

Appendix D3
Freeway Analysis—
HCS Level of Service Worksheets

FREEWAY ANALYSIS – HCS LOS WORKSHEETS

CEQA BASELINE (2012)

AM/PM PEAK HOURS

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Northbound	South of C St
8/6/2013	AM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
4598	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1223	65.0	18.8	C
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-110/Northbound</p> <p>South of C St</p> <p>CALTRANS</p> <p>CEQA Baseline (2012)</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Southbound	
8/6/2013		South of C St	
AM Peak Hour		CALTRANS	
		CEQA Baseline (2012)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ		<input type="checkbox"/> O	
Flow Inputs			
3284		0.94	
		0	
		0	
		Level	
		mi	
Calculate Flow Adjustments			
1.00		1.2	
1.5		1.000	
Speed Inputs		Calc Speed Adj and FFS	
4			
65.0		65.0	
LOS and Performance Measures		Design (N)	
873			
65.0			
13.4			
B			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Northbound	At Santa Fe Av
8/6/2013	AM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
11854	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0	65.0	
LOS and Performance Measures		Design (N)	
2522	47.1	53.5	F
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Southbound	At Santa Fe Av
8/6/2013	AM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
7526	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
1601	64.4	24.8	C
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	At Alondra Bl
8/6/2013	AM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
7619	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
1621	64.3	25.2	C
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Northbound</p> <p>At Alondra Bl</p> <p>CALTRANS</p> <p>CEQA Baseline (2012)</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound At Alondra Bl	
8/6/2013		CALTRANS	
AM Peak Hour		CEQA Baseline (2012)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ		<input type="checkbox"/> O.A	
Flow Inputs			
9832	0.94	0	
		0	
		Level mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5			
65.0		65.0	
LOS and Performance Measures		Design (N)	
2092			
58.2			
35.9			
E			
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound Between I-405 & Del Amo Bl CALTRANS CEQA Baseline (2012)	
8/6/2013	AM Peak Hour	YTI Project - Port of Los Angeles	
<input checked="" type="checkbox"/> UJ ^I EŠUÙD		<input type="checkbox"/> Ö• EŠD	
<input type="checkbox"/> Ú a} a * ÖaaÁ			
Flow Inputs			
8002	0.94	0	
0	0	Level	
		mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	55.0	55.0	
LOS and Performance Measures		Design (N)	
2128	52.3	40.7	
E			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	Between PCH & Willow St
8/6/2013	AM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
5943	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
2107	52.7	40.0	E
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Northbound</p> <p>Between PCH & Willow St</p> <p>CALTRANS</p> <p>CEQA Baseline (2012)</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	
8/6/2013		Between PCH & Willow St	
AM Peak Hour		CALTRANS	
YTI Project - Port of Los Angeles		CEQA Baseline (2012)	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U æ } q * AææÁ			
Flow Inputs			
6759	ç^ @E	U^æ E ~ Aæ&ç EUP Ø	0.94
	ç^ @ææ	Ã Vi^ & • Aæ a O^ • ^ EÜV	0
		Ã UX • EÜJ	0
		Ö^) ^i æ A^i i æ	Level
	ç^ @E	Öi æ ^ Aææ Aæææ) * c@	mi
Calculate Flow Adjustments			
1.00		AÖJ	1.2
1.5		A p X Aææ EÜV ÇV Eæ DEÜ ÇÜ Eæ D	1.000
Speed Inputs		Calc Speed Adj and FFS	
	ç^ @A		{ } @A
	ç^ @A		{ } @A
3		A s y	{ } @A
	i æ • E æ	A s o	{ } @A
	{ } @A	AÜÖAæ b • ç ^ } c	{ } @A
55.0		AæÜ	55.0
	{ } @A		{ } @A
LOS and Performance Measures		Design (N)	
		O^ • a } A p D	
		O^ • a } A s UÜ	
2397] & Eæ	çj M X A^ AÖP X D AÜ P Ç A P Aæ P X] & Eæ
	{ } @A	çj D	{ } @A
46.2		ÜA	{ } @A
51.9] & Eæ æ A	Ö A M çj AÜ] & Eæ æ A
F		Ü^ ~ a^ a A^ ~ { a^ i A^ Aæ ^ Eæ	
Glossary		Factor Location	
		ÖJ EÖç @æ Aæ FFE Eæ FFE G	Aææ s y EÖç @æ Aæ FFE
		ÖV EÖç @æ Aæ FFE Eæ FFE FFE FFE H	Aææ s o EÖç @æ Aæ FFE
		J EÜæ ^ Aæ FFE i	Aææ UÖ EÜæ ^ Aæ FFE F
		SÜU EÜ Aæ ÇÜ Eæ j EÖç @æ Aæ FFE Eæ	
		FFE A	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	
8/6/2013		North of Florence Av	
AM Peak Hour		CALTRANS	
		CEQA Baseline (2012)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8916	0.94	0	
		0	
		Level	
		mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0	65.0	
LOS and Performance Measures		Design (N)	
2371	51.6	45.9	
		F	
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	North of Florence Av
8/6/2013	AM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
7291	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1939	60.9	31.8	D
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Southbound</p> <p>North of Florence Av</p> <p>CALTRANS</p> <p>CEQA Baseline (2012)</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	n/o I-105 and n/o Firestone
8/6/2013	AM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> Urban		<input type="checkbox"/> Rural	
Flow Inputs			
8929	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
4	65.0	65.0	
LOS and Performance Measures		Design (N)	
2375	51.5	46.1	F
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p>		<p>I-710/Northbound</p> <p>n/o I-105 and n/o Firestone</p> <p>CALTRANS</p> <p>CEQA Baseline (2012)</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	n/o I-105 & n/o Firestone
8/6/2013	AM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8227	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2188	56.2		
38.9	E		
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47 Northbound	at Cdre. Schuyler Heim Bridge
8/6/2013	AM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD	<input type="checkbox"/> O^ EPD	<input type="checkbox"/> U a} a * Aaaa	
Flow Inputs			
442	0.94	0	0
Level	mi		
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0	55.0	
LOS and Performance Measures		Design (N)	
157	55.0	2.9	A
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47 Northbound</p> <p>at Cdre. Schuyler Heim Bridge</p> <p>CALTRANS</p> <p>CEQA Baseline (2012)</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 AM Peak Hour	RA Raju Associates 8/6/2013 AM Peak Hour	SR-47 Southbound at Cdre. Schuyler Heim Bridge CALTRANS CEQA Baseline (2012)	SR-47 Southbound at Cdre. Schuyler Heim Bridge CALTRANS CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^I EŠUÙD		<input type="checkbox"/> Ö• EŠD	
<input type="checkbox"/> Ú a} } a * ÖæaÁ			
Flow Inputs			
756 0 0 0	756 0 0 0	0.94 0 0 Level mi	0.94 0 0 Level mi
Calculate Flow Adjustments			
1.00 1.5	1.00 1.5	1.2 1.000	1.2 1.000
Speed Inputs		Calc Speed Adj and FFS	
3 55.0	3 55.0	55.0 55.0	55.0 55.0
LOS and Performance Measures		Design (N)	
268 55.0 4.9 A	268 55.0 4.9 A	268 55.0 4.9 A	268 55.0 4.9 A
Glossary		Factor Location	
[Detailed glossary text describing symbols and terms used in the worksheet]		[Detailed factor location text describing the layout and components of the design]	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47/Westbound	at Vincent Thomas Bridge
8/6/2013	AM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
2199	0.94	0	0
	Level		
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
2	55.0		55.0
LOS and Performance Measures		Design (N)	
1170	55.0	21.3	C
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47/Westbound</p> <p>at Vincent Thomas Bridge</p> <p>CALTRANS</p> <p>CEQA Baseline (2012)</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47/Eastbound	at Vincent Thomas Bridge
8/6/2013	AM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
