

**From:** Miguel Nunez <M.Nunez@fehrandpeers.com>  
**Sent time:** 08/13/2019 08:26:14 AM  
**To:** Eduardo Hermoso <eduardo.hermoso@lacity.org>  
**Subject:** Updated Driveway Information  
**Attachments:** CMA\_ArgyleDwy.pdf SignalWarrant\_Dwy.pdf Dwy Signal Warrant Summary.pdf

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Hi Eduardo,

I'm attaching a few items:

- Driveway CMA sheets
- Signal warrant analysis summary table
- Signal warrant analysis

Let me know if you need anything else. I'll call to confirm you have received the attachments. Thanks.

Regards,  
Miguel

Miguel Núñez, AICP  
Senior Associate

**FEHR PEERS**

**Los Angeles**

600 Wilshire Blvd, Suite 1050  
Los Angeles, CA 90017  
(213) 261-3050



## Level of Service Worksheet (Circular 212 Method)



<b>I/S #:</b> <b>1</b>	<b>PROJECT TITLE:</b> Hollywood Center	<b>East-West Street:</b> Project Driveway/Carlos Ave	
	<b>North-South Street:</b> Argyle Avenue		
	<b>Scenario:</b> Existing plus Project - Residential		
	<b>Count Date:</b> 6/28/2018	<b>Analyst:</b> Fehr & Peers	<b>Date:</b> 1/15/2019

		AM			PM		
		Volume	No. of Lanes	Lane Volume	Volume	No. of Lanes	Lane Volume
No. of Phases				4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0
ATSAC-1 or ATSAC+ATCS-2?		EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0
Override Capacity				2			2
				0			0
MOVEMENT		Volume	No. of Lanes	Lane Volume	Volume	No. of Lanes	Lane Volume
<b>NORTHBOUND</b>	Left	76	1	76	128	1	128
	Left-Through		0			0	
	Through	269	0	274	731	0	780
	Through-Right		1			1	
	Right	5	0	0	49	0	0
	Left-Through-Right		0			0	
	Left-Right		0			0	
<b>SOUTHBOUND</b>	Left	6	1	6	21	1	21
	Left-Through		0			0	
	Through	372	1	223	203	1	151
	Through-Right		1			1	
	Right	74	0	74	98	0	98
	Left-Through-Right		0			0	
	Left-Right		0			0	
<b>EASTBOUND</b>	Left	57	0	57	81	0	81
	Left-Through		0			0	
	Through	0	0	0	0	0	0
	Through-Right		0			0	
	Right	87	0	144	116	0	197
	Left-Through-Right		0			0	
	Left-Right		1			1	
<b>WESTBOUND</b>	Left	28	1	28	20	0	20
	Left-Through		0			0	
	Through	0	0	0	0	0	0
	Through-Right		0			0	
	Right	40	1	37	18	0	38
	Left-Through-Right		0			0	
	Left-Right		0			1	
<b>CRITICAL VOLUMES</b>		<i>North-South:</i>		299	<i>North-South:</i>		801
		<i>East-West:</i>		172	<i>East-West:</i>		217
		<b>SUM:</b>		471	<b>SUM:</b>		1018
<b>VOLUME/CAPACITY (V/C) RATIO:</b>				0.343			0.740
<b>V/C LESS ATSAC/ATCS ADJUSTMENT:</b>				<b>0.243</b>			<b>0.640</b>
<b>LEVEL OF SERVICE (LOS):</b>				<b>A</b>			<b>B</b>



## Level of Service Worksheet (Circular 212 Method)



<b>I/S #:</b>	<b>PROJECT TITLE:</b> Hollywood Center	<b>East-West Street:</b> Project Driveway/Carlos Ave	
<b>1</b>	<b>North-South Street:</b> Argyle Avenue		
	<b>Scenario:</b> Existing plus Project - Hotel	<b>Analyst:</b> Fehr & Peers	<b>Date:</b> 1/15/2019
	<b>Count Date:</b> 6/28/2018		

		AM			PM		
		Volume	No. of Lanes	Lane Volume	Volume	No. of Lanes	Lane Volume
No. of Phases				4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		0	0	0	0	0	0
Override Capacity				2			2
				0			0
MOVEMENT		Volume	No. of Lanes	Lane Volume	Volume	No. of Lanes	Lane Volume
<b>NORTHBOUND</b>	↵ Left	94	1	94	131	1	131
	↵↔ Left-Through		0			0	
	→ Through	269	0	274	731	0	780
	↗ Through-Right		1			1	
	↘ Right	5	0	0	49	0	0
	↗↔ Left-Through-Right		0			0	
	↘↔ Left-Right		0			0	
<b>SOUTHBOUND</b>	↵ Left	6	1	6	21	1	21
	↵↔ Left-Through		0			0	
	→ Through	372	1	229	203	1	151
	↗ Through-Right		1			1	
	↘ Right	85	0	85	99	0	99
	↗↔ Left-Through-Right		0			0	
	↘↔ Left-Right		0			0	
<b>EASTBOUND</b>	↵ Left	64	0	64	86	0	86
	↵↔ Left-Through		0			0	
	→ Through	0	0	0	0	0	0
	↗ Through-Right		0			0	
	↘ Right	99	0	163	125	0	211
	↗↔ Left-Through-Right		0			0	
	↘↔ Left-Right		1			1	
<b>WESTBOUND</b>	↵ Left	28	1	28	20	0	20
	↵↔ Left-Through		0			0	
	→ Through	0	0	0	0	0	0
	↗ Through-Right		0			0	
	↘ Right	40	1	37	18	0	38
	↗↔ Left-Through-Right		0			0	
	↘↔ Left-Right		0			1	
<b>CRITICAL VOLUMES</b>				323			801
				191			231
				514			1032
<b>VOLUME/CAPACITY (V/C) RATIO:</b>				0.374			0.751
<b>V/C LESS ATSAC/ATCS ADJUSTMENT:</b>				0.274			0.651
<b>LEVEL OF SERVICE (LOS):</b>				A			B



## Level of Service Worksheet (Circular 212 Method)



<b>I/S #:</b>	<b>PROJECT TITLE:</b> Hollywood Center	<b>East-West Street:</b> Project Driveway/Carlos Ave	
<b>1</b>	<b>North-South Street:</b> Argyle Avenue		
	<b>Scenario:</b> Future plus Project 2027 - Residential		
	<b>Count Date:</b> 6/28/2018	<b>Analyst:</b> Fehr & Peers	<b>Date:</b> 1/15/2019

		AM			PM		
		Volume	No. of Lanes	Lane Volume	Volume	No. of Lanes	Lane Volume
No. of Phases				4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		0	0	0	0	0	0
ATSAC-1 or ATSAC+ATCS-2?		0	0	0	0	0	0
Override Capacity				2			2
				0			0
MOVEMENT		Volume	No. of Lanes	Lane Volume	Volume	No. of Lanes	Lane Volume
<b>NORTHBOUND</b>	↵ Left	76	1	71	128	1	128
	↵↵ Left-Through		0			0	
	↵↵ Through	534	0	573	1118	0	1110
	↵↵ Through-Right		1			1	
	↵↵ Right	5	0	0	51	0	0
	↵↵↵ Left-Through-Right		0			0	
	↵↵↵ Left-Right		0			0	
<b>SOUTHBOUND</b>	↵↵ Left	6	1	30	22	1	25
	↵↵ Left-Through		0			0	
	↵↵ Through	539	1	295	351	1	222
	↵↵ Through-Right		1			1	
	↵↵ Right	74	0	84	98	0	97
	↵↵↵ Left-Through-Right		0			0	
	↵↵↵ Left-Right		0			0	
<b>EASTBOUND</b>	↵ Left	57	0	59	81	0	88
	↵↵ Left-Through		0			0	
	↵↵ Through	0	0	0	0	0	0
	↵↵ Through-Right		0			0	
	↵↵ Right	87	0	147	116	0	204
	↵↵↵ Left-Through-Right		0			0	
	↵↵↵ Left-Right		1			1	
<b>WESTBOUND</b>	↵ Left	29	1	21	21	0	26
	↵↵ Left-Through		0			0	
	↵↵ Through	0	0	0	0	0	0
	↵↵ Through-Right		0			0	
	↵↵ Right	41	1	17	19	0	68
	↵↵↵ Left-Through-Right		0			0	
	↵↵↵ Left-Right		0			1	
<b>CRITICAL VOLUMES</b>				<i>North-South:</i> 603			<i>North-South:</i> 1135
				<i>East-West:</i> 168			<i>East-West:</i> 230
				<b>SUM:</b> 771			<b>SUM:</b> 1365
<b>VOLUME/CAPACITY (V/C) RATIO:</b>				0.561			0.993
<b>V/C LESS ATSAC/ATCS ADJUSTMENT:</b>				0.461			0.893
<b>LEVEL OF SERVICE (LOS):</b>				A			D



## Level of Service Worksheet (Circular 212 Method)



<b>I/S #:</b> <b>1</b>	<b>PROJECT TITLE:</b> Hollywood Center	<b>East-West Street:</b> Project Driveway/Carlos Ave	
	<b>North-South Street:</b> Argyle Avenue		
	<b>Scenario:</b> Future plus Project 2027 - Hotel	<b>Analyst:</b> Fehr & Peers	<b>Date:</b> 1/15/2019
	<b>Count Date:</b> 6/28/2018		

		AM			PM		
		Volume	No. of Lanes	Lane Volume	Volume	No. of Lanes	Lane Volume
No. of Phases				4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0
ATSAC-1 or ATSAC+ATCS-2?		EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0
Override Capacity				2			2
				0			0
MOVEMENT		Volume	No. of Lanes	Lane Volume	Volume	No. of Lanes	Lane Volume
<b>NORTHBOUND</b>	Left	94	1	94	131	1	131
	Left-Through		0			0	
	Through	534	0	539	1118	0	1169
	Through-Right		1			1	
	Right	5	0	0	51	0	0
	Left-Through-Right		0			0	
	Left-Right		0			0	
<b>SOUTHBOUND</b>	Left	6	1	6	22	1	22
	Left-Through		0			0	
	Through	539	1	312	351	1	225
	Through-Right		1			1	
	Right	85	0	85	99	0	99
	Left-Through-Right		0			0	
	Left-Right		0			0	
<b>EASTBOUND</b>	Left	64	0	64	86	0	86
	Left-Through		0			0	
	Through	0	0	0	0	0	0
	Through-Right		0			0	
	Right	99	0	163	125	0	211
	Left-Through-Right		0			0	
	Left-Right		1			1	
<b>WESTBOUND</b>	Left	29	1	29	21	0	21
	Left-Through		0			0	
	Through	0	0	0	0	0	0
	Through-Right		0			0	
	Right	41	1	38	19	0	40
	Left-Through-Right		0			0	
	Left-Right		0			1	
<b>CRITICAL VOLUMES</b>				<i>North-South:</i> 545			<i>North-South:</i> 1191
				<i>East-West:</i> 192			<i>East-West:</i> 232
				<b>SUM:</b> 737			<b>SUM:</b> 1423
<b>VOLUME/CAPACITY (V/C) RATIO:</b>				0.536			1.035
<b>V/C LESS ATSAC/ATCS ADJUSTMENT:</b>				<b>0.436</b>			<b>0.935</b>
<b>LEVEL OF SERVICE (LOS):</b>				<b>A</b>			<b>E</b>



