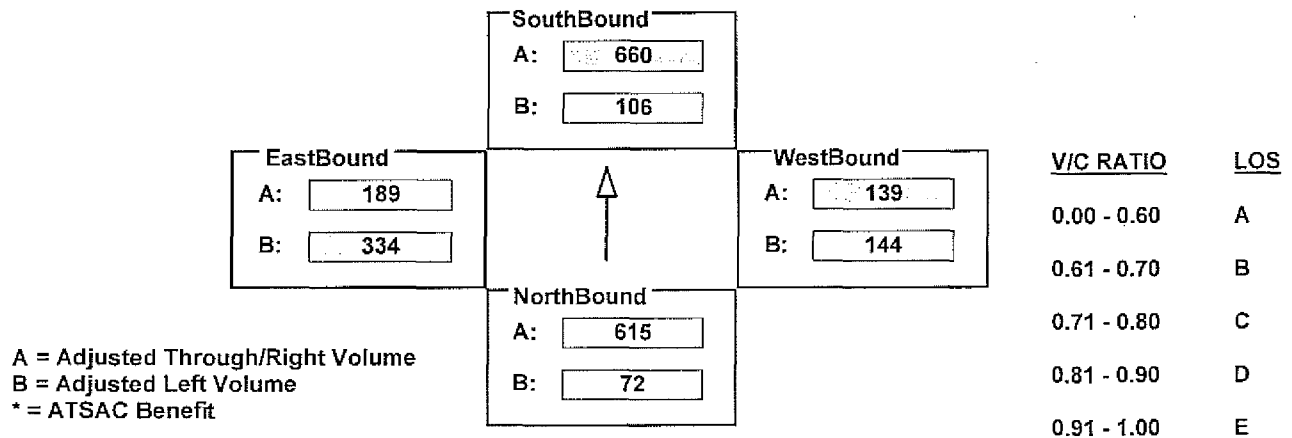
INTERSECTION DATA SUMMARY SHEET

N/S: **SEPULVEDA BLVD** W/E: **PLAYA ST/JEFFERSON BLVD** I/S No: **99252**
 AM/PM: **PM** Comments: **EXISTING (2006) CONDITIONS**
 COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	72	1626	218	106	1319	443	262	284	133	608	362	15
AMBIENT												
RELATED												
PROJECT												
TOTAL	72	1626	218	106	1319	443	262	284	133	608	362	15
LANE	1 0 2 0 1 0 0	1 0 2 0 0 2 0	2 0 2 0 1 0 0	2 0 1 0 1 0 0								
	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR		
SIGNAL	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto		

Critical Movements Diagram



Results

North/South Critical Movements = B(N/B) + A(S/B)

West/East Critical Movements = A(W/B) + B(E/B)

$$V/C = \frac{72 + 660 + 139 + 334}{*1375} = 0.806$$

LOS = D

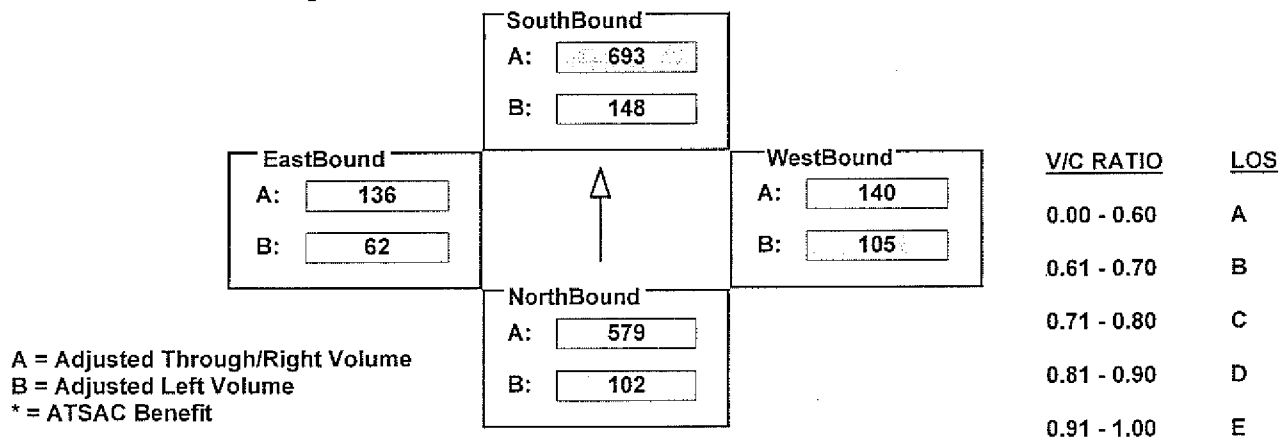
INTERSECTION DATA SUMMARY SHEET

N/S: **SEPULVEDA BLVD** W/E: **SLAUSON AVE** I/S No: **99268**
 AM/PM: **PM** Comments: **EXISTING (2006) CONDITIONS**
 COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	185	1639	97	269	1370	15	191	280	164	62	272	113
AMBIENT												
RELATED												
PROJECT												
TOTAL	185	1639	97	269	1370	15	191	280	164	62	272	113
LANE	2 0 2 0 1 0 0	2 0 1 0 1 0 0	2 0 2 0 0 1 0	1 0 2 0 0 1 0								
	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR		
SIGNAL	Prot-Fix	Auto	Prot-Fix	Auto	Prot-Fix	Auto	Prot-Fix	Auto	Prot-Fix	Auto		

Critical Movements Diagram



Results

North/South Critical Movements = B(N/B) + A(S/B)