2466	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
2	55.0	55.0	
LOS and Performance Measures		Design (N)	
1312	55.0	23.9	C
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-91/Eastbound	East of Alameda St & Santa Fe
8/6/2013	AM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD	<input type="checkbox"/> O^ EPD	<input type="checkbox"/> U a } a * Aaaa	
Flow Inputs			
7829	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
6	65.0	65.0	
LOS and Performance Measures		Design (N)	
1388	65.0	21.4	C
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Southbound	
8/6/2013	PM Peak Hour	South of C St	
YTI Project - Port of Los Angeles		CALTRANS	
<input checked="" type="checkbox"/> U/I <input type="checkbox"/> O/I <input type="checkbox"/> U/I		CEQA Baseline (2012)	
Flow Inputs			
4575	0.94	0	
0	0	Level	
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
4	65.0	65.0	
LOS and Performance Measures		Design (N)	
1217	65.0	18.7	
C		C	
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p> <p>U/I <input checked="" type="checkbox"/> O/I <input type="checkbox"/> U/I <input type="checkbox"/></p>		<p>I-110/Southbound</p> <p>South of C St</p> <p>CALTRANS</p> <p>CEQA Baseline (2012)</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Northbound	At Santa Fe Av
8/6/2013	PM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
9238	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
1966	60.5	32.5	D
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p> <p><input checked="" type="checkbox"/> U</p> <p><input type="checkbox"/> D</p> <p><input type="checkbox"/> *</p>		<p>I-405/Northbound</p> <p>At Santa Fe Av</p> <p>CALTRANS</p> <p>CEQA Baseline (2012)</p> <p>U</p> <p>D</p> <p>*</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Southbound	At Santa Fe Av
8/6/2013	PM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
11313	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
2407	50.6	47.5	F
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p> <p><input checked="" type="checkbox"/> U</p> <p><input type="checkbox"/> O</p> <p><input type="checkbox"/> U</p>		<p>I-405/Southbound</p> <p>At Santa Fe Av</p> <p>CALTRANS</p> <p>CEQA Baseline (2012)</p> <p>U</p> <p>O</p> <p>U</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound At Alondra Bl	
8/6/2013		CALTRANS	
PM Peak Hour		CEQA Baseline (2012)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8768	0.94	0	
		0	
		Level mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5			
65.0		65.0	
LOS and Performance Measures		Design (N)	
1866			
61.9			
30.1			
D			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	At Alondra Bl
8/6/2013	PM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
7808	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
1661	64.0	25.9	C
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p> <p><input checked="" type="checkbox"/> U</p> <p><input type="checkbox"/> D</p> <p><input type="checkbox"/> *</p>		<p>I-710/Southbound</p> <p>At Alondra Bl</p> <p>CALTRANS</p> <p>CEQA Baseline (2012)</p> <p>U</p> <p>D</p> <p>*</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound Between I-405 & Del Amo Bl	
8/6/2013	PM Peak Hour	CALTRANS CEQA Baseline (2012)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a } a * Aaaa			
Flow Inputs			
7021	0.94	0	
0	0	Level	
		mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	55.0	55.0	
LOS and Performance Measures		Design (N)	
1867	54.9	34.0	
D		D	
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	Between PCH & Willow St
8/6/2013	PM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
5724	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
2030	53.7		
37.8	E		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound Between PCH & Willow St CALTRANS CEQA Baseline (2012)	
8/6/2013	PM Peak Hour	YTI Project - Port of Los Angeles	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U a} a * Aaaa			
Flow Inputs			
6148	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0	55.0	
LOS and Performance Measures		Design (N)	
2180	51.4	42.4	E
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	North of Florence Av
8/6/2013	PM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
7264	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1932	61.0	31.7	D
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Northbound</p> <p>North of Florence Av</p> <p>CALTRANS</p> <p>CEQA Baseline (2012)</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	North of Florence Av
8/6/2013	PM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8122	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
4	65.0	65.0	
LOS and Performance Measures		Design (N)	
2160	56.8	38.0	E
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	n/o I-105 and n/o Firestone
8/6/2013	PM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8003	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2128	57.5		
	37.0		
E			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	n/o I-105 & n/o Firestone
8/6/2013	PM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8739	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
4	65.0	65.0	
LOS and Performance Measures		Design (N)	
2324	52.9	43.9	E
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p> <p><input checked="" type="checkbox"/> U</p> <p><input type="checkbox"/> O</p> <p><input type="checkbox"/> U</p>		<p>I-710/Southbound</p> <p>n/o I-105 & n/o Firestone</p> <p>CALTRANS</p> <p>CEQA Baseline (2012)</p> <p>YTI Project - Port of Los Angeles</p> <p><input checked="" type="checkbox"/> U</p> <p><input type="checkbox"/> O</p> <p><input type="checkbox"/> U</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47 Northbound at Cdre. Schuyler Heim Bridge	
8/6/2013	PM Peak Hour	CALTRANS CEQA Baseline (2012)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Aaaa			
Flow Inputs			
1021	0.94	0	
0	0	Level	
		mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0	55.0	
LOS and Performance Measures		Design (N)	
362	55.0	6.6	
A	A		
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47 Southbound	at Cdre. Schuyler Heim Bridge
8/6/2013	PM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
Flow Inputs			
791	0.94	0	0
Level		mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0	55.0	
LOS and Performance Measures		Design (N)	
280	55.0	5.1	A
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47 Southbound</p> <p>at Cdre. Schuyler Heim Bridge</p> <p>CALTRANS</p> <p>CEQA Baseline (2012)</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47/Westbound	at Vincent Thomas Bridge
8/6/2013	PM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
3015	0.94	0	0
	Level		
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
2	55.0	55.0	
LOS and Performance Measures		Design (N)	
1604	55.0	29.2	D
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47/Westbound</p> <p>at Vincent Thomas Bridge</p> <p>CALTRANS</p> <p>CEQA Baseline (2012)</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 PM Peak Hour	SR-47/Eastbound at Vincent Thomas Bridge CALTRANS CEQA Baseline (2012)	YTI Project - Port of Los Angeles	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
Flow Inputs			
2690 0.94 0 0 Level mi	2690 0.94 0 0 Level mi	2690 0.94 0 0 Level mi	
Calculate Flow Adjustments			
1.00 1.5	1.2 1.000	1.00 1.5	
Speed Inputs		Calc Speed Adj and FFS	
2 55.0	55.0	55.0	
LOS and Performance Measures		Design (N)	
1431 55.0 26.0 D	1431 55.0 26.0 D	1431 55.0 26.0 D	
Glossary		Factor Location	
[Glossary text describing various symbols and terms used in the worksheet]		[Factor Location text describing various symbols and terms used in the worksheet]	