## Level of Service Worksheet (Circular 212 Method)



<b>I/S #:</b>	<b>PROJECT TITLE:</b>	Hollywood Center	<b>East-West Street:</b>	Project Driveway/Carlos Ave
<b>1</b>	<b>North-South Street:</b>	Argyle Avenue		
	<b>Scenario:</b>	Future plus Project 2040 - Residential		
	<b>Count Date:</b>	6/28/2018	<b>Analyst:</b>	Fehr & Peers
			<b>Date:</b>	1/15/2019

		AM			PM		
		Volume	No. of Lanes	Lane Volume	Volume	No. of Lanes	Lane Volume
No. of Phases				4			4
Opposed Ø'ing: N/S-1, E/W-2 or Both-3?				0			0
Right Turns: FREE-1, NRTOR-2 or OLA-3?		NB-- 0	SB-- 0	0	NB-- 0	SB-- 0	0
ATSAC-1 or ATSAC+ATCS-2?		EB-- 0	WB-- 0	0	EB-- 0	WB-- 0	0
Override Capacity				2			2
Override Capacity				0			0
MOVEMENT		Volume	No. of Lanes	Lane Volume	Volume	No. of Lanes	Lane Volume
<b>NORTHBOUND</b>	↵ Left	77	1	77	129	1	129
	↵↔ Left-Through		0			0	
	→ Through	548	0	553	1156	0	1209
	↗ Through-Right		1			1	
	↘ Right	5	0	0	53	0	0
	↗↘ Left-Through-Right		0			0	
↗↘ Left-Right			0		0		
<b>SOUTHBOUND</b>	↵ Left	7	1	7	23	1	23
	↵↔ Left-Through		0			0	
	→ Through	559	1	317	362	1	230
	↗ Through-Right		1			1	
	↘ Right	75	0	75	98	0	98
	↗↘ Left-Through-Right		0			0	
↗↘ Left-Right			0		0		
<b>EASTBOUND</b>	↵ Left	57	0	57	82	0	82
	↵↔ Left-Through		0			0	
	→ Through	0	0	0	0	0	0
	↗ Through-Right		0			0	
	↘ Right	87	0	144	117	0	199
	↗↘ Left-Through-Right		0			0	
↗↘ Left-Right			1		1		
<b>WESTBOUND</b>	↵ Left	30	1	30	22	0	22
	↵↔ Left-Through		0			0	
	→ Through	0	0	0	0	0	0
	↗ Through-Right		0			0	
	↘ Right	44	1	41	20	0	42
	↗↘ Left-Through-Right		0			0	
↗↘ Left-Right			0		1		
<b>CRITICAL VOLUMES</b>				<i>North-South:</i> 560			<i>North-South:</i> 1232
				<i>East-West:</i> 174			<i>East-West:</i> 221
				<b>SUM:</b> 734			<b>SUM:</b> 1453
<b>VOLUME/CAPACITY (V/C) RATIO:</b>				0.534			1.057
<b>V/C LESS ATSAC/ATCS ADJUSTMENT:</b>				0.434			0.957
<b>LEVEL OF SERVICE (LOS):</b>				A			E



## Level of Service Worksheet (Circular 212 Method)



<b>I/S #:</b>	<b>PROJECT TITLE:</b> Hollywood Center	<b>East-West Street:</b> Project Driveway/Carlos Ave	
<b>1</b>	<b>North-South Street:</b> Argyle Avenue		
	<b>Scenario:</b> Future plus Project 2040 - Hotel	<b>Analyst:</b> Fehr & Peers	<b>Date:</b> 1/15/2019
	<b>Count Date:</b> 6/28/2018		

		AM			PM		
		Volume	No. of Lanes	Lane Volume	Volume	No. of Lanes	Lane Volume
<b>No. of Phases</b>				4			4
<b>Opposed Ø'ing: N/S-1, E/W-2 or Both-3?</b>				0			0
<b>Right Turns: FREE-1, NRTOR-2 or OLA-3?</b>		<i>NB--</i> 0	<i>SB--</i> 0	0	<i>NB--</i> 0	<i>SB--</i> 0	0
		<i>EB--</i> 0	<i>WB--</i> 0	0	<i>EB--</i> 0	<i>WB--</i> 0	0
<b>ATSAC-1 or ATSAC+ATCS-2?</b>				2			2
<b>Override Capacity</b>				0			0
MOVEMENT		Volume	No. of Lanes	Lane Volume	Volume	No. of Lanes	Lane Volume
<b>NORTHBOUND</b>	Left	95	1	95	132	1	132
	Left-Through		0			0	
	Through	548	0	553	1156	0	1209
	Through-Right		1			1	
	Right	5	0	0	53	0	0
	Left-Through-Right		0			0	
	Left-Right		0			0	
<b>SOUTHBOUND</b>	Left	7	1	7	23	1	23
	Left-Through		0			0	
	Through	559	1	323	362	1	231
	Through-Right		1			1	
	Right	86	0	86	99	0	99
	Left-Through-Right		0			0	
	Left-Right		0			0	
<b>EASTBOUND</b>	Left	64	0	64	87	0	87
	Left-Through		0			0	
	Through	0	0	0	0	0	0
	Through-Right		0			0	
	Right	99	0	163	126	0	213
	Left-Through-Right		0			0	
	Left-Right		1			1	
<b>WESTBOUND</b>	Left	30	1	30	22	0	22
	Left-Through		0			0	
	Through	0	0	0	0	0	0
	Through-Right		0			0	
	Right	44	1	41	20	0	42
	Left-Through-Right		0			0	
	Left-Right		0			1	
<b>CRITICAL VOLUMES</b>		<i>North-South:</i>		560	<i>North-South:</i>		1232
		<i>East-West:</i>		193	<i>East-West:</i>		235
		<i>SUM:</i>		753	<i>SUM:</i>		1467
<b>VOLUME/CAPACITY (V/C) RATIO:</b>				0.548			1.067
<b>V/C LESS ATSAC/ATCS ADJUSTMENT:</b>				0.448			0.967
<b>LEVEL OF SERVICE (LOS):</b>				A			E



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

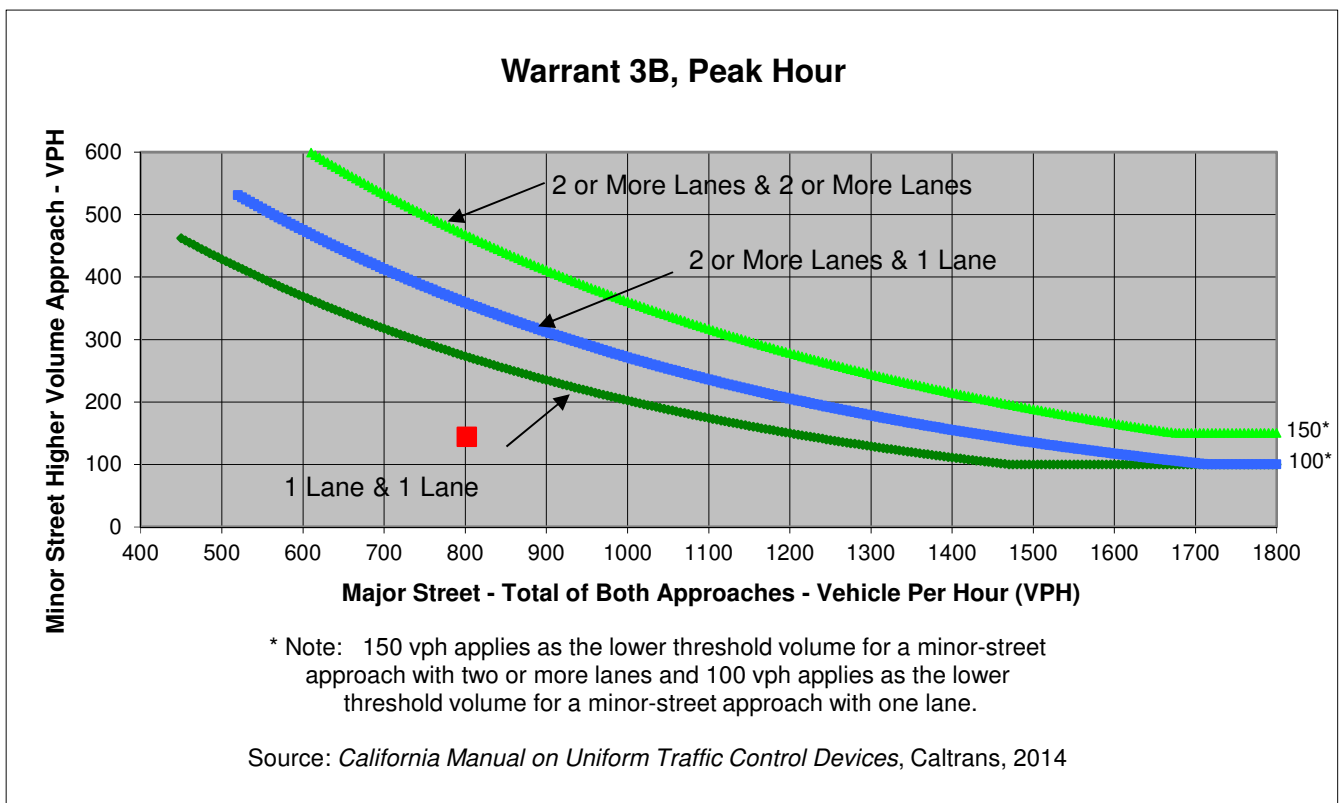
Project Hollywood Center  
 Scenario EP\_AM Residential  
 Peak Hour AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	76	6	57	28
Through	269	372	0	0
Right	5	74	87	40
Total	350	452	144	68

Major Street Direction

x	North/South
	East/West



	Major Street	Minor Street	Warrant Met
	Argyle Ave	Driveway/Carlos Ave	
<b>Number of Approach Lanes</b>	<b>2</b>	<b>1</b>	<b>NO</b>
<b>Traffic Volume (VPH) *</b>	<b>802</b>	<b>144</b>	

\* Note: Traffic Volume for Major Street is Total Volume of Both Approches.  
 Traffic Volume for Minor Street is the Volume of High Volume Approach.





Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

Project Hollywood Center  
 Scenario EP\_AM Residential  
 Peak Hour AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	76	6	57	28
Through	269	372	0	0
Right	5	74	87	40
<b>Total</b>	<b>350</b>	<b>452</b>	<b>144</b>	<b>68</b>

Major Street Direction

x	North/South
	East/West

Intersection Geometry

Number of Approach Lanes for Minor Street	1
Total Approaches	4

Worst Case Delay for Minor Street

Stopped Delay (seconds per vehicle)	23.2
Approach with Worst Case Delay	EB
Total Vehicles on Approach	144

<b>Warrant 3A, Peak Hour</b>			
	<b>Peak Hour Delay on Minor Approach (vehicle-hours)</b>	<b>Peak Hour Volume on Minor Approach (vph)</b>	<b>Peak Hour Entering Volume Serviced (vph)</b>
<b>EP_AM Residential</b>	<b>0.9</b>	<b>144</b>	<b>1,014</b>
<b>Limiting Value</b>	<b>4</b>	<b>100</b>	<b>800</b>
<b>Condition Satisfied?</b>	<b>Not Met</b>	<b>Met</b>	<b>Met</b>
<b>Warrant Met</b>	<b><u>NO</u></b>		



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

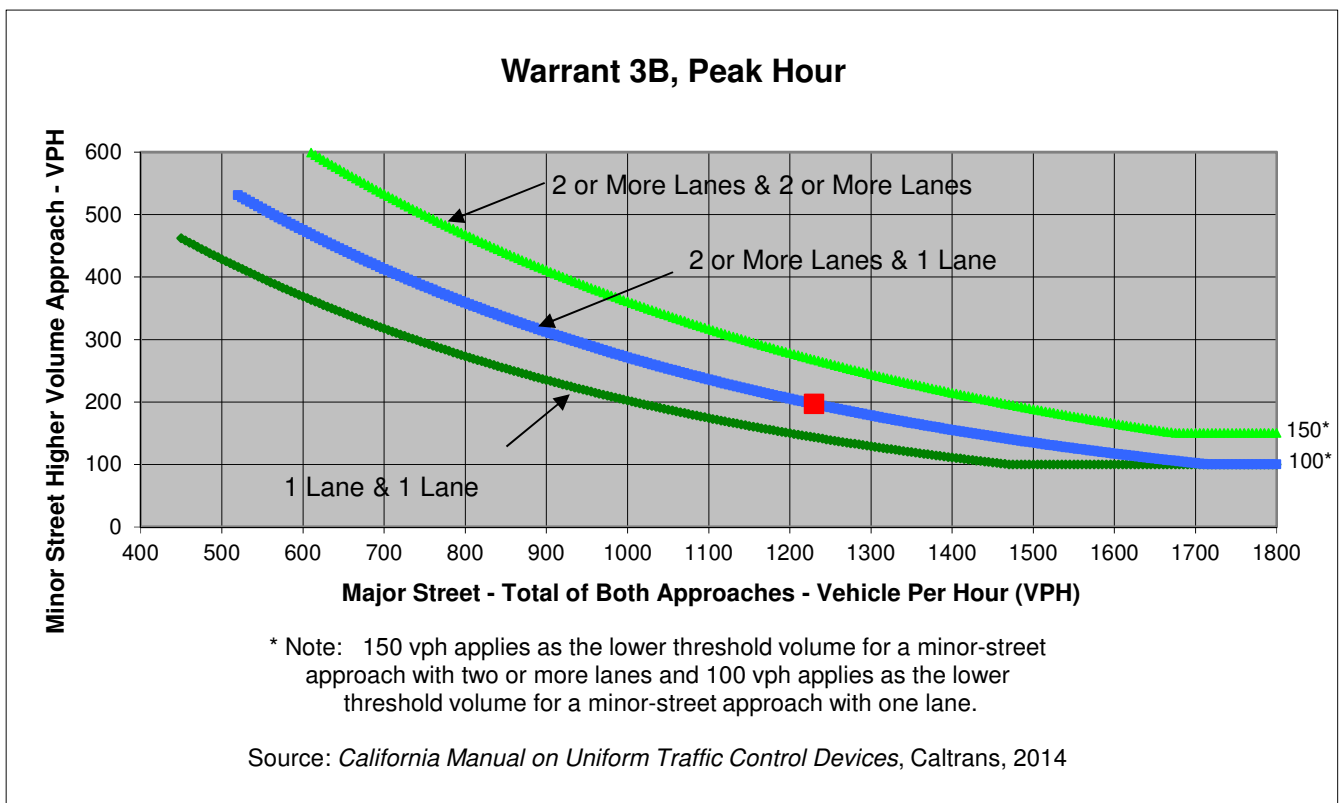
Project Hollywood Center  
 Scenario EP\_PM Residential  
 Peak Hour PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	128	21	81	20
Through	731	203	0	0
Right	49	98	116	18
Total	908	322	197	38

Major Street Direction

x	North/South
	East/West



	Major Street	Minor Street	Warrant Met
	Argyle Ave	Driveway/Carlos Ave	
<b>Number of Approach Lanes</b>	<b>2</b>	<b>1</b>	<b>YES</b>
<b>Traffic Volume (VPH) *</b>	<b>1,230</b>	<b>197</b>	

\* Note: Traffic Volume for Major Street is Total Volume of Both Approaches.  
 Traffic Volume for Minor Street is the Volume of High Volume Approach.



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

Project Hollywood Center  
 Scenario EP\_PM Residential  
 Peak Hour PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	128	21	81	20
Through	731	203	0	0
Right	49	98	116	18
<b>Total</b>	<b>908</b>	<b>322</b>	<b>197</b>	<b>38</b>

Major Street Direction

x	North/South
	East/West

Intersection Geometry

Number of Approach Lanes for Minor Street	1
Total Approaches	4

Worst Case Delay for Minor Street

Stopped Delay (seconds per vehicle)	210.3
Approach with Worst Case Delay	EB
Total Vehicles on Approach	197

<b>Warrant 3A, Peak Hour</b>			
	<b>Peak Hour Delay on Minor Approach (vehicle-hours)</b>	<b>Peak Hour Volume on Minor Approach (vph)</b>	<b>Peak Hour Entering Volume Serviced (vph)</b>
<b>EP_PM Residential</b>	<b>11.5</b>	<b>197</b>	<b>1,465</b>
<b>Limiting Value</b>	<b>4</b>	<b>100</b>	<b>800</b>
<b>Condition Satisfied?</b>	<b>Met</b>	<b>Met</b>	<b>Met</b>
<b>Warrant Met</b>	<b><u>YES</u></b>		



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

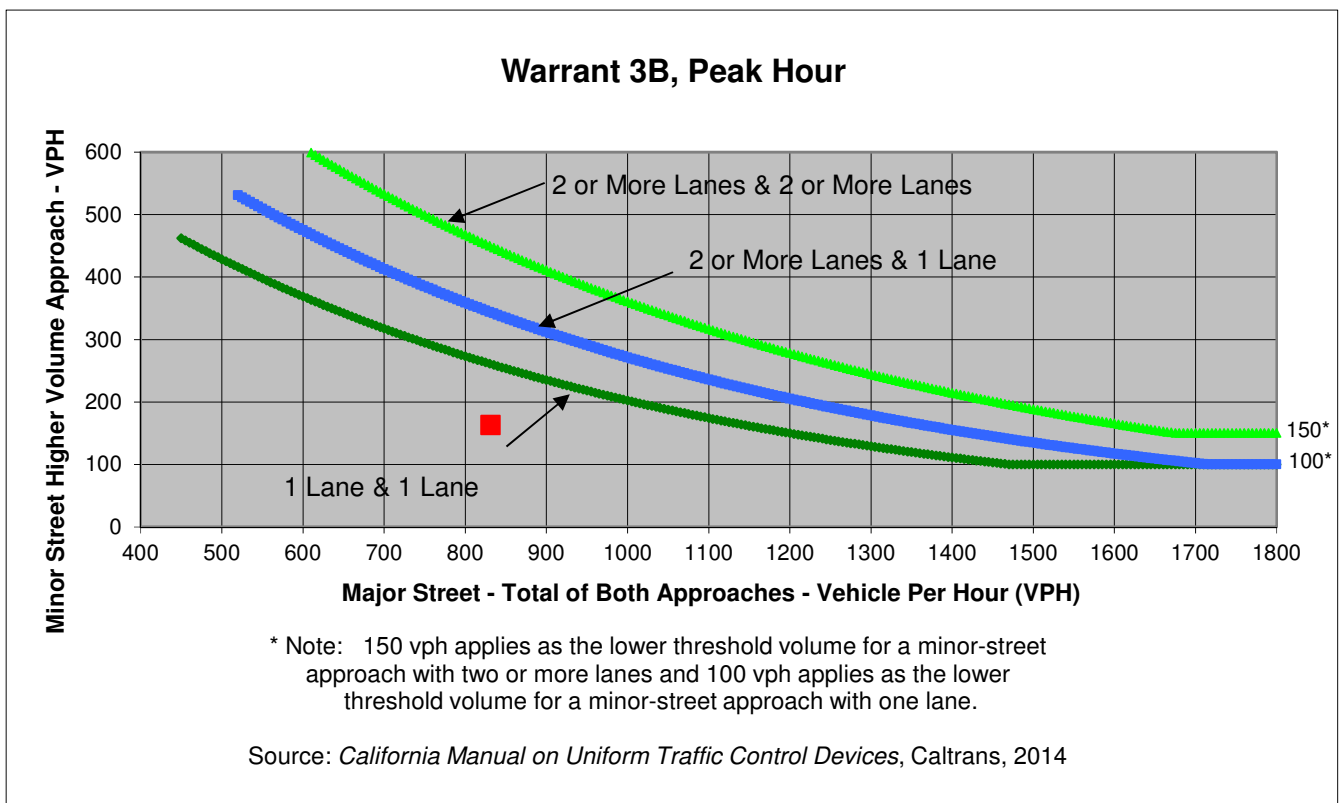
Project Hollywood Center  
 Scenario EP\_AM Hotel  
 Peak Hour AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	94	6	64	28
Through	269	372	0	0
Right	5	85	99	40
Total	368	463	163	68

Major Street Direction

x	North/South
	East/West



	Major Street	Minor Street	Warrant Met
	Argyle Ave	Driveway/Carlos Ave	
<b>Number of Approach Lanes</b>	<b>2</b>	<b>1</b>	<b>NO</b>
<b>Traffic Volume (VPH) *</b>	<b>831</b>	<b>163</b>	

\* Note: Traffic Volume for Major Street is Total Volume of Both Approches.  
 Traffic Volume for Minor Street is the Volume of High Volume Approach.