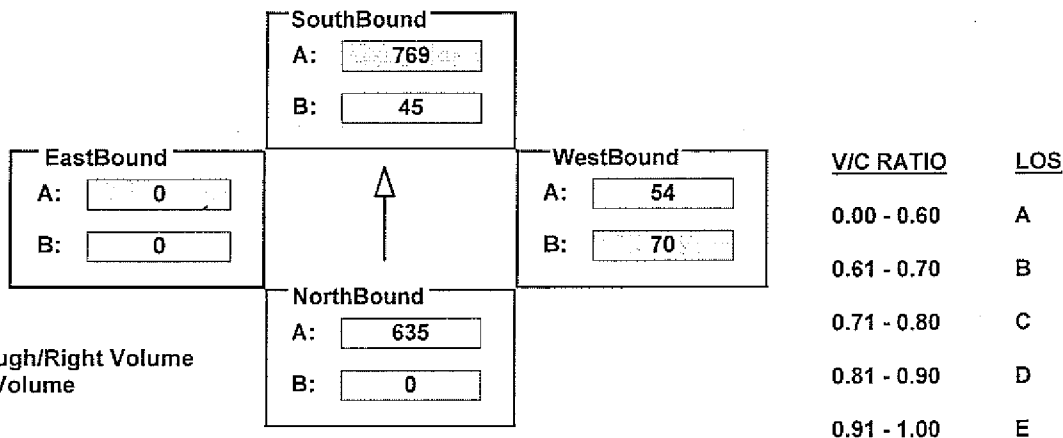
West/East Critical Movements = B(W/B) + A(E/B)

$$V/C = \frac{102 + 693 + 105 + 136}{*1375} = 0.683$$

LOS = B

N/S: SEPULVEDA BLVD W/E: FOX HILLS MALL DWY I/S No:
AM/PM: PM Comments: EXISTING (2006) CONDITIONS
COUNT DATE: STUDY DATE: GROWTH FACTOR:

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	0	1833	73	81	1538	0	70	0	76	0	0	0
AMBIENT												
RELATED												
PROJECT												
TOTAL	0	1833	73	81	1538	0	70	0	76	0	0	0
LANE	     	     	     	     								
	0	0	2	0	1	0	0	2	0	2	0	0
SIGNAL	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR
	Perm		Auto	Prot-Fix		<none>	Split		Auto	<none>		<none>



$$V/C = \frac{0 + 769 + 70 + 0}{*1425} = 0.519 \quad \text{LOS} = A$$

INTERSECTION DATA SUMMARY SHEET

N/S: W/E: I/S No:
 AM/PM: Comments:
 COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	0	1779	230	133	1451	0	424	0	112	0	0	0
AMBIENT												
RELATED												
PROJECT												
TOTAL	0	1779	230	133	1451	0	424	0	112	0	0	0
LANE												
	0 0 3	0 0 1	0	2 0 2	0 0 0	0	1 0 0	0 0 0	1 1	0 0 0	0 0 0	0
SIGNAL	Phasing Perm		RTOR Auto	Phasing Prot-Fix		RTOR <none>	Phasing Split		RTOR Auto	Phasing <none>		RTOR <none>

Critical Movements Diagram

EastBound A: 0 B: 0 SouthBound A: 726 B: 73 WestBound A: 75 B: 233		V/C RATIO	LOS
Left/Through/Right Volume Volume	↑ NorthBound A: 593 B: 0	0.00 - 0.60	A
		0.61 - 0.70	B
		0.71 - 0.80	C
		0.81 - 0.90	D
		0.91 - 1.00	E

Results

$$\text{North/South Critical Movements} = B(N/B) + A(S/B)$$

$$\text{West/East Critical Movements} = B(W/B) + A(E/B)$$

$$V/C = \frac{0 + 726 + 233 + 0}{*1425} = 0.603$$

LOS = B

APPENDIX D

INTERSECTION DATA SUMMARY SHEET

N/S: W/E: I/S No:

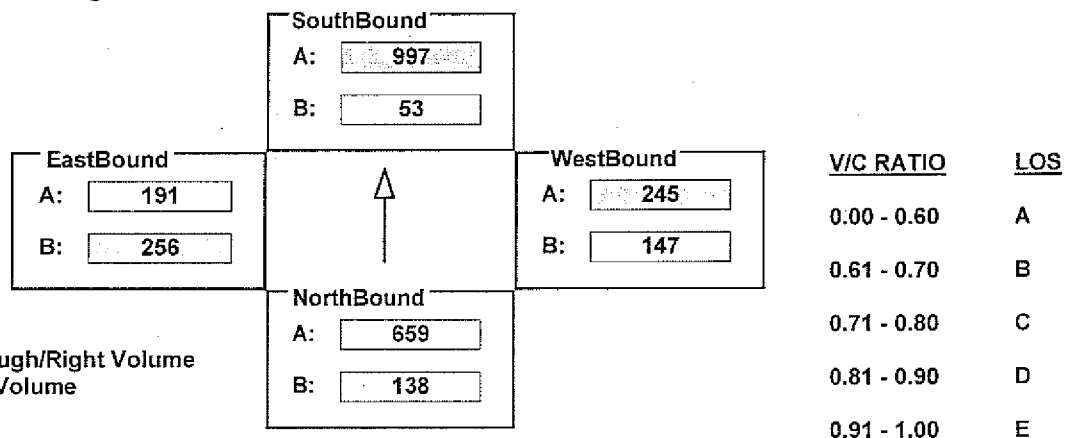
AM/PM: Comments:

COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	138	1624	352	53	1994	773	268	376	245	465	370	12
AMBIENT												
RELATED												
PROJECT												
TOTAL	138	1624	352	53	1994	773	268	376	245	465	370	12
LANE	1 0 2 0 1 0 0	1 0 2 0 0 2 0	2 0 2 0 1 0 0	2 0 1 0 1 0 0								
	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR		
SIGNAL	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto		

Critical Movements Diagram



Results

North/South Critical Movements = B(N/B) + A(S/B)