BASIC FREEWAY SEGMENTS WORKSHEET					
General Information			Site Information		
RA			SR-91/Westbound		
Raju Associates			East of Alameda St & Santa Fe		
8/6/2013			CALTRANS		
PM Peak Hour			CEQA Baseline (2012)		
YTI Project - Port of Los Angeles					
<input checked="" type="checkbox"/> UJ ^I EŠUÙD		<input type="checkbox"/> Ö• EŠD		<input type="checkbox"/> Ú a} a * Öaaa	
Flow Inputs					
7082			0.94		
			0		
			0		
			Level		
			mi		
Calculate Flow Adjustments					
1.00			1.2		
1.5			1.000		
Speed Inputs			Calc Speed Adj and FFS		
6					
65.0			65.0		
LOS and Performance Measures			Design (N)		
1256					
65.0					
19.3					
C					
Glossary			Factor Location		

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-91/Eastbound	East of Alameda St & Santa Fe
8/6/2013	PM Peak Hour	CALTRANS	CEQA Baseline (2012)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Aaaa			
Flow Inputs			
9129	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
6	65.0	65.0	
LOS and Performance Measures		Design (N)	
1619	64.3	25.2	C
Glossary		Factor Location	

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PROPOSED PROJECT (2026)

AM/PM PEAK HOURS

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Northbound	South of C St
8/6/2013	AM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U a} a * Aaaa			
Flow Inputs			
6392	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1700	63.7		
26.7			
D			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Southbound	
8/6/2013		South of C St	
AM Peak Hour		CALTRANS	
YTI Project - Port of Los Angeles		Proposed Project (2026)	
<input checked="" type="checkbox"/> U/I <input type="checkbox"/> O/I <input type="checkbox"/> U/I			
Flow Inputs			
4492	0.94	0	0
			Level
			mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0	65.0	
LOS and Performance Measures		Design (N)	
1195	65.0	18.4	C
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Northbound at Santa Fe Av	
8/6/2013	AM Peak Hour	CALTRANS	
YTI Project - Port of Los Angeles		Proposed Project (2026)	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U a} a * Aaaa			
Flow Inputs			
12796	0.94	0	
0	0	Level mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0	65.0	
LOS and Performance Measures		Design (N)	
2723	40.2	67.8	
F			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Southbound at Santa Fe Av	
8/6/2013		CALTRANS	
AM Peak Hour		Proposed Project (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8892	0.94	0	
		0	
		Level mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5			
65.0		65.0	
LOS and Performance Measures		Design (N)	
1892			
61.6			
30.7			
D			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound at Alondra Bl	
8/6/2013	AM Peak Hour	CALTRANS Proposed Project (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8128	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
1729	63.5	27.2	D
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Northbound at Alondra Bl</p> <p>CALTRANS Proposed Project (2026)</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound at Alondra Bl	
8/6/2013		CALTRANS	
AM Peak Hour		Proposed Project (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
10588	0.94	0	
		0	
		Level mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5			
65.0		65.0	
LOS and Performance Measures		Design (N)	
2253			
54.7			
41.2			
E			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound Between I-405 & Del Amo Bl CALTRANS Proposed Project (2026)	
8/6/2013	AM Peak Hour	YTI Project - Port of Los Angeles	
<input checked="" type="checkbox"/> UJ ^I EŠUÙD		<input type="checkbox"/> Ö• EŠD	
<input type="checkbox"/> Ú a} a * ÖaaÁ			
Flow Inputs			
8758	0.94	0	
0	0	Level	
		mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	55.0	55.0	
LOS and Performance Measures		Design (N)	
2329	48.1	48.4	
		F	
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET					
General Information			Site Information		
RA		I-710/Southbound			
Raju Associates		Between I-405 & Del Amo Blvd			
8/6/2013		CALTRANS			
AM Peak Hour		Proposed Project (2026)			
YTI Project - Port of Los Angeles					
<input checked="" type="checkbox"/> U/J		<input type="checkbox"/> O/P/D		<input type="checkbox"/> U/J	
Flow Inputs					
9197	0.94	0	0	Level	mi
Calculate Flow Adjustments					
1.00	1.2	1.000			
1.5					
Speed Inputs			Calc Speed Adj and FFS		
4	55.0	55.0			
LOS and Performance Measures			Design (N)		
2446	44.7	54.7	F		
Glossary			Factor Location		

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	Between PCH & Willow St
8/6/2013	AM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
7979	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
2829	28.9		
98.0	F		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	
8/6/2013		Between PCH & Willow St	
AM Peak Hour		CALTRANS	
YTI Project - Port of Los Angeles		Proposed Project (2026)	
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8685	0.94	0	
		0	
		Level	
		mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3			
55.0		55.0	
LOS and Performance Measures		Design (N)	
3080			
14.5			
211.7			
F			
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	North of Florence Av
8/6/2013	AM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
9245	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
4	65.0	65.0	
LOS and Performance Measures		Design (N)	
2459	49.1	50.1	F
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	North of Florence Av
8/6/2013	AM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
7697	0.94	0	0
			Level
			mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2047	59.1		
34.7	D		
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	n/o I-105 and n/o Firestone
8/6/2013	AM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
9237	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0	65.0	
LOS and Performance Measures		Design (N)	
2457	49.2	50.0	F
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	n/o I-105 & n/o Firestone
8/6/2013	AM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8366	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
4	65.0	65.0	
LOS and Performance Measures		Design (N)	
2225	55.3	40.2	E
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Southbound</p> <p>n/o I-105 & n/o Firestone</p> <p>CALTRANS</p> <p>Proposed Project (2026)</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47 Northbound	at Cdre. Schuyler Heim Bridge
8/6/2013	AM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
2604		0.94	
		0	
		0	
		Level	
		mi	
Calculate Flow Adjustments			
1.00		1.2	
1.5		1.000	
Speed Inputs		Calc Speed Adj and FFS	
3			
55.0		55.0	
LOS and Performance Measures		Design (N)	
923			
55.0			
16.8			
B			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA		SR-47 Southbound	
Raju Associates		at Cdre. Schuyler Heim	
8/6/2013		Bridge	
AM Peak Hour		CALTRANS	
YTI Project - Port of Los Angeles		Proposed Project (2026)	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Oaaa			
Flow Inputs			
3445	0.94		
	0		
	0		
		Level	
		mi	
Calculate Flow Adjustments			
1.00	1.2		
1.5	1.000		
Speed Inputs		Calc Speed Adj and FFS	
3			
55.0		55.0	
LOS and Performance Measures		Design (N)	
1222			
55.0			
22.2			
C			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47/Westbound	at Vincent Thomas Bridge
8/6/2013	AM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
3526	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
2	55.0	55.0	
LOS and Performance Measures		Design (N)	
1876	54.9	34.2	D
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47/Eastbound	at Vincent Thomas Bridge
8/6/2013	AM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U/I		<input type="checkbox"/> O/I	
Flow Inputs			
3416	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
2	55.0		55.0
LOS and Performance Measures		Design (N)	
1817	55.0	33.0	D
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47/Eastbound</p> <p>at Vincent Thomas Bridge</p> <p>CALTRANS</p> <p>Proposed Project (2026)</p>	

BASIC FREEWAY SEGMENTS WORKSHEET					
General Information			Site Information		
RA			SR-91/Eastbound		
Raju Associates			East of Alameda St & Santa Fe		
8/6/2013			CALTRANS		
AM Peak Hour			Proposed Project (2026)		
YTI Project - Port of Los Angeles					
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD		<input type="checkbox"/> U a} a * Aaaa	
Flow Inputs					
8037			0.94		
			0		
			0		
			Level		
			mi		
Calculate Flow Adjustments					
1.00			1.2		
1.5			1.000		
Speed Inputs			Calc Speed Adj and FFS		
6					
65.0			65.0		
LOS and Performance Measures			Design (N)		
1425					
65.0					
21.9					
C					
Glossary			Factor Location		

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Northbound	
8/6/2013		South of C St	
PM Peak Hour		CALTRANS	
YTI Project - Port of Los Angeles		Proposed Project (2026)	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U a} a * Aaaa			
Flow Inputs			
5241	0.94	0	
0	0	Level	
		mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0	65.0	
LOS and Performance Measures			
1394	65.0	21.4	
		C	
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Southbound	South of C St
8/6/2013	PM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
5156		0.94	
		0	
		0	
		Level	mi
Calculate Flow Adjustments			
1.00		1.2	
1.5		1.000	
Speed Inputs		Calc Speed Adj and FFS	
4			
65.0		65.0	
LOS and Performance Measures		Design (N)	
1371			
65.0			
21.1			
C			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Northbound	at Santa Fe Av
8/6/2013	PM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
9934	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
2114	57.8	36.6	E
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-405/Northbound</p> <p>at Santa Fe Av</p> <p>CALTRANS</p> <p>Proposed Project (2026)</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Southbound at Santa Fe Av	
8/6/2013		CALTRANS	
PM Peak Hour		Proposed Project (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
13025	0.94	0	
		0	
		Level mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5			
65.0		65.0	
LOS and Performance Measures		Design (N)	
2771			
38.3			
72.3			
F			
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound at Alondra Bl	
8/6/2013	PM Peak Hour	CALTRANS Proposed Project (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U a} a * Aaaa			
Flow Inputs			
9042	0.94	0	
		0	
		Level mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0	65.0	
LOS and Performance Measures		Design (N)	
1924	61.1	61.1	
31.5	D	D	
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Northbound at Alondra Bl</p> <p>CALTRANS Proposed Project (2026)</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound at Alondra Bl	
8/6/2013	PM Peak Hour	CALTRANS	
YTI Project - Port of Los Angeles		Proposed Project (2026)	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U a} a * Aaaa			
Flow Inputs			
7880	0.94	0	
0	0	Level mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0	65.0	
LOS and Performance Measures		Design (N)	
1677	63.9	63.9	
26.2	D	D	
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	Between PCH & Willow St
8/6/2013	PM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
6274	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
2225	50.5	44.0	E
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p> <p><input checked="" type="checkbox"/> U</p> <p><input type="checkbox"/> D</p> <p><input type="checkbox"/> *</p>		<p>I-710/Northbound</p> <p>Between PCH & Willow St</p> <p>CALTRANS</p> <p>Proposed Project (2026)</p> <p>Level mi</p> <p>1.000</p> <p>3</p> <p>55.0</p> <p>55.0</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound Between PCH & Willow St CALTRANS Proposed Project (2026)	
8/6/2013	PM Peak Hour	YTI Project - Port of Los Angeles	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U a} a * Aaaa			
Flow Inputs			
6323	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0	55.0	
LOS and Performance Measures		Design (N)	
2242	50.2	44.7	E
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	North of Florence Av
8/6/2013	PM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
7515	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0	65.0	
LOS and Performance Measures		Design (N)	
1999	59.9	33.4	D
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	North of Florence Av
8/6/2013	PM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8734	0.94	0	0
			Level
			mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2323	52.9	43.9	E
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	n/o I-105 and n/o Firestone
8/6/2013	PM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8230	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2189	56.2		
39.0	E		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	n/o I-105 & n/o Firestone
8/6/2013	PM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
9042	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0	65.0	
LOS and Performance Measures		Design (N)	
2405	50.7	47.5	F
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47/Northbound at Cdre. Schuyler Heim Bridge	
8/6/2013	PM Peak Hour	CALTRANS Proposed Project (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Aaaa			
Flow Inputs			
2304	0.94	0	
Level		mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0	55.0	
LOS and Performance Measures		Design (N)	
817	55.0	14.9	
B		A	
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47/Northbound at Cdre. Schuyler Heim Bridge</p> <p>CALTRANS Proposed Project (2026)</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET							
General Information				Site Information			
RA		Raju Associates		SR-47/Southbound at Cdre. Schuyler Heim Bridge			
8/6/2013		PM Peak Hour		CALTRANS Proposed Project (2026)			
YTI Project - Port of Los Angeles							
<input checked="" type="checkbox"/> U				<input type="checkbox"/> D		<input type="checkbox"/> A	
Flow Inputs							
1945	0.94	0	0	Level mi			
Calculate Flow Adjustments							
1.00	1.2	1.000					
1.5							
Speed Inputs				Calc Speed Adj and FFS			
3	55.0	55.0					
LOS and Performance Measures				Design (N)			
690	55.0	12.5	B				
Glossary				Factor Location			
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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47/Westbound	at Vincent Thomas Bridge
8/6/2013	PM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
3411	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
2	55.0		55.0
LOS and Performance Measures		Design (N)	
1814	55.0		
	33.0		
	D		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47/Eastbound	at Vincent Thomas Bridge
8/6/2013	PM Peak Hour	CALTRANS	Proposed Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
4237	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
2	55.0		55.0
LOS and Performance Measures		Design (N)	
2254	49.9	45.2	F
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47/Eastbound</p> <p>at Vincent Thomas Bridge</p> <p>CALTRANS</p> <p>Proposed Project (2026)</p>	

BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
RA	Raju Associates	SR-91/Eastbound	East of Alameda St & Santa Fe
8/6/2013	PM Peak Hour	CALTRANS	Proposed Project (2026)

YTI Project - Port of Los Angeles

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 O^ EPD
 U|a} a * Aaaa

Flow Inputs

7271	0.94	0	0	Level	mi
------	------	---	---	-------	----

Calculate Flow Adjustments

1.00	1.2	1.000
1.5		

Speed Inputs

Speed Inputs	Calc Speed Adj and FFS
6	
65.0	65.0

LOS and Performance Measures

LOS and Performance Measures	Design (N)
1289	
65.0	
19.8	
C	

Glossary

Glossary	Factor Location

NO PROJECT ALTERNATIVE (2026) – ALTERNATIVE 1

AM/PM PEAK HOURS

BASIC FREEWAY SEGMENTS WORKSHEET

General Information			Site Information		
RA Raju Associates 8/6/2013 AM Peak Hour			I-710/Northbound n/o I-105 and n/o Firestone CALTRANS No Project Alternative (2026)		
YTI Project - Port of Los Angeles					
<input checked="" type="checkbox"/> U 11 E S U U D			<input type="checkbox"/> O ^ P D		<input type="checkbox"/> U a } a * A a a A
Flow Inputs					
8949	0.94		0	0	Level mi
Calculate Flow Adjustments					
1.00		1.2	1.000		
1.5					
Speed Inputs			Calc Speed Adj and FFS		
4	65.0			65.0	
LOS and Performance Measures			Design (N)		
2380	51.4	46.3	F		
Glossary			Factor Location		
<p>RA</p> <p>X [] ^ Á</p> <p>U Á</p> <p>Ö P X Á</p>			<p>Ö ^ } P D</p> <p>Ö ^ } S U U</p> <p>U Á</p> <p>Ö Á Á U</p> <p>U ^ ~ a a P { a Á Á Á</p>		

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	n/o I-105 & n/o Firestone
8/6/2013		CALTRANS	No Project Alternative (2026)
AM Peak Hour			
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD	<input type="checkbox"/> O^ E D	<input type="checkbox"/> U a } a * Aaaa	
Flow Inputs			
8261	0.94		
	0		
	0		
	Level		
	mi		
Calculate Flow Adjustments			
1.00	1.2		
1.5	1.000		
Speed Inputs		Calc Speed Adj and FFS	
4	65.0	65.0	
LOS and Performance Measures		Design (N)	
2197	56.0		
39.2	E		
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 AM Peak Hour		I-110/Northbound South of C St CALTRANS No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ÈŠUÙD		<input type="checkbox"/> Ö• ÈD	
Flow Inputs			
4643 0.94 0 0 Level mi			
Calculate Flow Adjustments			
1.00 1.5		1.2 1.000	
Speed Inputs		Calc Speed Adj and FFS	
4 65.0		65.0	
LOS and Performance Measures		Design (N)	
1235 65.0 19.0 C			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Northbound	At Santa Fe Av
8/6/2013		CALTRANS	No Project Alternative (2026)
AM Peak Hour		YTI Project - Port of Los Angeles	
<input checked="" type="checkbox"/> UJ ^ ÈŠUÙD		<input type="checkbox"/> Ö• ÈD	
<input type="checkbox"/> Ú æ } ä * ÖææÁ			
Flow Inputs			
11854	ç^ @E	0.94	
	ç^ @æ	0	
		0	
	ç^ @E	Level	
		mi	
Calculate Flow Adjustments			
1.00		1.2	
1.5		1.000	
Speed Inputs		Calc Speed Adj and FFS	
5			
65.0	{ } @	65.0	{ } @
	{ } @		
LOS and Performance Measures		Design (N)	
2522] &E@] &E@
47.1	{ } @		{ } @
53.5] &E @ Á] &E @ Á
F			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	At Alondra Bl
8/6/2013	AM Peak Hour	CALTRANS	No Project Alternative (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ÈŠUÙD		<input type="checkbox"/> Ö• ÈD	
Flow Inputs			
7676	ç^ @E	0.94	
	ç^ @æ	0	
		0	
	ç^ @E	mi	
Calculate Flow Adjustments			
1.00		1.2	
1.5		1.000	
Speed Inputs		Calc Speed Adj and FFS	
5			
65.0		65.0	
LOS and Performance Measures		Design (N)	
1633			
64.2			
25.4			
C			
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound At Alondra Bl CALTRANS No Project Alternative (2026)	
8/6/2013	AM Peak Hour		
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> USU	<input type="checkbox"/> PD	<input type="checkbox"/> *A	
Flow Inputs			
9915		0.94	
		0	
		0	
		Level	
		mi	
Calculate Flow Adjustments			
1.00		1.2	
1.5		1.000	
Speed Inputs		Calc Speed Adj and FFS	
5			
65.0		65.0	
LOS and Performance Measures		Design (N)	
2110			
57.9			
36.5			
E			
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA		I-710/Northbound	
Raju Associates		Between I-405 & Del Amo	
8/6/2013		BI	
AM Peak Hour		CALTRANS	
		No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> Ujaj } q * Aaaa			
Flow Inputs			
7181	0.94		
	0		
	0		
	Level		
	mi		
Calculate Flow Adjustments			
1.00	1.2		
1.5	1.000		
Speed Inputs		Calc Speed Adj and FFS	
4			
55.0	55.0		
LOS and Performance Measures		Design (N)	
1910			
54.7			
34.9			
D			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA		I-710/Southbound	
Raju Associates		Between I-405 & Del Amo	
8/6/2013		BI	
AM Peak Hour		CALTRANS	
		No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> Ujaj } q * Aocaa			
Flow Inputs			
8097	0.94		
	0		
	0		
	Level		
	mi		
Calculate Flow Adjustments			
1.00	1.2		
1.5	1.000		
Speed Inputs		Calc Speed Adj and FFS	
4			
55.0	55.0		
LOS and Performance Measures		Design (N)	
2153			
51.9			
41.5			
E			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET		
General Information		Site Information
RA Raju Associates 8/6/2013 AM Peak Hour		I-710/Northbound Between PCH & Willow St CALTRANS No Project Alternative (2026)
YTI Project - Port of Los Angeles		
<input checked="" type="checkbox"/> Urban <input type="checkbox"/> Rural <input type="checkbox"/> Interstate		
Flow Inputs		
5998 Level mi		0.94 0 0 Level mi
Calculate Flow Adjustments		
1.00 1.5		1.2 1.000
Speed Inputs		Calc Speed Adj and FFS
3 55.0		55.0
LOS and Performance Measures		Design (N)
2127 52.4 40.6 E		Design (N)
Glossary		Factor Location
Definitions and abbreviations for the worksheet.		Factor location definitions.