# FEHR & PEERS

Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

Project Hollywood Center  
 Scenario EP\_AM Hotel  
 Peak Hour AM

## Turn Movement Volumes

	NB	SB	EB	WB
Left	94	6	64	28
Through	269	372	0	0
Right	5	85	99	40
<b>Total</b>	<b>368</b>	<b>463</b>	<b>163</b>	<b>68</b>

## Major Street Direction

x	North/South
	East/West

## Intersection Geometry

Number of Approach Lanes for Minor Street	1
Total Approaches	4

## Worst Case Delay for Minor Street

Stopped Delay (seconds per vehicle)	27.9
Approach with Worst Case Delay	EB
Total Vehicles on Approach	163

<b>Warrant 3A, Peak Hour</b>			
	<b>Peak Hour Delay on Minor Approach (vehicle-hours)</b>	<b>Peak Hour Volume on Minor Approach (vph)</b>	<b>Peak Hour Entering Volume Serviced (vph)</b>
<b>EP_AM Hotel</b>	<b>1.3</b>	<b>163</b>	<b>1,062</b>
<b>Limiting Value</b>	<b>4</b>	<b>100</b>	<b>800</b>
<b>Condition Satisfied?</b>	<b>Not Met</b>	<b>Met</b>	<b>Met</b>
<b>Warrant Met</b>	<b><u>NO</u></b>		



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

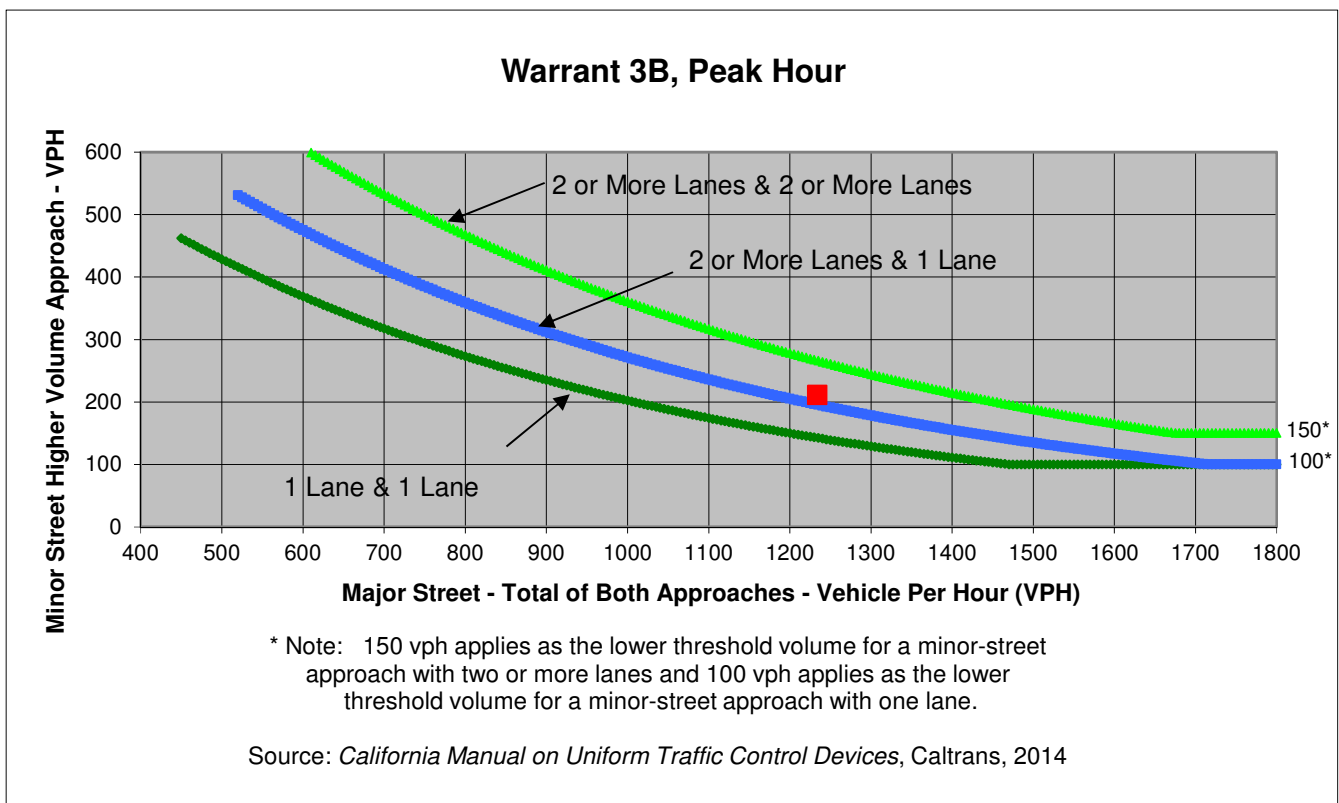
Project Hollywood Center  
 Scenario EP\_PM Hotel  
 Peak Hour PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	131	21	86	20
Through	731	203	0	0
Right	49	99	125	18
Total	911	323	211	38

Major Street Direction

x	North/South
—	East/West



	Major Street	Minor Street	Warrant Met
	Argyle Ave	Driveway/Carlos Ave	
<b>Number of Approach Lanes</b>	<b>2</b>	<b>1</b>	<b>YES</b>
<b>Traffic Volume (VPH) *</b>	<b>1,234</b>	<b>211</b>	

\* Note: Traffic Volume for Major Street is Total Volume of Both Approaches.  
 Traffic Volume for Minor Street is the Volume of High Volume Approach.



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

Project Hollywood Center  
 Scenario EP\_PM Hotel  
 Peak Hour PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	131	21	86	20
Through	731	203	0	0
Right	49	99	125	18
<b>Total</b>	<b>911</b>	<b>323</b>	<b>211</b>	<b>38</b>

Major Street Direction

x	North/South
	East/West

Intersection Geometry

Number of Approach Lanes for Minor Street	1
Total Approaches	4

Worst Case Delay for Minor Street

Stopped Delay (seconds per vehicle)	243.6
Approach with Worst Case Delay	EB
Total Vehicles on Approach	211

<b>Warrant 3A, Peak Hour</b>			
	<b>Peak Hour Delay on Minor Approach (vehicle-hours)</b>	<b>Peak Hour Volume on Minor Approach (vph)</b>	<b>Peak Hour Entering Volume Serviced (vph)</b>
<b>EP_PM Hotel</b>	<b>14.3</b>	<b>211</b>	<b>1,483</b>
<b>Limiting Value</b>	<b>4</b>	<b>100</b>	<b>800</b>
<b>Condition Satisfied?</b>	<b>Met</b>	<b>Met</b>	<b>Met</b>
<b>Warrant Met</b>	<b><u>YES</u></b>		



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

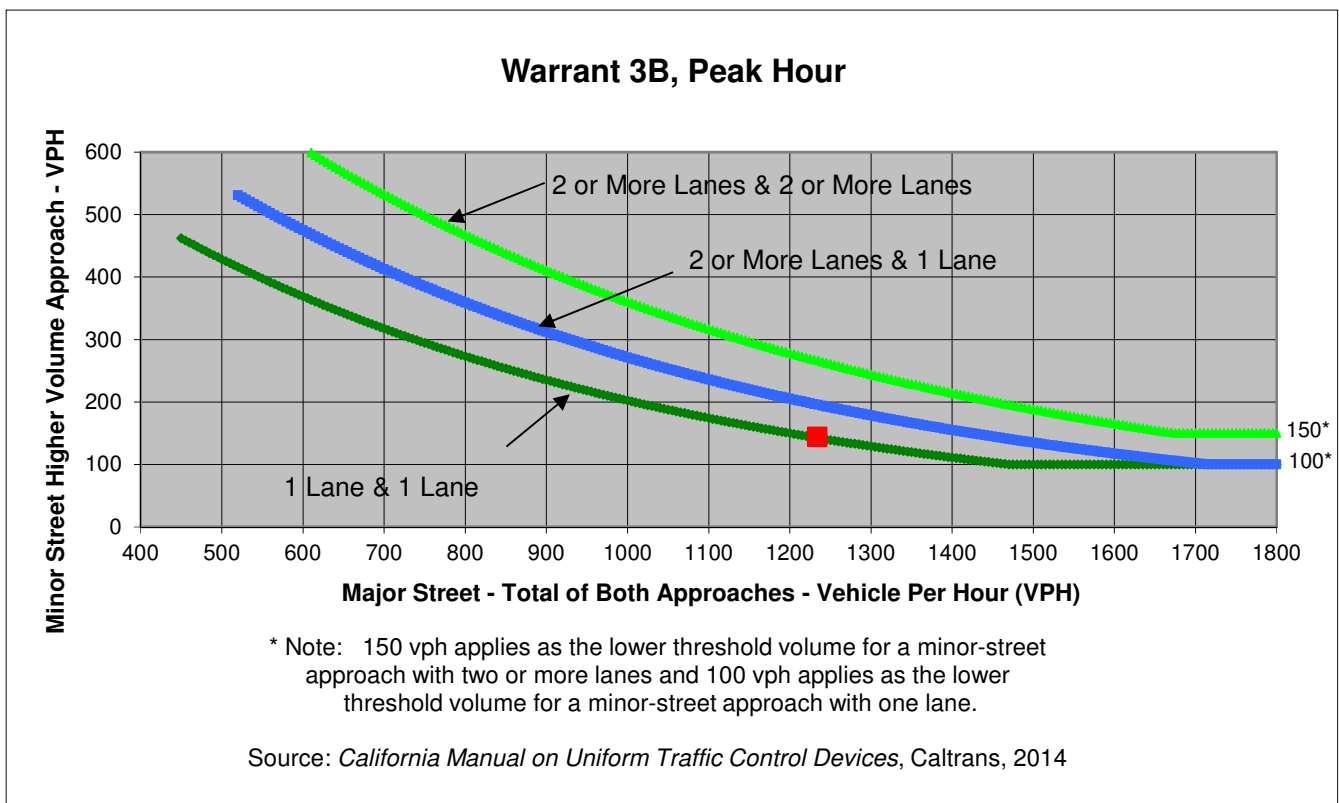
Project Hollywood Center  
 Scenario CP2027\_AM Residential  
 Peak Hour AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	76	6	57	29
Through	534	539	0	0
Right	5	74	87	41
Total	615	619	144	70

Major Street Direction

x	North/South
	East/West



	Major Street	Minor Street	Warrant Met
	Argyle Ave	Driveway/Carlos Ave	
<b>Number of Approach Lanes</b>	<b>2</b>	<b>1</b>	<b>NO</b>
<b>Traffic Volume (VPH) *</b>	<b>1,234</b>	<b>144</b>	

\* Note: Traffic Volume for Major Street is Total Volume of Both Approches.  
 Traffic Volume for Minor Street is the Volume of High Volume Approach.





Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

Project Hollywood Center  
 Scenario CP2027\_AM Residential  
 Peak Hour AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	76	6	57	29
Through	534	539	0	0
Right	5	74	87	41
<b>Total</b>	<b>615</b>	<b>619</b>	<b>144</b>	<b>70</b>

Major Street Direction

x	North/South
	East/West

Intersection Geometry

Number of Approach Lanes for Minor Street	1
Total Approaches	4

Worst Case Delay for Minor Street

Stopped Delay (seconds per vehicle)	95.5
Approach with Worst Case Delay	EB
Total Vehicles on Approach	144

<b>Warrant 3A, Peak Hour</b>			
	<b>Peak Hour Delay on Minor Approach (vehicle-hours)</b>	<b>Peak Hour Volume on Minor Approach (vph)</b>	<b>Peak Hour Entering Volume Served (vph)</b>
<b>CP2027_AM Residential</b>	<b>3.8</b>	<b>144</b>	<b>1,448</b>
<b>Limiting Value</b>	<b>4</b>	<b>100</b>	<b>800</b>
<b>Condition Satisfied?</b>	<b>Not Met</b>	<b>Met</b>	<b>Met</b>
<b>Warrant Met</b>	<b><u>NO</u></b>		



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

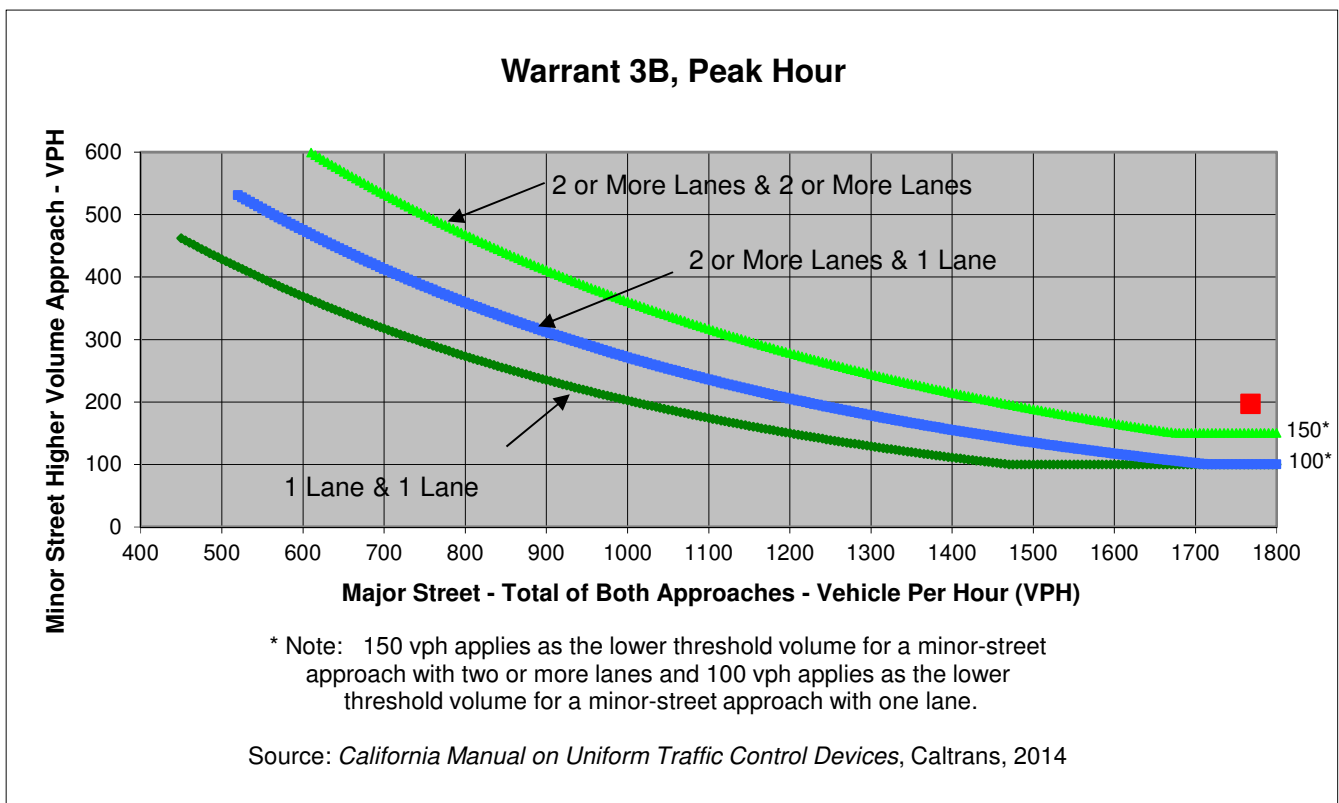
Project Hollywood Center  
 Scenario CP2027\_PM Residential  
 Peak Hour PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	128	22	81	21
Through	1,118	351	0	0
Right	51	98	116	19
Total	1,297	471	197	40

Major Street Direction

x	North/South
	East/West



	Major Street	Minor Street	Warrant Met
	Argyle Ave	Driveway/Carlos Ave	
<b>Number of Approach Lanes</b>	<b>2</b>	<b>1</b>	<b>YES</b>
<b>Traffic Volume (VPH) *</b>	<b>1,768</b>	<b>197</b>	

\* Note: Traffic Volume for Major Street is Total Volume of Both Approches.  
 Traffic Volume for Minor Street is the Volume of High Volume Approach.



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

Project Hollywood Center  
 Scenario CP2027\_PM Residential  
 Peak Hour PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	128	22	81	21
Through	1,118	351	0	0
Right	51	98	116	19
<b>Total</b>	<b>1,297</b>	<b>471</b>	<b>197</b>	<b>40</b>

Major Street Direction

x	North/South
	East/West

Intersection Geometry

Number of Approach Lanes for Minor Street	1
Total Approaches	4

Worst Case Delay for Minor Street

Stopped Delay (seconds per vehicle)	1355.4
Approach with Worst Case Delay	EB
Total Vehicles on Approach	197

<b>Warrant 3A, Peak Hour</b>			
	<b>Peak Hour Delay on Minor Approach (vehicle-hours)</b>	<b>Peak Hour Volume on Minor Approach (vph)</b>	<b>Peak Hour Entering Volume Served (vph)</b>
<b>CP2027_PM Residential</b>	<b>74.2</b>	<b>197</b>	<b>2,005</b>
<b>Limiting Value</b>	<b>4</b>	<b>100</b>	<b>800</b>
<b>Condition Satisfied?</b>	<b>Met</b>	<b>Met</b>	<b>Met</b>
<b>Warrant Met</b>	<b><u>YES</u></b>		



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

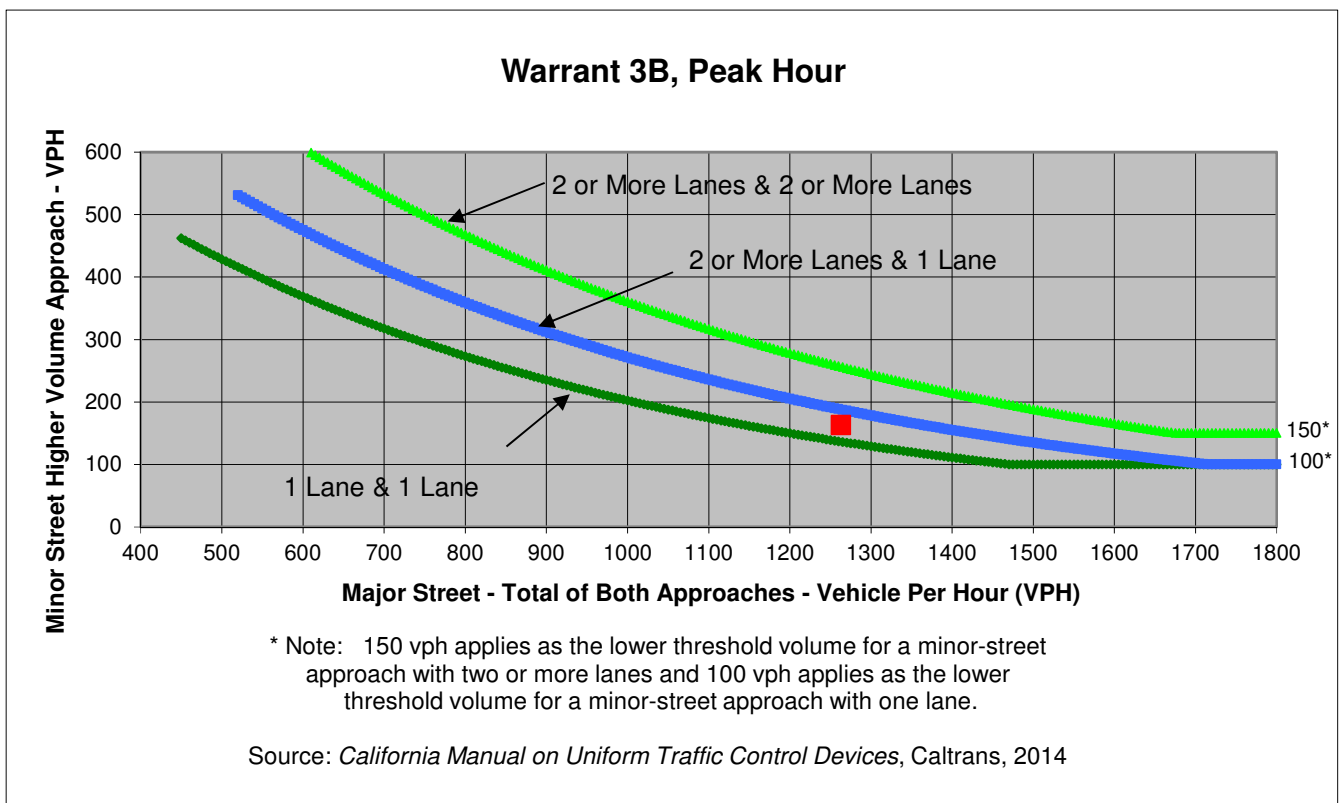
Project Hollywood Center  
 Scenario CP2027\_AM Hotel  
 Peak Hour AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	94	6	64	29
Through	534	539	0	0
Right	5	85	99	41
Total	633	630	163	70