West/East Critical Movements = A(W/B) + B(E/B)

$$V/C = \frac{138 + 997 + 245 + 256}{*1375} = 1.120$$

LOS = F

INTERSECTION DATA SUMMARY SHEET

N/S: SEPULVEDA BL

W/E: SLAUSON AV

I/S No: 99268

AM/PM: AM

Comments: FUTURE 2010 CONDITIONS

COUNT DATE:

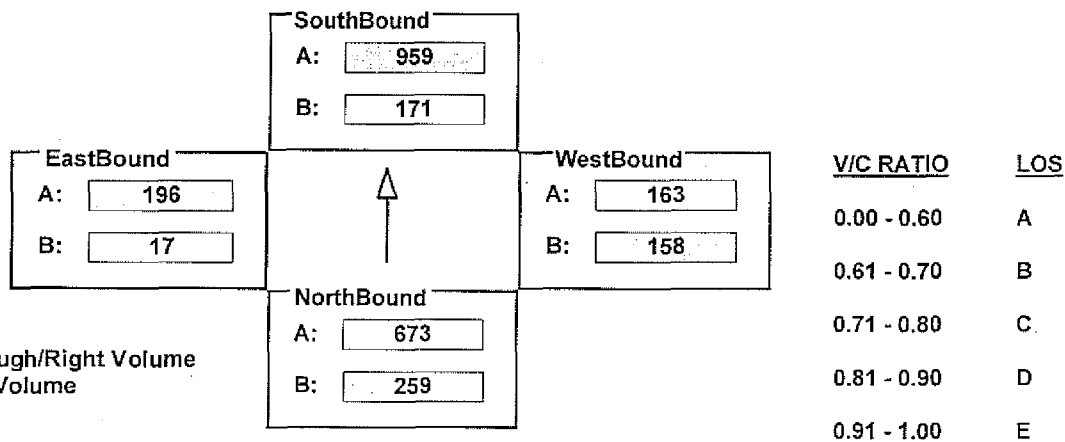
STUDY DATE:

GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	471	1921	99	310	1873	44	287	325	170	17	391	69
AMBIENT												
RELATED												
PROJECT												
TOTAL	471	1921	99	310	1873	44	287	325	170	17	391	69
LANE	2 0 2 0 1 0 0	2 0 1 0 1 0 0	2 0 2 0 0 1 0	1 0 2 0 0 1 0								
	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR		
SIGNAL	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto		

Critical Movements Diagram



A = Adjusted Through/Right Volume
 B = Adjusted Left Volume
 * = ATSAC Benefit

Results

North/South Critical Movements = B(N/B) + A(S/B)

West/East Critical Movements = B(W/B) + A(E/B)

$$V/C = \frac{259 + 959 + 158 + 196}{*1375} = 1.073$$

LOS = F

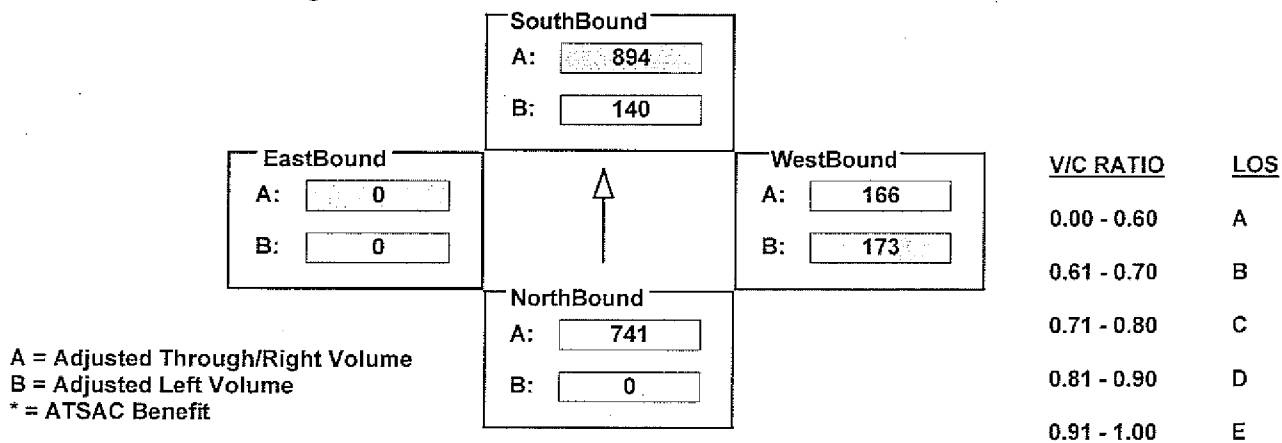
INTERSECTION DATA SUMMARY SHEET

N/S: W/E: I/S No:
 AM/PM: Comments:
 COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	0	2222	205	255	1788	0	173	0	429	0	0	0
AMBIENT												
RELATED												
PROJECT												
TOTAL	0	2222	205	255	1788	0	173	0	429	0	0	0
LANE												
SIGNAL	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR
	Perm		Auto	Prot-Fix		<none>	Split		Auto	<none>		<none>

Critical Movements Diagram



A = Adjusted Through/Right Volume
B = Adjusted Left Volume
* = ATSAC Benefit

Results

$$\text{North/South Critical Movements} = B(N/B) + A(S/B)$$

$$\text{West/East Critical Movements} = B(W/B) + A(E/B)$$

$$VIC = \frac{0 + 894 + 173 + 0}{*1425} = 0.679$$

LOS = B

20PMPROJ

CalcaDB

September 25, 2006 ,Monday 05:46:35 PM

INTERSECTION DATA SUMMARY SHEET

N/S: SEPULVEDA BL

W/E: PLAYA ST/JEFFERSON BL

I/S No: 99252

AM/PM: PM

Comments: FUTURE 2010 CONDITIONS

COUNT DATE:

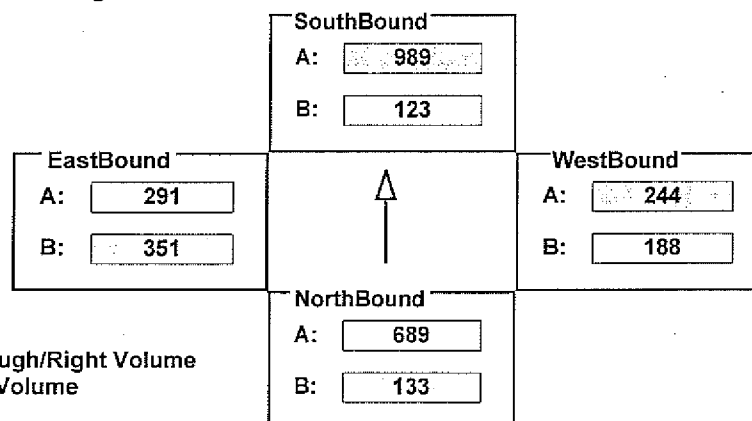
STUDY DATE:

GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	133	1742	324	123	1978	664	341	446	244	638	549	32
AMBIENT												
RELATED												
PROJECT												
TOTAL	133	1742	324	123	1978	664	341	446	244	638	549	32
LANE	1 0 2 0 1 0 0	1 0 2 0 0 2 0	2 0 2 0 1 0 0	2 0 1 0 1 0 0								
	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR		
SIGNAL	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto		

Critical Movements Diagram



A = Adjusted Through/Right Volume
B = Adjusted Left Volume
* = ATISAC Benefit

V/C RATIO	LOS
0.00 - 0.60	A
0.61 - 0.70	B
0.71 - 0.80	C
0.81 - 0.90	D
0.91 - 1.00	E

Results

North/South Critical Movements = B(N/B) + A(S/B)

West/East Critical Movements = A(W/B) + B(E/B)

$$V/C = \frac{133 + 989 + 244 + 351}{*1375} = 1.179$$

LOS = F

INTERSECTION DATA SUMMARY SHEET

N/S: W/E: I/S No:

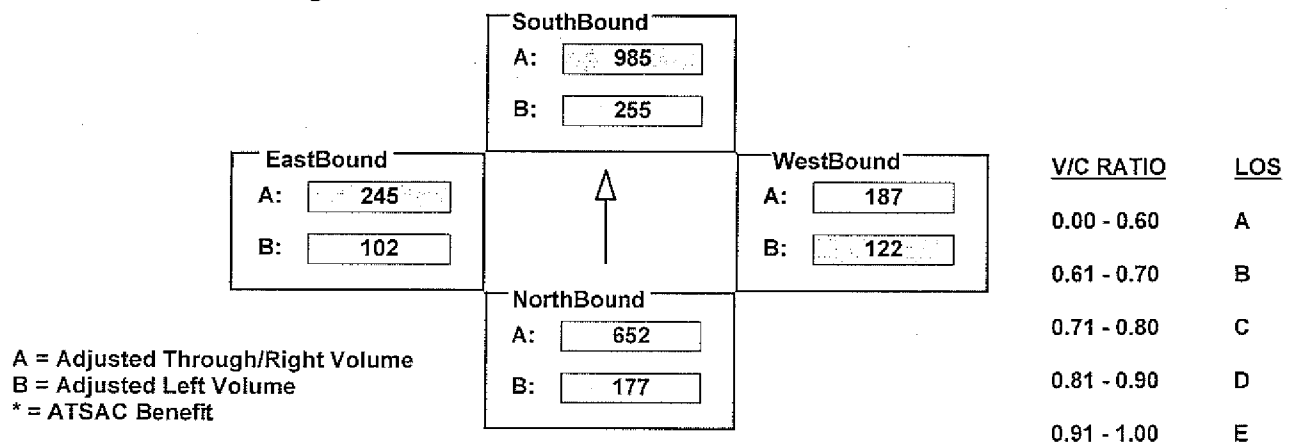
AM/PM: Comments:

COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	322	1899	56	463	1903	67	221	373	271	102	489	221
AMBIENT												
RELATED												
PROJECT												
TOTAL	322	1899	56	463	1903	67	221	373	271	102	489	221
LANE	2 0 2 0 1 0 0	2 0 1 0 1 0 0	2 0 2 0 0 1 0	1 0 2 0 0 1 0								
	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR		
SIGNAL	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto		

Critical Movements Diagram



Results

North/South Critical Movements = B(N/B) + A(S/B)

West/East Critical Movements = B(W/B) + A(E/B)

$$V/C = \frac{177 + 985 + 122 + 245}{*1375} = 1.042$$

LOS = F

INTERSECTION DATA SUMMARY SHEET

N/S: SEPULVEDA BLVD W/E: FOX HILLS MALL DWY I/S No:

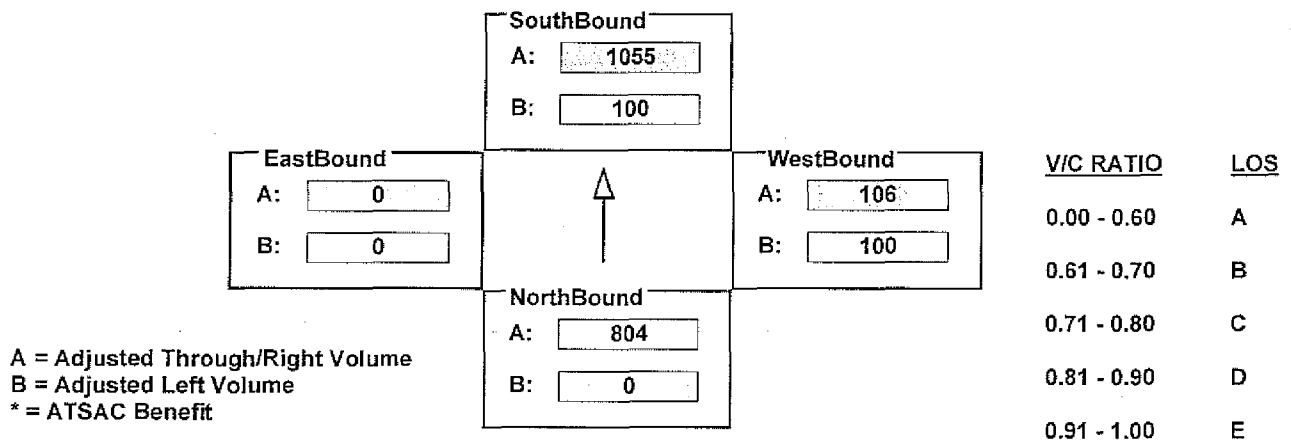
AM/PM: **PM** Comments: FUTURE 2010 CONDITIONS

COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND																				
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT																		
EXISTING	0	2263	148	181	2110	0	100	0	106	0	0	0																		
AMBIENT																														
RELATED																														
PROJECT																														
TOTAL	0	2263	148	181	2110	0	100	0	106	0	0	0																		
LANE	 0	 0	 2	 0	 1	 0	 0	 2	 0	 2	 0	 0	 0	 0	 1	 0	 0	 0	 0	 0	 1	 0	 0	 0	 0	 0	 0	 0	 0	 0
SIGNAL	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR																		
	Perm		Auto	Prot-Fix		<none>	Split		<none>	<none>		<none>																		

Critical Movements Diagram



Results

$$\text{North/South Critical Movements} = B(N/B) + A(S/B)$$

$$\text{West/East Critical Movements} = A(W/B) + A(E/B)$$

$$V/C = \frac{0 + 1055 + 106 + 0}{*1425} = 0.745 \quad \text{LOS} = C$$

INTERSECTION DATA SUMMARY SHEET

N/S: W/E: I/S No:

AM/PM: Comments:

COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND													
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT											
EXISTING	0	2144	253	211	1898	0	351	0	267	0	0	0											
AMBIENT																							
RELATED																							
PROJECT																							
TOTAL	0	2144	253	211	1898	0	351	0	267	0	0	0											
LANE																							
	0	0	3	0	0	1	0	2	0	2	0	0	0	0	0	1	1	0	0	0	0	0	0
SIGNAL	Phasing		RTOR		Phasing		RTOR		Phasing		RTOR		Phasing		RTOR								
	Perm		Auto		Prot-Fix		<none>		Split		Auto		<none>		<none>								

Critical Movements Diagram

SouthBound			WestBound		<u>V/C RATIO</u> 0.00 - 0.60 0.61 - 0.70 0.71 - 0.80 0.81 - 0.90 0.91 - 1.00	<u>LOS</u> A B C D E
A: 949	B: 116		A: 148	B: 206		
EastBound			NorthBound			
A: 0			A: 715			
B: 0			B: 0			

Results

$$\text{North/South Critical Movements} = B(N/B) + A(S/B)$$

$$\text{West/East Critical Movements} = B(W/B) + A(E/B)$$

$$VIC = \frac{0 + 949 + 206 + 0}{*1425} = 0.741 \quad \text{LOS} = C$$

APPENDIX E

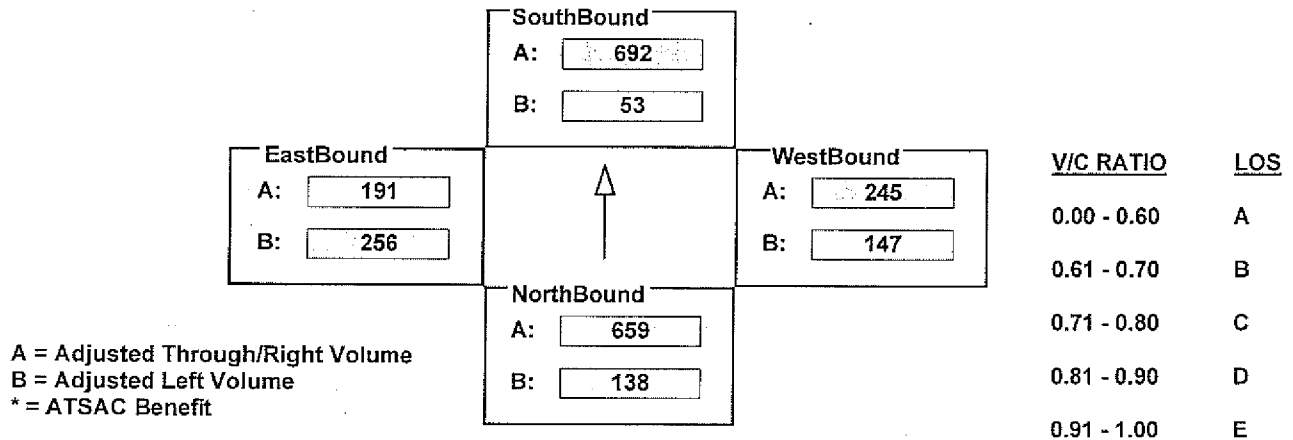
INTERSECTION DATA SUMMARY SHEET

N/S: **SEPULVEDA BL** W/E: **PLAYA ST/JEFFERSON BL** I/S No: **99252**
 AM/PM: **AM** Comments: **FUTURE 2010 W/IMPROVEMENT**
 COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	138	1624	352	53	1994	773	268	376	245	465	370	12
AMBIENT												
RELATED												
PROJECT												
TOTAL	138	1624	352	53	1994	773	268	376	245	465	370	12
LANE	1 0 2 0 1 0 0	1 0 2 0 1 1 0	2 0 2 0 1 0 0	2 0 1 0 1 0 0								
	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR		
SIGNAL	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto		