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 AM Peak Hour		I-710/Southbound Between PCH & Willow St CALTRANS No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i EŠUÜD		<input type="checkbox"/> Ö• EŠD	
Flow Inputs			
6836 0.94 0 0 Level mi			
Calculate Flow Adjustments			
1.00 1.5		1.2 1.000	
Speed Inputs		Calc Speed Adj and FFS	
3 55.0		55.0	
LOS and Performance Measures		Design (N)	
2424 45.4 53.4 F			
Glossary		Factor Location	
[Detailed glossary text]		[Detailed factor location text]	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 AM Peak Hour		I-710/Northbound North of Florence Av CALTRANS No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ÈŠUÙD		<input type="checkbox"/> Ö• ÈD	
Flow Inputs			
8924 0.94 0 0 Level mi			
Calculate Flow Adjustments			
1.00 1.5		1.2 1.000	
Speed Inputs		Calc Speed Adj and FFS	
4 65.0		65.0	
LOS and Performance Measures		Design (N)	
2373 51.6 46.0 F			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 AM Peak Hour	I-710/Southbound North of Florence Av CALTRANS No Project Alternative (2026)		
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> Urban		<input type="checkbox"/> Rural	
Flow Inputs			
7321 Level mi	0.94 0 0 Level mi		
Calculate Flow Adjustments			
1.00 1.5	1.2 1.000		
Speed Inputs		Calc Speed Adj and FFS	
4 65.0	65.0		
LOS and Performance Measures		Design (N)	
1947 60.8 32.0 D	1947 60.8 32.0 D		
Glossary		Factor Location	
Description of project and site details.		Location and description of factors.	

Urban Rural HCS 2010

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA		SR-47 Northbound at Cdre. Schuyler Heim Bridge CALTRANS No Project Alternative (2026)	
Raju Associates			
8/6/2013			
AM Peak Hour			
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> Ujaj } q * Oeaa			
Flow Inputs			
581	0.94		
	0		
	0		
	Level		
	mi		
Calculate Flow Adjustments			
1.00	1.2		
1.5	1.000		
Speed Inputs		Calc Speed Adj and FFS	
3			
55.0	55.0		
LOS and Performance Measures		Design (N)	
206			
55.0			
3.7			
A			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47 Southbound at Cdre. Schuyler Heim Bridge	
8/6/2013	AM Peak Hour	CALTRANS No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> Ujaj } q * Aaaa			
Flow Inputs			
963	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
3	55.0	55.0	
LOS and Performance Measures		Design (N)	
341	55.0	6.2	A
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47 Southbound at Cdre. Schuyler Heim Bridge</p> <p>CALTRANS</p> <p>No Project Alternative (2026)</p> <p>YTI Project - Port of Los Angeles</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET					
General Information			Site Information		
RA			SR-91/Westbound		
Raju Associates			East of Alameda St & Santa Fe		
8/6/2013			CALTRANS		
AM Peak Hour			No Project Alternative (2026)		
YTI Project - Port of Los Angeles					
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD		<input type="checkbox"/> Ujaj } q * Aocaa	
Flow Inputs					
9841			0.94		
			0		
			0		
			Level		
			mi		
Calculate Flow Adjustments					
1.00			1.2		
1.5			1.000		
Speed Inputs			Calc Speed Adj and FFS		
6					
65.0			65.0		
LOS and Performance Measures			Design (N)		
1745					
63.3					
27.6					
D					
Glossary			Factor Location		

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA		SR-91/Eastbound	
Raju Associates		East of Alameda St & Santa Fe	
8/6/2013		CALTRANS	
AM Peak Hour		No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> Urban		<input type="checkbox"/> Rural	
Flow Inputs			
7829	0.94		
	0		
	0		
	Level		
	mi		
Calculate Flow Adjustments			
1.00	1.2		
1.5	1.000		
Speed Inputs		Calc Speed Adj and FFS	
6			
65.0	65.0		
LOS and Performance Measures		Design (N)	
1388			
65.0			
21.4			
C			
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 PM Peak Hour		I-710/Northbound n/o I-105 and n/o Firestone CALTRANS No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U ^i ŠUÙD <input type="checkbox"/> Ö• ÉD <input type="checkbox"/> Ú a} ā * ÄääÁ			
Flow Inputs			
8003		0.94	
		0	
		0	
		Level	
		mi	
Calculate Flow Adjustments			
1.00		1.2	
1.5		1.000	
Speed Inputs		Calc Speed Adj and FFS	
4			
65.0		65.0	
LOS and Performance Measures		Design (N)	
2128			
57.5			
37.0			
E			
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 PM Peak Hour		I-110/Northbound South of C St CALTRANS No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ÈŠUÙD		<input type="checkbox"/> Ö• ÈD	
Flow Inputs			
3136 0.94 0 0 Level mi			
Calculate Flow Adjustments			
1.00 1.5		1.2 1.000	
Speed Inputs		Calc Speed Adj and FFS	
4 65.0		65.0	
LOS and Performance Measures		Design (N)	
834 65.0 12.8 B			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 PM Peak Hour		I-110/Southbound South of C St CALTRANS No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i EŠUÙD		<input type="checkbox"/> Ö• EŠD	
Flow Inputs			
4582 0.94 0 0 Level mi	0.94 0 0 Level mi		
Calculate Flow Adjustments			
1.00 1.5		1.2 1.000	
Speed Inputs		Calc Speed Adj and FFS	
4 65.0	65.0	65.0	
LOS and Performance Measures		Design (N)	
1219 65.0 18.8 C	18.8 C		
Glossary		Factor Location	
(Detailed text for glossary)		(Detailed text for factor location)	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 PM Peak Hour		I-405/Southbound At Santa Fe Av CALTRANS No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ÈŠUÙD		<input type="checkbox"/> Ö• ÈD	
Flow Inputs			
11313	ç^ @	0.94	
	ç^ @æ	0	
		0	
	ç^ @	mi	
Calculate Flow Adjustments			
1.00		1.2	
1.5		1.000	
Speed Inputs		Calc Speed Adj and FFS	
5			
65.0		65.0	
LOS and Performance Measures		Design (N)	
2407			
50.6			
47.5			
F			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 PM Peak Hour		I-710/Northbound At Alondra Bl CALTRANS No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ÈŠUÙD		<input type="checkbox"/> Ö• ÈD	
Flow Inputs			
8772 0.94 0 0 Level mi			
Calculate Flow Adjustments			
1.00 1.5		1.2 1.000	
Speed Inputs		Calc Speed Adj and FFS	
5 65.0		65.0	
LOS and Performance Measures		Design (N)	
1866 61.9 30.1 D			
Glossary		Factor Location	
(Detailed list of symbols and their meanings)		(Detailed list of symbols and their meanings)	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	At Alondra Bl
8/6/2013	PM Peak Hour	CALTRANS	No Project Alternative (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ E PD	
<input type="checkbox"/> U a} a * Aaaa			
Flow Inputs			
7826	0.94	0	0
			Level
			mi
Calculate Flow Adjustments			
1.00	1.2		1.000
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0	65.0	
LOS and Performance Measures		Design (N)	
1665	64.0	26.0	D
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA		I-710/Northbound	
Raju Associates		Between I-405 & Del Amo Bl	
8/6/2013		CALTRANS	
PM Peak Hour		No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> Ujaj } q * Aaaa			
Flow Inputs			
7712	0.94		
	0		
	0		
	Level		
	mi		
Calculate Flow Adjustments			
1.00	1.2		
1.5	1.000		
Speed Inputs		Calc Speed Adj and FFS	
4			
55.0	55.0		
LOS and Performance Measures		Design (N)	
2051			
53.4			
38.4			
E			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA		I-710/Southbound Between I-405 & Del Amo Bl CALTRANS No Project Alternative (2026)	
Raju Associates			
8/6/2013			
PM Peak Hour			
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> Ujaj } q * Aaaa			
Flow Inputs			
7041	0.94		
	0		
	0		
	Level		
	mi		
Calculate Flow Adjustments			
1.00	1.2		
1.5	1.000		
Speed Inputs		Calc Speed Adj and FFS	
4			
55.0	55.0		
LOS and Performance Measures		Design (N)	
1873			
54.9			
34.1			
D			
Glossary		Factor Location	

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O^y^i^aa^ak^EFJDEFI AAA KEGUT