Major Street Direction

x	North/South
	East/West



	Major Street	Minor Street	Warrant Met
	Argyle Ave	Driveway/Carlos Ave	
<b>Number of Approach Lanes</b>	<b>2</b>	<b>1</b>	<b>NO</b>
<b>Traffic Volume (VPH) *</b>	<b>1,263</b>	<b>163</b>	

\* Note: Traffic Volume for Major Street is Total Volume of Both Approches.  
 Traffic Volume for Minor Street is the Volume of High Volume Approach.



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

Project Hollywood Center  
 Scenario CP2027\_AM Hotel  
 Peak Hour AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	94	6	64	29
Through	534	539	0	0
Right	5	85	99	41
<b>Total</b>	<b>633</b>	<b>630</b>	<b>163</b>	<b>70</b>

Major Street Direction

x	North/South
	East/West

Intersection Geometry

Number of Approach Lanes for Minor Street	1
Total Approaches	4

Worst Case Delay for Minor Street

Stopped Delay (seconds per vehicle)	153.6
Approach with Worst Case Delay	EB
Total Vehicles on Approach	163

<b>Warrant 3A, Peak Hour</b>			
	<b>Peak Hour Delay on Minor Approach (vehicle-hours)</b>	<b>Peak Hour Volume on Minor Approach (vph)</b>	<b>Peak Hour Entering Volume Served (vph)</b>
<b>CP2027_AM Hotel</b>	<b>7</b>	<b>163</b>	<b>1,496</b>
<b>Limiting Value</b>	<b>4</b>	<b>100</b>	<b>800</b>
<b>Condition Satisfied?</b>	<b>Met</b>	<b>Met</b>	<b>Met</b>
<b>Warrant Met</b>	<b><u>YES</u></b>		



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

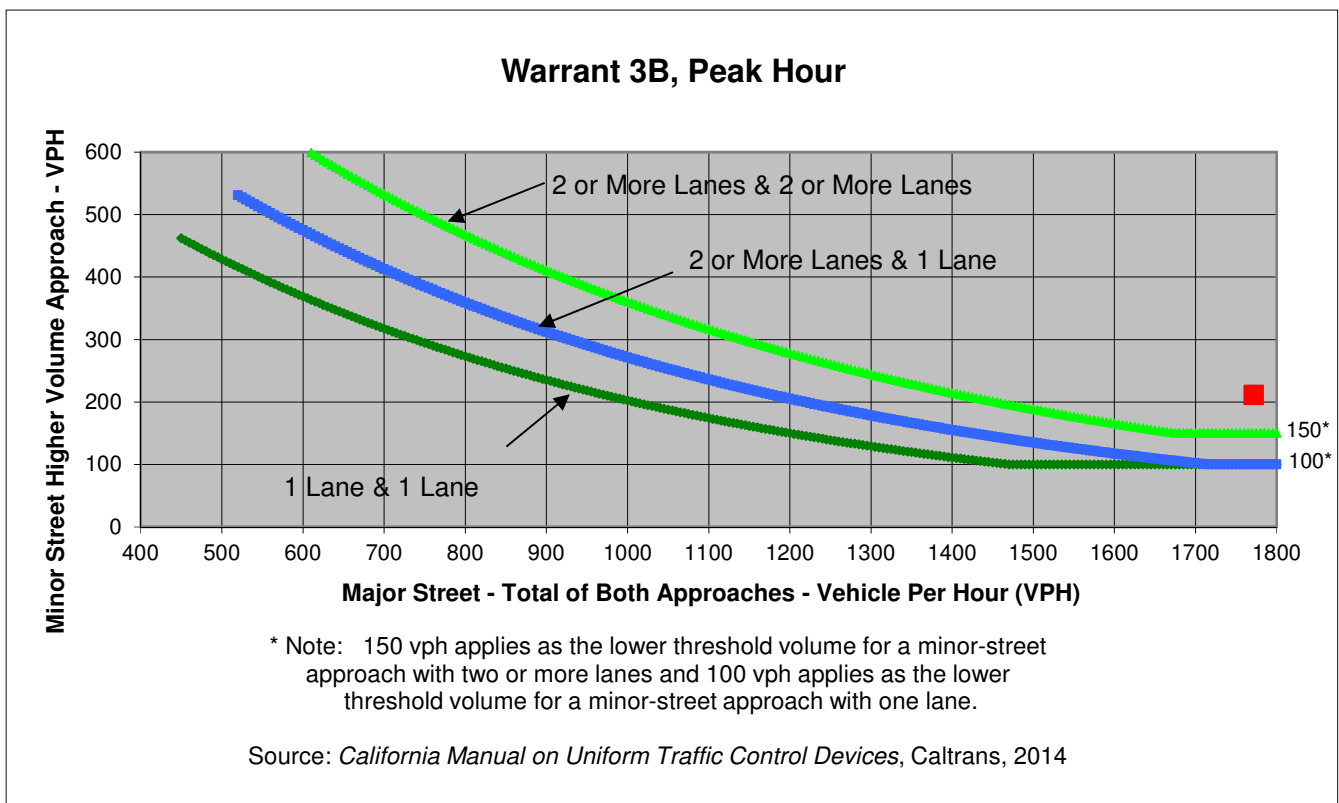
Project Hollywood Center  
 Scenario CP2027\_PM Hotel  
 Peak Hour PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	131	22	86	21
Through	1,118	351	0	0
Right	51	99	125	19
Total	1,300	472	211	40

Major Street Direction

x	North/South
	East/West



	Major Street	Minor Street	Warrant Met
	Argyle Ave	Driveway/Carlos Ave	
<b>Number of Approach Lanes</b>	<b>2</b>	<b>1</b>	<b>YES</b>
<b>Traffic Volume (VPH) *</b>	<b>1,772</b>	<b>211</b>	

\* Note: Traffic Volume for Major Street is Total Volume of Both Approches.  
 Traffic Volume for Minor Street is the Volume of High Volume Approach.



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

Project Hollywood Center  
 Scenario CP2027\_PM Hotel  
 Peak Hour PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	131	22	86	21
Through	1,118	351	0	0
Right	51	99	125	19
<b>Total</b>	<b>1,300</b>	<b>472</b>	<b>211</b>	<b>40</b>

Major Street Direction

x	North/South
	East/West

Intersection Geometry

Number of Approach Lanes for Minor Street	1
Total Approaches	4

Worst Case Delay for Minor Street

Stopped Delay (seconds per vehicle)	1468.2
Approach with Worst Case Delay	EB
Total Vehicles on Approach	211

<b>Warrant 3A, Peak Hour</b>			
	<b>Peak Hour Delay on Minor Approach (vehicle-hours)</b>	<b>Peak Hour Volume on Minor Approach (vph)</b>	<b>Peak Hour Entering Volume Serviced (vph)</b>
<b>CP2027_PM Hotel</b>	<b>86.1</b>	<b>211</b>	<b>2,023</b>
<b>Limiting Value</b>	<b>4</b>	<b>100</b>	<b>800</b>
<b>Condition Satisfied?</b>	<b>Met</b>	<b>Met</b>	<b>Met</b>
<b>Warrant Met</b>	<b><u>YES</u></b>		



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

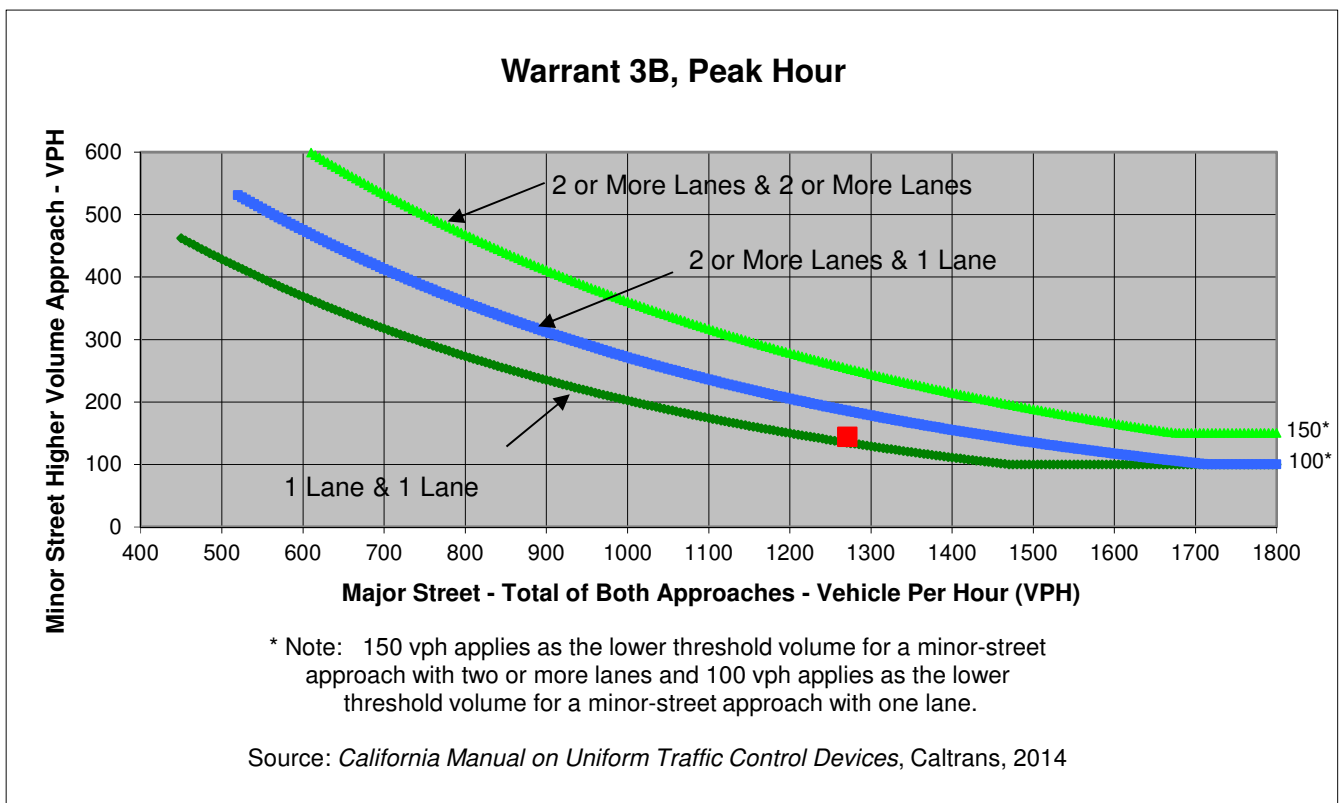
Project Hollywood Center  
 Scenario CP2040\_AM Residential  
 Peak Hour AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	77	7	57	30
Through	548	559	0	0
Right	5	75	87	44
Total	630	641	144	74