Critical Movements Diagram



Results

$$\text{North/South Critical Movements} = B(N/B) + A(S/B)$$

$$\text{West/East Critical Movements} = A(W/B) + B(E/B)$$

$$V/C = \frac{138 + 692 + 245 + 256}{*1375} = 0.898$$

$$LOS = D$$

INTERSECTION DATA SUMMARY SHEET

N/S: W/E: I/S No:

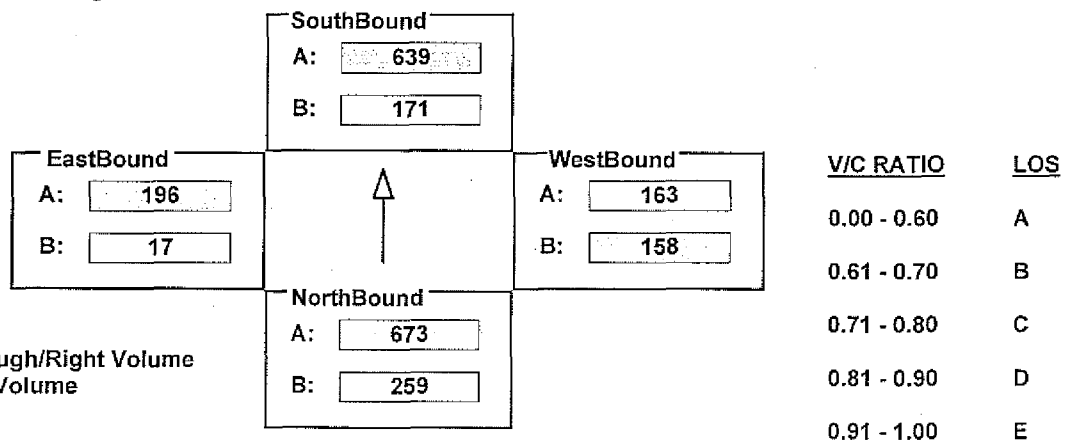
AM/PM: Comments:

COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND				
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT		
EXISTING	471	1921	99	310	1873	44	287	325	170	17	391	69		
AMBIENT														
RELATED														
PROJECT														
TOTAL	471	1921	99	310	1873	44	287	325	170	17	391	69		
LANE	 	 	 	 	 	 	 	 	 	 	 	 	 	
	2	0	2	0	1	0	0	2	0	2	0	0	1	0
SIGNAL	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR		
	Prot-Var		Auto	Prot-Var		Auto	Prot-Var		Auto	Prot-Var		Auto		

Critical Movements Diagram



A = Adjusted Through/Right Volume
 B = Adjusted Left Volume
 * = ATSAC Benefit

Results

$$\text{North/South Critical Movements} = B(N/B) + A(S/B)$$

$$\text{West/East Critical Movements} = B(W/B) + A(E/B)$$

$$V/C = \frac{259 + 639 + 158 + 196}{*1375} = 0.841$$

$$LOS = D$$

INTERSECTION DATA SUMMARY SHEET

N/S: SEPULVEDA BLVD W/E: FOX HILLS MALL DWY I/S No:

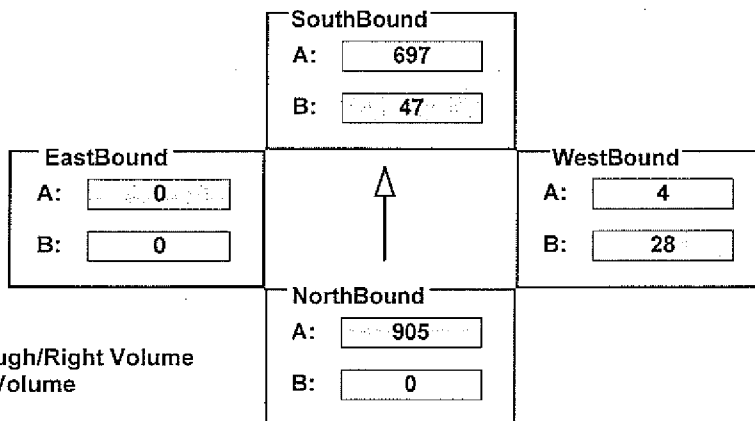
AM/PM: **AM** Comments: FUTURE 2010 W/IMPROVEMENT

COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND													
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT											
EXISTING	0	2659	56	85	2092	0	28	0	27	0	0	0											
AMBIENT																							
RELATED																							
PROJECT																							
TOTAL	0	2659	56	85	2092	0	28	0	27	0	0	0											
LANE	      	      	      	      																			
	0	0	2	0	1	0	0	2	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0
SIGNAL	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR								
	Perm		Auto	Prot-Fix		<none>	Split		Auto	<none>		<none>											

Critical Movements Diagram



A = Adjusted Through/Right Volume
B = Adjusted Left Volume
* = ATSAC Benefit

V/C RATIO	LOS
0.00 - 0.60	A
0.61 - 0.70	B
0.71 - 0.80	C
0.81 - 0.90	D
0.91 - 1.00	E

Results

North/South Critical Movements = A(N/B) + B(S/B)