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	Between PCH & Willow St
8/6/2013		CALTRANS	No Project Alternative (2026)
PM Peak Hour			
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD	<input type="checkbox"/> O^ E^D	<input type="checkbox"/> Ú a} a * Aaaa	
Flow Inputs			
5725	0.94	0	0
	Level		
	mi		
Calculate Flow Adjustments			
1.00	1.2		
1.5	1.000		
Speed Inputs		Calc Speed Adj and FFS	
3	55.0	55.0	
LOS and Performance Measures		Design (N)	
2030	53.7		
37.8	E		
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
<p>RA Raju Associates 8/6/2013 PM Peak Hour</p>		<p>I-710/Southbound Between PCH & Willow St CALTRANS No Project Alternative (2026)</p>	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> Urban <input type="checkbox"/> Rural <input type="checkbox"/> Interurban			
Flow Inputs			
<p>6165 Level mi</p>	<p>0.94 0 0 Level mi</p>		
Calculate Flow Adjustments			
<p>1.00 1.5</p>		<p>1.2 1.000</p>	
Speed Inputs		Calc Speed Adj and FFS	
<p>3 55.0</p>		<p>55.0</p>	
LOS and Performance Measures		Design (N)	
<p>2186 51.3 42.6 E</p>			
Glossary		Factor Location	
<p>Definitions for various flow and speed parameters.</p>		<p>Definitions for design factors and locations.</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 PM Peak Hour		I-710/Northbound North of Florence Av CALTRANS No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> Urban		<input type="checkbox"/> Rural	
Flow Inputs			
7264 0 0 0 0		0.94 0 0 Level mi	
Calculate Flow Adjustments			
1.00 1.5		1.2 1.000	
Speed Inputs		Calc Speed Adj and FFS	
4 65.0		65.0	
LOS and Performance Measures		Design (N)	
1932 61.0 31.7 D			
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 PM Peak Hour		I-710/Southbound North of Florence Av CALTRANS No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ÈŠUÙD		<input type="checkbox"/> Ö• ÈD	
Flow Inputs			
8127 0.94 0 0 Level mi			
Calculate Flow Adjustments			
1.00 1.5		1.2 1.000	
Speed Inputs		Calc Speed Adj and FFS	
4 65.0		65.0	
LOS and Performance Measures		Design (N)	
2161 56.8 38.1 E			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA		SR-47 Northbound at Cdre. Schuyler Heim Bridge CALTRANS No Project Alternative (2026)	
Raju Associates			
8/6/2013			
PM Peak Hour			
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> Ujaj } q * Aaaa			
Flow Inputs			
1066	0.94		
	0		
	0		
	Level		
	mi		
Calculate Flow Adjustments			
1.00	1.2		
1.5	1.000		
Speed Inputs		Calc Speed Adj and FFS	
3			
55.0	55.0		
LOS and Performance Measures		Design (N)	
378			
55.0			
6.9			
A			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
RA	Raju Associates	SR-47 Southbound	at Cdre. Schuyler Heim Bridge
8/6/2013	PM Peak Hour	CALTRANS	No Project Alternative (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U J ^ I E S U U D		<input type="checkbox"/> O ^ . E P D	
<input type="checkbox"/> U l a j } q * A o a a			
Flow Inputs			
821	0.94	0	0
	Level	mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
291	55.0	5.3	A
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 PM Peak Hour	SR-47/Westbound at Vincent Thomas Bridge CALTRANS No Project Alternative (2026)	YTI Project - Port of Los Angeles	
<input checked="" type="checkbox"/> U ^ ß U Û		<input type="checkbox"/> Ö • ß D	
Flow Inputs			
3050 0.94 0 0 Level mi	0.94 0 0 Level mi	1.00 1.2 1.5 1.000	
Calculate Flow Adjustments		Speed Inputs	
1.00 1.5		1.2 1.000	
Speed Inputs		Calc Speed Adj and FFS	
2 55.0 { } @		{ } @ { } @ 55.0 { } @	
LOS and Performance Measures		Design (N)	
1622 55.0 29.5 D		1622 55.0 29.5 D	
Glossary		Factor Location	
1622 55.0 29.5 D		1622 55.0 29.5 D	

BASIC FREEWAY SEGMENTS WORKSHEET					
General Information			Site Information		
RA	Raju Associates	8/6/2013	SR-47/Eastbound	at Vincent Thomas Bridge	
PM Peak Hour			CALTRANS	No Project Alternative (2026)	
YTI Project - Port of Los Angeles					
<input checked="" type="checkbox"/> Urban		<input type="checkbox"/> Rural		<input type="checkbox"/> Other	
Flow Inputs					
2698		0.94	0	0	Level
					mi
Calculate Flow Adjustments					
1.00		1.2	1.000		
1.5					
Speed Inputs			Calc Speed Adj and FFS		
2	55.0			55.0	
LOS and Performance Measures			Design (N)		
1435	55.0	26.1	D		
Glossary			Factor Location		
<p>RA, Raju Associates, 8/6/2013, PM Peak Hour, SR-47/Eastbound, Vincent Thomas Bridge, CALTRANS, No Project Alternative (2026)</p> <p>YTI Project - Port of Los Angeles</p> <p>Urban, Rural, Other</p> <p>Flow Inputs: 2698, 0.94, 0, 0, Level, mi</p> <p>Calculate Flow Adjustments: 1.00, 1.2, 1.5, 1.000</p> <p>Speed Inputs: 2, 55.0, LOS, Design (N)</p>			<p>Factor Location: E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZY, ZZ</p>		