Major Street Direction

x	North/South
	East/West



	Major Street	Minor Street	Warrant Met
	Argyle Ave	Driveway/Carlos Ave	
<b>Number of Approach Lanes</b>	<b>2</b>	<b>1</b>	<b><u>NO</u></b>
<b>Traffic Volume (VPH) *</b>	<b>1,271</b>	<b>144</b>	

\* Note: Traffic Volume for Major Street is Total Volume of Both Approaches.  
 Traffic Volume for Minor Street is the Volume of High Volume Approach.





Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

Project Hollywood Center  
 Scenario CP2040\_AM Residential  
 Peak Hour AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	77	7	57	30
Through	548	559	0	0
Right	5	75	87	44
<b>Total</b>	<b>630</b>	<b>641</b>	<b>144</b>	<b>74</b>

Major Street Direction

x	North/South
	East/West

Intersection Geometry

Number of Approach Lanes for Minor Street	1
Total Approaches	4

Worst Case Delay for Minor Street

Stopped Delay (seconds per vehicle)	113.7
Approach with Worst Case Delay	EB
Total Vehicles on Approach	144

<b>Warrant 3A, Peak Hour</b>			
	<b>Peak Hour Delay on Minor Approach (vehicle-hours)</b>	<b>Peak Hour Volume on Minor Approach (vph)</b>	<b>Peak Hour Entering Volume Served (vph)</b>
<b>CP2040_AM Residential</b>	<b>4.5</b>	<b>144</b>	<b>1,489</b>
<b>Limiting Value</b>	<b>4</b>	<b>100</b>	<b>800</b>
<b>Condition Satisfied?</b>	<b>Met</b>	<b>Met</b>	<b>Met</b>
<b>Warrant Met</b>	<b><u>YES</u></b>		



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

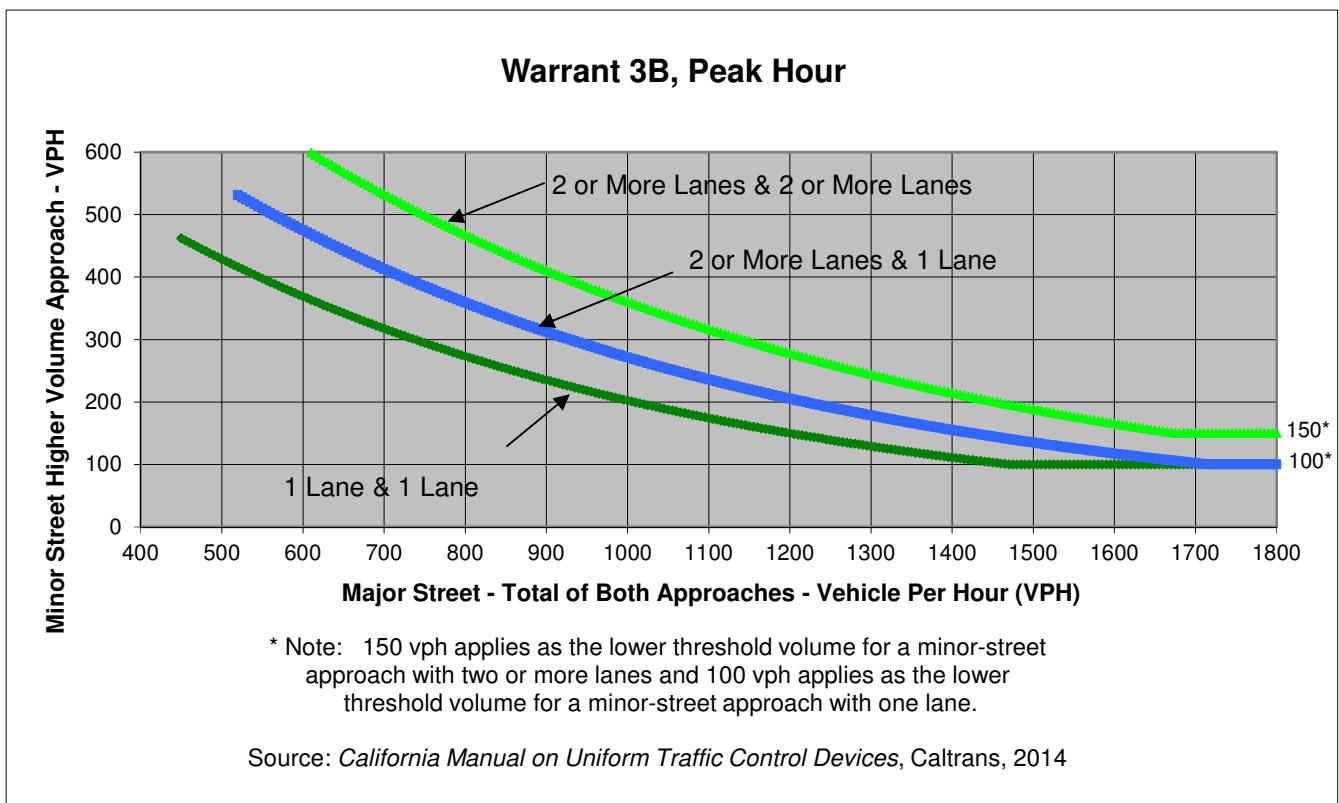
Project Hollywood Center  
 Scenario CP2040\_PM Residential  
 Peak Hour PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	129	23	82	22
Through	1,156	362	0	0
Right	53	98	117	20
Total	1,338	483	199	42

Major Street Direction

x	North/South
	East/West



	Major Street	Minor Street	Warrant Met
	Argyle Ave	Driveway/Carlos Ave	
<b>Number of Approach Lanes</b>	<b>2</b>	<b>1</b>	<b>YES</b>
<b>Traffic Volume (VPH) *</b>	<b>1,821</b>	<b>199</b>	

\* Note: Traffic Volume for Major Street is Total Volume of Both Approaches.  
 Traffic Volume for Minor Street is the Volume of High Volume Approach.

# FEHR & PEERS

Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

Project Hollywood Center  
 Scenario CP2040\_PM Residential  
 Peak Hour PM

## Turn Movement Volumes

	NB	SB	EB	WB
Left	129	23	82	22
Through	1,156	362	0	0
Right	53	98	117	20
<b>Total</b>	<b>1,338</b>	<b>483</b>	<b>199</b>	<b>42</b>

## Major Street Direction

<u>x</u>	North/South
	East/West

## Intersection Geometry

Number of Approach Lanes for Minor Street	1
Total Approaches	4

## Worst Case Delay for Minor Street

Stopped Delay (seconds per vehicle)	1561.6
Approach with Worst Case Delay	EB
Total Vehicles on Approach	199

<b>Warrant 3A, Peak Hour</b>			
	<b>Peak Hour Delay on Minor Approach (vehicle-hours)</b>	<b>Peak Hour Volume on Minor Approach (vph)</b>	<b>Peak Hour Entering Volume Served (vph)</b>
<b>CP2040_PM Residential</b>	<b>86.3</b>	<b>199</b>	<b>2,062</b>
<b>Limiting Value</b>	<b>4</b>	<b>100</b>	<b>800</b>
<b>Condition Satisfied?</b>	<b>Met</b>	<b>Met</b>	<b>Met</b>
<b>Warrant Met</b>	<b><u>YES</u></b>		