West/East Critical Movements = B(W/B) + A(E/B)

$$V/C = \frac{905 + 47 + 28 + 0}{*1425} = 0.618$$

LOS = B

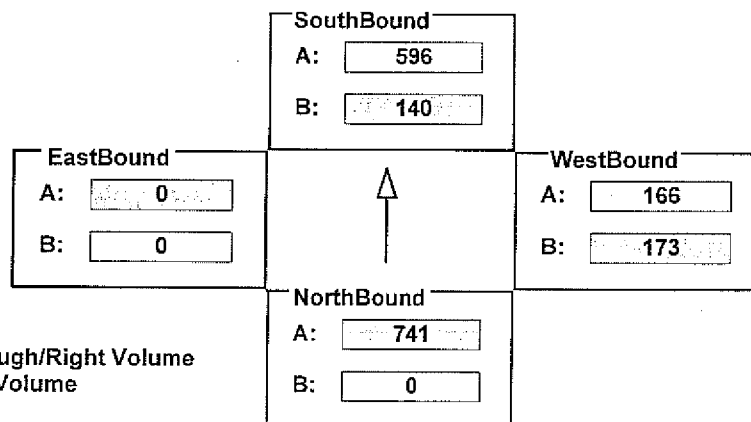
INTERSECTION DATA SUMMARY SHEET

N/S: W/E: I/S No:
AM/PM: Comments:
COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND												
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT										
EXISTING	0	2222	205	255	1788	0	173	0	429	0	0	0										
AMBIENT																						
RELATED																						
PROJECT																						
TOTAL	0	2222	205	255	1788	0	173	0	429	0	0	0										
LANE	       			       			       			     												
	0	0	3	0	0	1	0	2	0	3	0	0	0	0	1	1	0	0	0	0	0	0
SIGNAL	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR							
	Perm		Auto	Prot-Fix		<none>	Split		Auto	<none>		<none>	<none>		<none>							

Critical Movements Diagram



<u>V/C RATIO</u>	<u>LOS</u>
0.00 - 0.60	A
0.61 - 0.70	B
0.71 - 0.80	C
0.81 - 0.90	D
0.91 - 1.00	E

Results

$$\text{North/South Critical Movements} = A(N/B) + B(S/B)$$

West/East Critical Movements = B(W/B) + A(E/B)

$$VIC = \frac{741 - + 140 + 173 + 0}{*1425} = 0.670$$

LOS = B

INTERSECTION DATA SUMMARY SHEET

N/S: W/E: I/S No:

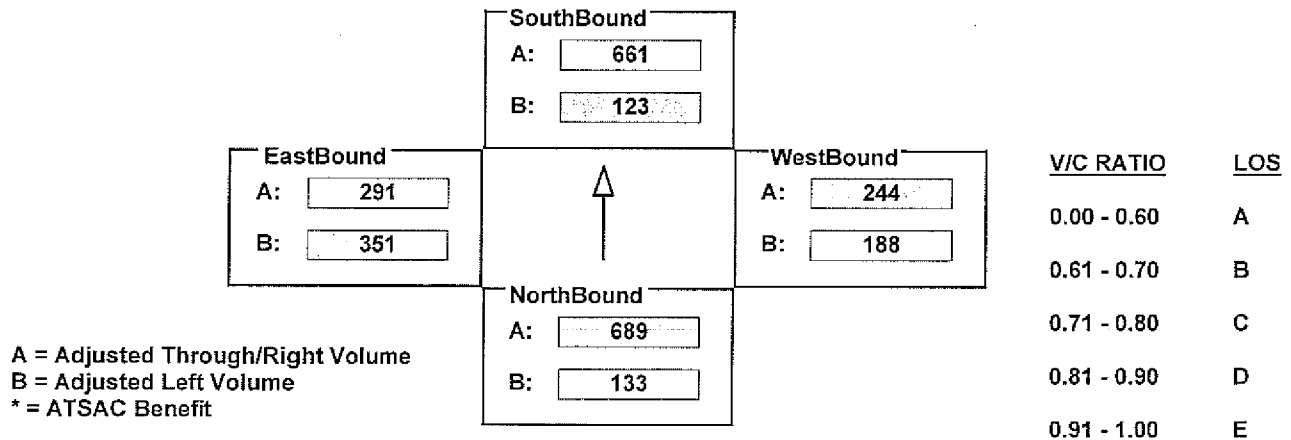
AM/PM: **PM** Comments:

COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	133	1742	324	123	1978	664	341	446	244	638	549	32
AMBIENT												
RELATED												
PROJECT												
TOTAL	133	1742	324	123	1978	664	341	446	244	638	549	32
LANE	1 0 2 0 1 0 0	1 0 2 0 1 1 0	2 0 2 0 1 0 0	2 0 1 0 1 0 0								
	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR	Phasing	RTOR		
SIGNAL	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto	Prot-Var	Auto		

Critical Movements Diagram



Results

North/South Critical Movements = A(N/B) + B(S/B)

West/East Critical Movements = A(W/B) + B(E/B)