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA		SR-91/Westbound	
Raju Associates		East of Alameda St & Santa Fe	
8/6/2013		CALTRANS	
PM Peak Hour		No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> Ujaj } q * Aaaa			
Flow Inputs			
7082	0.94		
	0		
	0		
	Level		
	mi		
Calculate Flow Adjustments			
1.00	1.2		
1.5	1.000		
Speed Inputs		Calc Speed Adj and FFS	
6			
65.0	65.0		
LOS and Performance Measures		Design (N)	
1256			
65.0			
19.3			
C			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA		SR-91/Eastbound	
Raju Associates		East of Alameda St & Santa Fe	
8/6/2013		CALTRANS	
PM Peak Hour		No Project Alternative (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O ^ EPD	
<input type="checkbox"/> Ujaj } q * OaeA			
Flow Inputs			
9129	ç^ @E	Ú^æ EP[~ i Aæ&ç } ÉÚPØ	0.94
	ç^ @æ	Ã Vi ~ & • Aæ à Ó ~ • ^ • ÉÚ_V	0
		Ã ÜX • ÉÚ_	0
		Ö^ } ^i æ A^i i aæ K	Level
	ç^ @E	Öi æ ^ ~~~~~ ~~~~~ } * @	mi
		~~~~~ ~~~~~ ~~~~~ } ÉD[ , } Å	
Calculate Flow Adjustments			
1.00		Ä_Ü	1.2
1.5		Ä_PX A^i i ÉÚ_V Ç_V ÉD ÉÚ_ Ç_V ÉD 1.000	
Speed Inputs		Calc Speed Adj and FFS	
	~A	Ä_Sy	{ } @A
6	~A	Ä_S0	{ } @A
	i æ ] • E a	Ä_Ü Ö Ä B • ç ^ } c	{ } @A
65.0	{ } @A	Ä_ÜÜ	{ } @A
	{ } @A		
LOS and Performance Measures		Design (N)	
		Ö ^ a } Ä_P D	
		Ö ^ a } Ä_S UÜ	
1619	] & E D	ç_ M X Ä i A Ö P X D Ä Ü P Ç Ä P Ä P X	] & E D
	{ } @A	ç Ä D	{ } @A
64.3	] & E D Ä	Ü Ä	] & E D Ä
25.2	] & E D Ä	Ö Ä M_ Ä Ü	] & E D Ä
C		Ü ^ ~ a ^ a Ä ~ { à ^ i Ä - Ä ç ^ • É P	
Glossary		Factor Location	
		Ö_Ü È Ö ç @ a ~ Á F F E - E F F E G	Ä_Sy È Ö ç @ a ~ Á F F E
		Ö_V È Ö ç @ a ~ Á F F E - E F F E F F E F F E H	Ä_S0 È Ö ç @ a ~ Á F F E
		ç_ É Ü æ ^ Á F F E i	Ä_Ü Ö Ä E Ü æ ^ Á F F E F
		S U Ü Ä Ü Ä Ü Ä Ü Ä Ü È Ö ç @ a ~ Á F F E Ä	
		F F F E Ä	

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**NO FEDERAL ACTION (2026) – ALTERNATIVE 2**

**AM/PM PEAK HOURS**



BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Northbound	South of C St
8/6/2013	AM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
4643	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1235	65.0	19.0	C
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-110/Southbound	
8/6/2013		South of C St	
AM Peak Hour		CALTRANS	
		No Federal Action (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ		<input type="checkbox"/> UJ	
<b>Flow Inputs</b>			
3317	0.94	0	
	0	Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
882	65.0	13.6	
		B	
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Northbound	At Santa Fe Av
8/6/2013	AM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
11854	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
2522	47.1		
53.5	F		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-405/Southbound	At Santa Fe Av
8/6/2013	AM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
7526	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
5	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1601	64.4	24.8	C
<b>Glossary</b>		<b>Factor Location</b>	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-405/Southbound</p> <p>At Santa Fe Av</p> <p>CALTRANS</p> <p>No Federal Action (2026)</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	At Alondra Bl
8/6/2013	AM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
7676	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
1633	64.2	25.4	C
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Northbound</p> <p>At Alondra Bl</p> <p>CALTRANS</p> <p>No Federal Action (2026)</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	At Alondra Bl
8/6/2013	AM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
9915		0.94	
		0	
		0	
		Level	mi
Calculate Flow Adjustments			
1.00		1.2	
1.5		1.000	
Speed Inputs		Calc Speed Adj and FFS	
5			
65.0		65.0	
LOS and Performance Measures		Design (N)	
2110			
57.9			
36.5			
E			
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	Between I-405 & Del Amo Bl
8/6/2013	AM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^I ESUUD	<input type="checkbox"/> O^ EPD	<input type="checkbox"/> U a} a * Aaaa	
Flow Inputs			
7181	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	55.0	55.0	
LOS and Performance Measures		Design (N)	
1910	54.7	34.9	D
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound Between I-405 & Del Amo Bl CALTRANS No Federal Action (2026)	
8/6/2013	AM Peak Hour	YTI Project - Port of Los Angeles	
<input checked="" type="checkbox"/> UJ ^I EŠUÙD		<input type="checkbox"/> Ö• EŠD	
<input type="checkbox"/> Ú a} a * ÖæaÁ			
<b>Flow Inputs</b>			
8097	0.94	0	
0	0	Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2153	51.9	41.5	
E			
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Northbound	
8/6/2013		Between PCH & Willow St	
AM Peak Hour		CALTRANS	
YTI Project - Port of Los Angeles		No Federal Action (2026)	
<input checked="" type="checkbox"/> U/I		<input type="checkbox"/> O/I	
<b>Flow Inputs</b>			
5998	0.94	0	
		0	
		Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3			
55.0		55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2127			
52.4			
40.6			
E			
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	Between PCH & Willow St
8/6/2013	AM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
6836	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
2424	45.4		
53.4	F		
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Northbound	
8/6/2013		North of Florence Av	
AM Peak Hour		CALTRANS	
YTI Project - Port of Los Angeles		No Federal Action (2026)	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U a} a * Aaaa			
<b>Flow Inputs</b>			
8924	0.94	0	
		0	
		Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2373	51.6	46.0	
		F	
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	North of Florence Av
8/6/2013	AM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
7321	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1947	60.8		
32.0	D		
Glossary		Factor Location	



BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound	n/o I-105 & n/o Firestone
8/6/2013	AM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
8261	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2197	56.0		
	39.2		
	E		
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47 Northbound at Cdre. Schuyler Heim Bridge	
8/6/2013	AM Peak Hour	CALTRANS	
YTI Project - Port of Los Angeles		No Federal Action (2026)	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Aaaa			
<b>Flow Inputs</b>			
581	0.94	0	
0	0	Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
206	55.0	3.7	
A	A		
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47/Westbound	at Vincent Thomas Bridge
8/6/2013	AM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
2259	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
2	55.0		55.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1202	55.0	21.9	C
<b>Glossary</b>		<b>Factor Location</b>	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47/Westbound</p> <p>at Vincent Thomas Bridge</p> <p>CALTRANS</p> <p>No Federal Action (2026)</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA Raju Associates 8/6/2013 AM Peak Hour YTI Project - Port of Los Angeles		SR-47/Eastbound at Vincent Thomas Bridge CALTRANS No Federal Action (2026)	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U æ } q * AææÁ			
<b>Flow Inputs</b>			
2523 0.94 0 0 Level mi			
<b>Calculate Flow Adjustments</b>			
1.00 1.5		1.2 1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
2 55.0		55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1342 55.0 24.4 C			
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET				
General Information			Site Information	
RA	Raju Associates	8/6/2013	AM Peak Hour	SR-91/Westbound East of Alameda St & Santa Fe CALTRANS No Federal Action (2026)
YTI Project - Port of Los Angeles				
<input checked="" type="checkbox"/> UJ ^I EŠUÙD		<input type="checkbox"/> Ö• EŠD		<input type="checkbox"/> Ú a } a * ÖaaÁ
Flow Inputs				
9841	0.94	0	0	Level mi
Calculate Flow Adjustments				
1.00	1.2	1.000		
1.5		1.000		
Speed Inputs			Calc Speed Adj and FFS	
6	65.0		65.0	
LOS and Performance Measures			Design (N)	
1745	63.3	27.6	D	
Glossary			Factor Location	
[Detailed glossary text]			[Detailed factor location text]	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-91/Eastbound	East of Alameda St & Santa Fe
8/6/2013	AM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD	<input type="checkbox"/> O^ EPD	<input type="checkbox"/> U a} a * Aaaa	
Flow Inputs			
7829	0.94	0	0
Level	mi		
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
6	65.0	65.0	
LOS and Performance Measures		Design (N)	
1388	65.0	21.4	C
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-110/Northbound	
8/6/2013		South of C St	
PM Peak Hour		CALTRANS	
YTI Project - Port of Los Angeles		No Federal Action (2016)	
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
3136	0.94	0	
		0	
		Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
834	65.0	12.8	
		B	
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA Raju Associates 8/6/2013 PM Peak Hour	I-110/Southbound South of C St CALTRANS No Federal Action Alt (2026)	YTI Project - Port of Los Angeles	
<input checked="" type="checkbox"/> UJ ^i ÈŠUÙD		<input type="checkbox"/> Ö• ÈD	
<b>Flow Inputs</b>			
4582 0.94 0 0 Level mi	0.94 0 0 Level mi	1.00 1.2 1.5 1.000	
<b>Calculate Flow Adjustments</b>		<b>Speed Inputs</b>	
1.00 1.5		1.2 1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4 65.0 { } @		{ } @ { } @ { } @ 65.0 { } @	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1219 65.0 18.8 C		1219 65.0 18.8 C	
<b>Glossary</b>		<b>Factor Location</b>	
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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Northbound	At Santa Fe Av
8/6/2013	PM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
9238	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
1966	60.5	32.5	D
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 PM Peak Hour		I-405/Southbound At Santa Fe Av CALTRANS No Federal Action Alt (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i EŠUÙD		<input type="checkbox"/> Ö• EŠD	
<b>Flow Inputs</b>			
11313	ç^ @E	0.94	
	ç^ @Eæ	0	
		0	
	ç^ @E	mi	
<b>Calculate Flow Adjustments</b>			
1.00		1.2	
1.5		1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
5			
65.0		65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2407			
50.6			
47.5			
F			
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	At Alondra Bl
8/6/2013	PM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8772	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