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

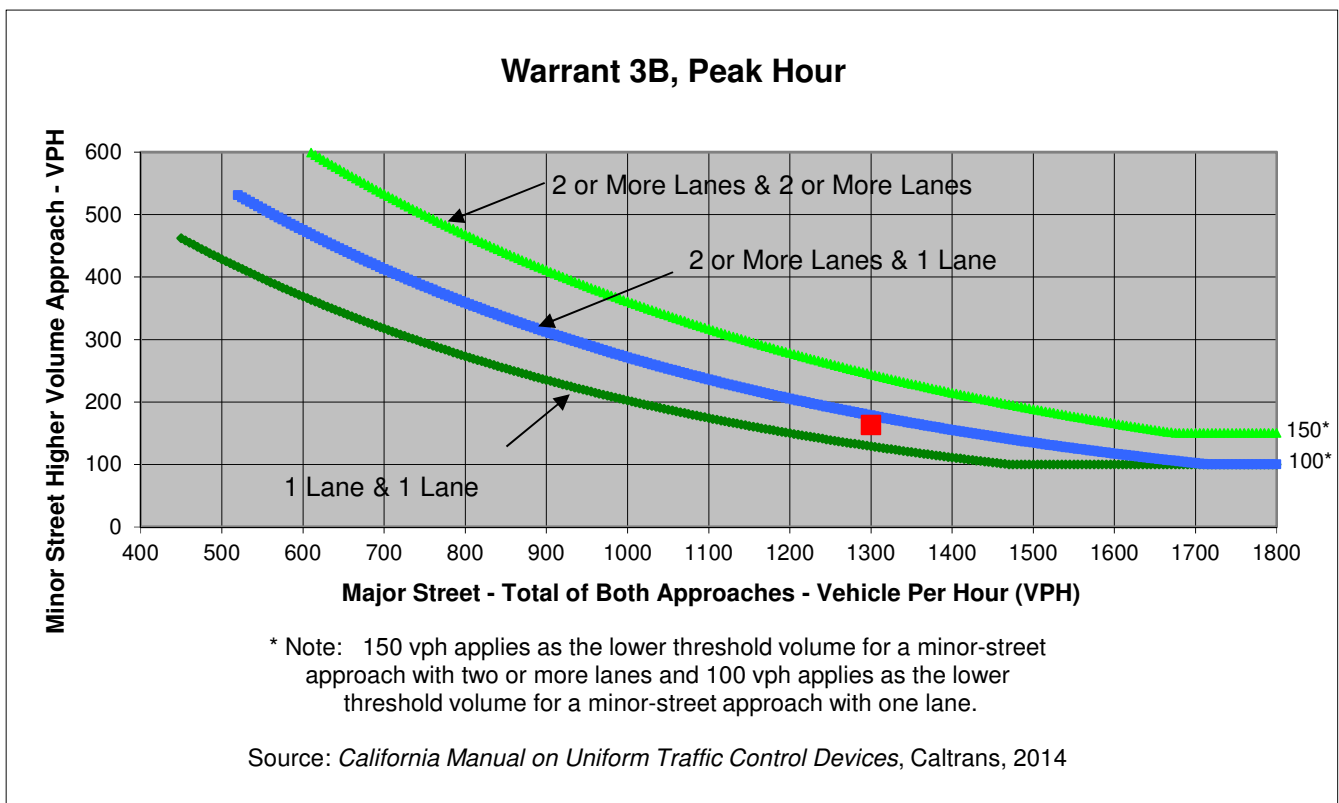
Project Hollywood Center  
 Scenario CP2040\_AM Hotel  
 Peak Hour AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	95	7	64	30
Through	548	559	0	0
Right	5	86	99	44
Total	648	652	163	74

Major Street Direction

x	North/South
	East/West



	Major Street	Minor Street	Warrant Met
	Argyle Ave	Driveway/Carlos Ave	
<b>Number of Approach Lanes</b>	<b>2</b>	<b>1</b>	<b>NO</b>
<b>Traffic Volume (VPH) *</b>	<b>1,300</b>	<b>163</b>	

\* Note: Traffic Volume for Major Street is Total Volume of Both Approaches.  
 Traffic Volume for Minor Street is the Volume of High Volume Approach.



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

Project Hollywood Center  
 Scenario CP2040\_AM Hotel  
 Peak Hour AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	95	7	64	30
Through	548	559	0	0
Right	5	86	99	44
<b>Total</b>	<b>648</b>	<b>652</b>	<b>163</b>	<b>74</b>

Major Street Direction

x	North/South
	East/West

Intersection Geometry

Number of Approach Lanes for Minor Street	1
Total Approaches	4

Worst Case Delay for Minor Street

Stopped Delay (seconds per vehicle)	181.5
Approach with Worst Case Delay	EB
Total Vehicles on Approach	163

<b>Warrant 3A, Peak Hour</b>			
	<b>Peak Hour Delay on Minor Approach (vehicle-hours)</b>	<b>Peak Hour Volume on Minor Approach (vph)</b>	<b>Peak Hour Entering Volume Serviced (vph)</b>
<b>CP2040_AM Hotel</b>	<b>8.2</b>	<b>163</b>	<b>1,537</b>
<b>Limiting Value</b>	<b>4</b>	<b>100</b>	<b>800</b>
<b>Condition Satisfied?</b>	<b>Met</b>	<b>Met</b>	<b>Met</b>
<b>Warrant Met</b>	<b><u>YES</u></b>		



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

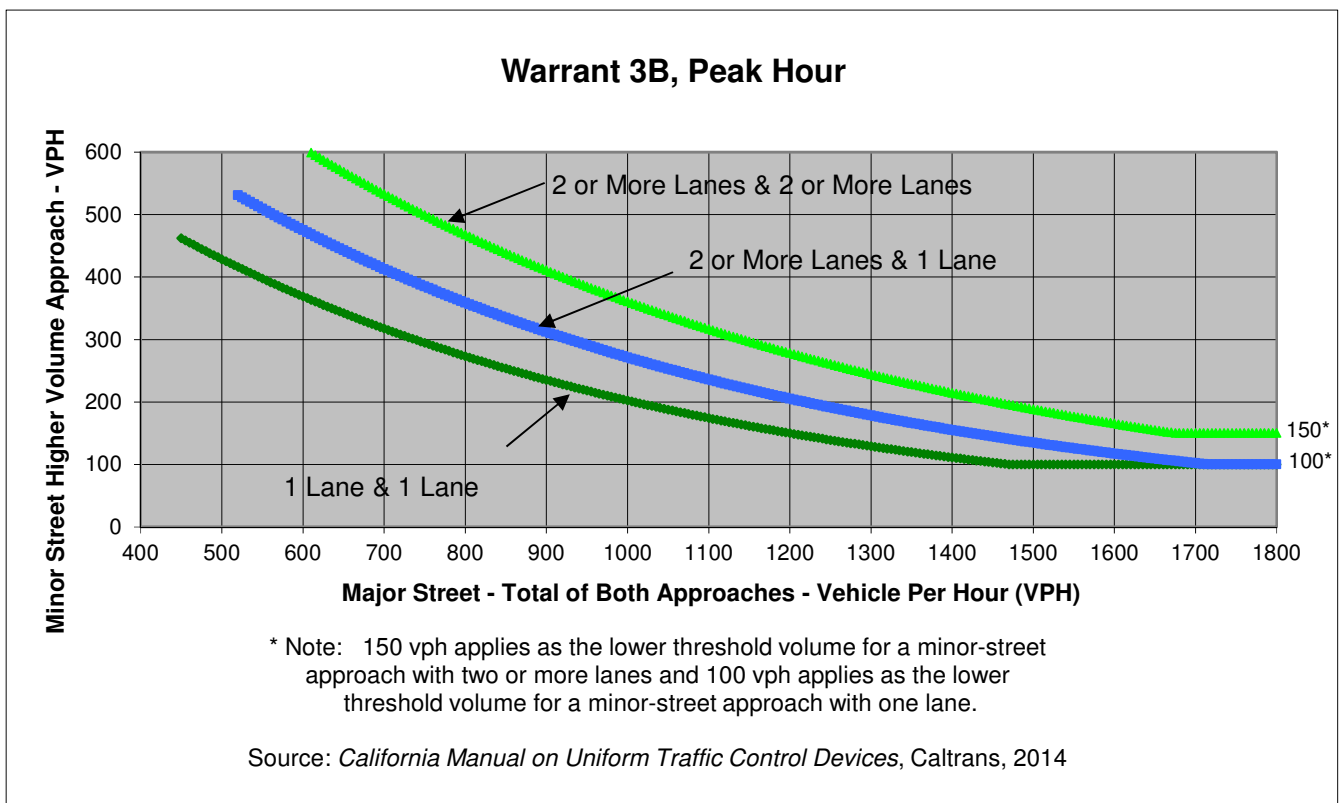
Project Hollywood Center  
 Scenario CP2040\_PM Hotel  
 Peak Hour PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	132	23	87	22
Through	1,156	362	0	0
Right	53	99	126	20
Total	1,341	484	213	42

Major Street Direction

x	North/South
	East/West



	Major Street	Minor Street	Warrant Met
	Argyle Ave	Driveway/Carlos Ave	
<b>Number of Approach Lanes</b>	<b>2</b>	<b>1</b>	<b>YES</b>
<b>Traffic Volume (VPH) *</b>	<b>1,825</b>	<b>213</b>	

\* Note: Traffic Volume for Major Street is Total Volume of Both Approaches.  
 Traffic Volume for Minor Street is the Volume of High Volume Approach.



Major Street Argyle Ave  
 Minor Street Driveway/Carlos Ave

Project Hollywood Center  
 Scenario CP2040\_PM Hotel  
 Peak Hour PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	132	23	87	22
Through	1,156	362	0	0
Right	53	99	126	20
<b>Total</b>	<b>1,341</b>	<b>484</b>	<b>213</b>	<b>42</b>

Major Street Direction

x	North/South
	East/West

Intersection Geometry

Number of Approach Lanes for Minor Street	1
Total Approaches	4

Worst Case Delay for Minor Street

Stopped Delay (seconds per vehicle)	1768.4
Approach with Worst Case Delay	EB
Total Vehicles on Approach	213

<b>Warrant 3A, Peak Hour</b>			
	<b>Peak Hour Delay on Minor Approach (vehicle-hours)</b>	<b>Peak Hour Volume on Minor Approach (vph)</b>	<b>Peak Hour Entering Volume Served (vph)</b>
<b>CP2040_PM Hotel</b>	<b>104.6</b>	<b>213</b>	<b>2,080</b>
<b>Limiting Value</b>	<b>4</b>	<b>100</b>	<b>800</b>
<b>Condition Satisfied?</b>	<b>Met</b>	<b>Met</b>	<b>Met</b>
<b>Warrant Met</b>	<b><u>YES</u></b>		

**TABLE X.1  
HOLLYWOOD CENTER  
SIGNAL WARRANT ANALYSIS - RESIDENTIAL SCENARIO**

NO.	INTERSECTION	PEAK HOUR	SIGNAL WARRANT MET?					
			EXISTING	EXISTING PLUS PROJECT	FUTURE (2027)	FUTURE (2027) PLUS PROJECT	FUTURE (2040)	FUTURE (2040) PLUS PROJECT
-	Argyle Avenue & Driveway/Carlos Ave	AM	-	NO	-	NO	-	YES
		PM	-	YES	-	YES	-	YES

**TABLE X.2  
HOLLYWOOD CENTER  
SIGNAL WARRANT ANALYSIS - HOTEL SCENARIO**

NO.	INTERSECTION	PEAK HOUR	SIGNAL WARRANT MET?					
			EXISTING	EXISTING PLUS PROJECT	FUTURE (2027)	FUTURE (2027) PLUS PROJECT	FUTURE (2040)	FUTURE (2040) PLUS PROJECT
-	Argyle Avenue & Driveway/Carlos Ave	AM	-	NO	-	YES	-	YES
		PM	-	YES	-	YES	-	YES