$$V/C = \frac{689 + 123 + 244 + 351}{*1375} = 0.953$$

LOS = E

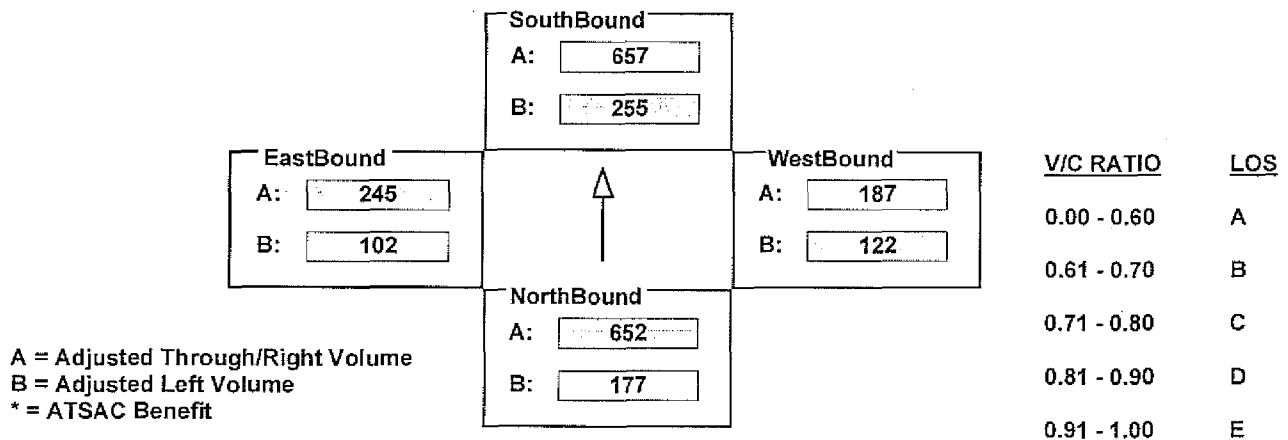
INTERSECTION DATA SUMMARY SHEET

N/S: **SEPULVEDA BL** W/E: **SLAUSON AV** I/S No: **99268**
 AM/PM: **PM** Comments: **FUTURE 2010 W/IMPROVEMENT**
 COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	322	1899	56	463	1903	67	221	373	271	102	489	221
AMBIENT												
RELATED												
PROJECT												
TOTAL	322	1899	56	463	1903	67	221	373	271	102	489	221
LANE	2 0 2 0 1 0 0	2 0 2 0 1 0 0	2 0 2 0 0 1 0	1 0 2 0 0 1 0								
SIGNAL	Phasing Prot-Var	RTOR Auto	Phasing Prot-Var	RTOR Auto	Phasing Prot-Var	RTOR Auto	Phasing Prot-Var	RTOR Auto	Phasing Prot-Var	RTOR Auto	Phasing Prot-Var	RTOR Auto

Critical Movements Diagram



Results

North/South Critical Movements = A(N/B) + B(S/B)

West/East Critical Movements = B(W/B) + A(E/B)

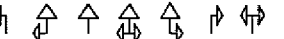
$$V/C = \frac{652 + 255 + 122 + 245}{*1375} = 0.857$$

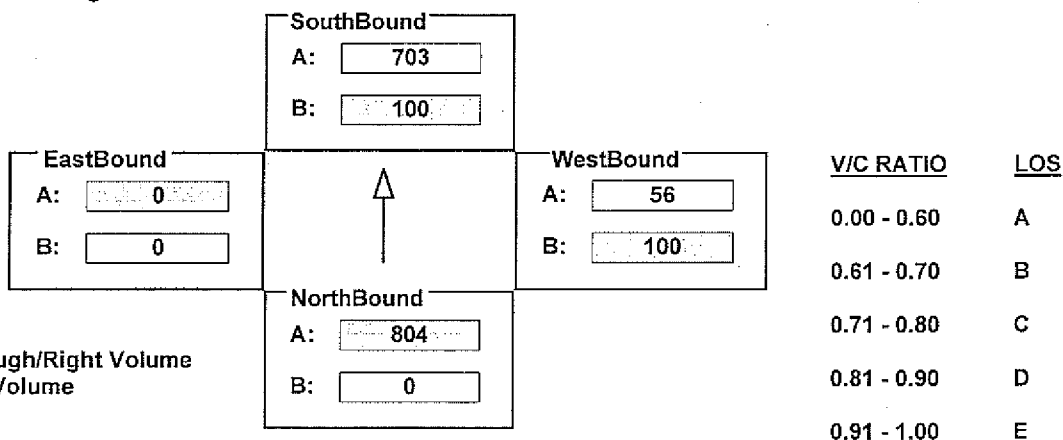
LOS = D

N/S: SEPULVEDA BLVD W/E: FOX HILLS MALL DWY I/S No:

AM/PM: PM Comments: FUTURE 2010 W/IMPROVEMENT

COUNT DATE: STUDY DATE: GROWTH FACTOR:

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND							
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT					
EXISTING	0	2263	148	181	2110	0	100	0	106	0	0	0					
AMBIENT																	
RELATED																	
PROJECT																	
TOTAL	0	2263	148	181	2110	0	100	0	106	0	0	0					
LANE																	
	0	0	2	0	1	0	0	2	0	3	0	0	0	0	0	0	0
SIGNAL	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR					
	Perm		Auto	Prot-Fix		<none>	Split		Auto	<none>		<none>					



A = Adjusted Through/Right Volume
B = Adjusted Left Volume
* = ATSAC Benefit

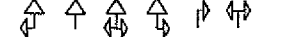
$$\text{North/South Critical Movements} = A(N/B) + B(S/B)$$
$$\text{West/East Critical Movements} = B(W/B) + A(E/B)$$

$$V/C = \frac{804 + 100 + 100 + 0}{*1425} = 0.635 \quad \text{LOS} = \text{B}$$

INTERSECTION DATA SUMMARY SHEET

N/S: W/E: I/S No:
 AM/PM: Comments:
 COUNT DATE: STUDY DATE: GROWTH FACTOR:

Volume/Lane/Signal Configurations

	NORTHBOUND			SOUTHBOUND			WESTBOUND			EASTBOUND		
	LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
EXISTING	0	2144	253	211	1898	0	351	0	267	0	0	0
AMBIENT												
RELATED												
PROJECT												
TOTAL	0	2144	253	211	1898	0	351	0	267	0	0	0
LANE												
SIGNAL	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR	Phasing		RTOR
	Perm		Auto	Prot-Fix		<none>	Split		Auto	<none>		<none>

Critical Movements Diagram

NorthBound

A: 715

B: 0

SouthBound

A: 633

B: 116

EastBound

A: 0

B: 0

WestBound

A: 148

B: 206

V/C RATIO	LOS
0.00 - 0.60	A
0.61 - 0.70	B
0.71 - 0.80	C
0.81 - 0.90	D
0.91 - 1.00	E

A = Adjusted Through/Right Volume
 B = Adjusted Left Volume
 * = ATSAC Benefit

Results

$$\text{North/South Critical Movements} = A(N/B) + B(S/B)$$

$$\text{West/East Critical Movements} = B(W/B) + A(E/B)$$

$$V/C = \frac{715 + 116 + 206 + 0}{*1425} = 0.658 \quad \text{LOS} = \text{B}$$