1866	61.9	30.1	D
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Northbound Between I-405 & Del Amo BI CALTRANS No Federal Action (2026)	
8/6/2013	PM Peak Hour	YTI Project - Port of Los Angeles	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Aaaa			
<b>Flow Inputs</b>			
7712	0.94	0	
0	0	Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2051	53.4	38.4	
E			
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA Raju Associates 8/6/2013 PM Peak Hour		I-710/Northbound Between PCH & Willow St CALTRANS No Federal Action Alt (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ÈŠUÙD		<input type="checkbox"/> Ö• ÆD	
<b>Flow Inputs</b>			
5725 0.94 0 0 Level mi			
<b>Calculate Flow Adjustments</b>			
1.00 1.5		1.2 1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3 55.0		55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2030 53.7 37.8 E			
<b>Glossary</b>		<b>Factor Location</b>	
(Detailed glossary text describing variables and units)		(Detailed factor location text describing variables and units)	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound	
8/6/2013	PM Peak Hour	Between PCH & Willow St	
YTI Project - Port of Los Angeles		CALTRANS	
<input checked="" type="checkbox"/> Urban		<input type="checkbox"/> Rural	
<input type="checkbox"/> No Federal Action		No Federal Action (2026)	
<b>Flow Inputs</b>			
6165	0.94	0	
Level		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2186	51.3	51.3	
42.6	E	E	
<b>Glossary</b>		<b>Factor Location</b>	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p> <p><input checked="" type="checkbox"/> Urban</p> <p><input type="checkbox"/> Rural</p> <p><input type="checkbox"/> No Federal Action</p>		<p>I-710/Southbound</p> <p>Between PCH &amp; Willow St</p> <p>CALTRANS</p> <p>No Federal Action (2026)</p> <p>Level mi</p> <p>1.000</p> <p>3</p> <p>55.0</p> <p>51.3</p> <p>42.6</p> <p>E</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound	North of Florence Av
8/6/2013	PM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ		<input type="checkbox"/> O.A	
<b>Flow Inputs</b>			
8127	0.94	0	0
	Level		
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2161	56.8		
38.1	E		
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Northbound	n/o I-105 and n/o Firestone
8/6/2013	PM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
8003	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2128	57.5		
	37.0		
	E		
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound	n/o I-105 & n/o Firestone
8/6/2013	PM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
8745	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2326	52.8	44.0	E
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47 Northbound	at Cdre. Schuyler Heim Bridge
8/6/2013	PM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^I EŠUÙD	<input type="checkbox"/> Ö• EŠD	<input type="checkbox"/> Ú a} a * ÖaaaÁ	
Flow Inputs			
1066	0.94	0	0
Level	mi		
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0	55.0	
LOS and Performance Measures		Design (N)	
378	55.0	6.9	A
Glossary		Factor Location	
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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47 Southbound	at Cdre. Schuyler Heim Bridge
8/6/2013	PM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^I EŠUÙD		<input type="checkbox"/> Ö• EŠD	
<input type="checkbox"/> Ú a} a * ÖaaaÁ			
<b>Flow Inputs</b>			
821	0.94	0	0
		Level	mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
291	55.0	5.3	A
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47/Eastbound	at Vincent Thomas Bridge
8/6/2013	PM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
2698	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
2	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1435	55.0	26.1	D
<b>Glossary</b>		<b>Factor Location</b>	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p> <p><input checked="" type="checkbox"/> U</p> <p><input type="checkbox"/> O</p> <p><input type="checkbox"/> U</p>		<p>SR-47/Eastbound</p> <p>at Vincent Thomas Bridge</p> <p>CALTRANS</p> <p>No Federal Action (2026)</p> <p>Level mi</p> <p>1.000</p> <p>2</p> <p>55.0</p> <p>55.0</p> <p>1435</p> <p>55.0</p> <p>26.1</p> <p>D</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47/Westbound	at Vincent Thomas Bridge
8/6/2013	PM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
3050	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
2	55.0		55.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1622	55.0	29.5	D
<b>Glossary</b>		<b>Factor Location</b>	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47/Westbound</p> <p>at Vincent Thomas Bridge</p> <p>CALTRANS</p> <p>No Federal Action (2026)</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-91/Eastbound	East of Alameda St & Santa Fe
8/6/2013	PM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a } a * Aaaa			
<b>Flow Inputs</b>			
9129	0.94	0	0
Level	mi		
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.5	1.000
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
6	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1619	64.3	25.2	C
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA		SR-91/Eastbound East of Alameda St & Santa Fe	
Raju Associates		CALTRANS	
8/6/2013		No Federal Action Alt (2026)	
PM Peak Hour			
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> Ujaj } q * Aaaa			
<b>Flow Inputs</b>			
9129	9129	0.94	0.94
		0	0
		0	0
		Level	Level
		mi	mi
<b>Calculate Flow Adjustments</b>			
1.00	1.00	1.2	1.2
1.5	1.5	1.000	1.000
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
6	6		
65.0	65.0	65.0	65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1619	1619		
64.3	64.3		
25.2	25.2		
C	C		
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-91/Westbound	East of Alameda St & Santa Fe
8/6/2013	PM Peak Hour	CALTRANS	No Federal Action (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<b>Flow Inputs</b>			
7082	0.94	0	0
			Level
			mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
6	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1256	65.0	19.3	C
<b>Glossary</b>		<b>Factor Location</b>	



**REDUCED PROJECT (2026) – ALTERNATIVE 3  
(IMPROVE BERTHS 217-220 ONLY)**

**AM/PM PEAK HOURS**



BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-110/Northbound	
8/6/2013		South of C St	
AM Peak Hour		CALTRANS	
YTI Project - Port of Los Angeles		Reduced Project (2026)	
<input checked="" type="checkbox"/> U/I <input type="checkbox"/> O/I <input type="checkbox"/> U/I			
<b>Flow Inputs</b>			
4651	0.94	0	0
		Level	mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1237	65.0	19.0	C
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-110/Southbound	
8/6/2013		South of C St	
AM Peak Hour		CALTRANS	
YTI Project - Port of Los Angeles		Reduced Project (2026)	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U æ } q * AææÁ			
<b>Flow Inputs</b>			
3324	ç^ @E	U^æ EP[ ^i Aææq i EUP Ø	0.94
	ç^ @ææ	Ã Vi^ & • Aæ a O^• ^• EÜV	0
		Ã UX• EÜJ	0
		Ö^ ^i æÁ/i i æ i	Level
	ç^ @E	Öi ææ ^ Aæææ Aææææ^ * c@	mi
<b>Calculate Flow Adjustments</b>			
1.00		ÄÜJ	1.2
1.5		ÁPX Aæææ EÜV ÇV Eææ EÜJ ÇÜ Eææ 1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4		ÁSY	{ } @Á
		ÁSO	{ } @Á
		ÁÜÖÖAæb • d ^} c	{ } @Á
65.0		ÁÜÜ	{ } @Á
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
		Ö^• a } ÁPDÁ	
		Ö^• a } ÁSUÜ	
884	] & EÖD	çj MÖXÁ i AÖÖPXDAÜP ÖA P ÁA PX	] & EÖD
65.0	{ } @Á	çj D	{ } @Á
13.6	] & EÖD Á	ÜÁ	{ } @Á
B		ÖMçj ÁÜ	] & EÖD Á
		Ü^~ a^a A^~ { a^i Á Aææ ^• Eæ	
<b>Glossary</b>		<b>Factor Location</b>	
		ÖJ EÖc @ææ ÁFFÉ EÁFFÉG	AææSY EÖc @ææ ÁFFÉ
		ÖV EÖc @ææ ÁFFÉ EÁFFÉFÉH	AææSO EÖc @ææ ÁFFÉ
		J EÜæ ^ ÁFFÉi	AææÜÖEÜæ ^ ÁFFÉF
		SÜUEÜEÜEÜEÜEÜ EÖc @ææ ÁFFÉGÁ	
		FFÉÁ	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Northbound	At Santa Fe Av
8/6/2013	AM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
11854	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
2522	47.1		
53.5	F		
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Southbound	At Santa Fe Av
8/6/2013	AM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
7526	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
1601	64.4	24.8	C
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-405/Southbound</p> <p>At Santa Fe Av</p> <p>CALTRANS</p> <p>Reduced Project (2026)</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Northbound	At Alondra Bl
8/6/2013	AM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
7687	0.94	0	0
		Level	mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
5	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1636	64.2	25.5	C
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	At Alondra Bl
8/6/2013	AM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
9931		0.94	
		0	
		0	
		Level	mi
Calculate Flow Adjustments			
1.00		1.2	
1.5		1.000	
Speed Inputs		Calc Speed Adj and FFS	
5			
65.0		65.0	
LOS and Performance Measures		Design (N)	
2113			
57.8			
36.6			
E			
Glossary		Factor Location	



BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound	Between I-405 & Del Amo Bl
8/6/2013	AM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^I ESUUD		<input type="checkbox"/> O ^ EPD	
<b>Flow Inputs</b>			
8115	0.94	0	0
	Level		
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2158	51.8	41.6	E
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET		
General Information	Site Information	
RA Raju Associates 8/6/2013 AM Peak Hour	I-710/Northbound Between PCH & Willow St CALTRANS Reduced Project (2026)	
YTI Project - Port of Los Angeles		
<input checked="" type="checkbox"/> Urban Freeway <input type="checkbox"/> Rural Freeway <input type="checkbox"/> Urban Arterial		
Flow Inputs		
6009	0.94	0
0	0	Level mi
Calculate Flow Adjustments		
1.00	1.2	1.000
1.5		
Speed Inputs	Calc Speed Adj and FFS	
3	55.0	55.0
LOS and Performance Measures	Design (N)	
2131	52.3	40.7
E		
Glossary	Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound	
8/6/2013		Between PCH & Willow St	
AM Peak Hour		CALTRANS	
YTI Project - Port of Los Angeles		Reduced Project (2026)	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U a} a * Aaaa			
<b>Flow Inputs</b>			
6850	0.94	0	
0	0	Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2429	45.2	45.2	
53.7	53.7		
F	F		
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	North of Florence Av
8/6/2013	AM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8926	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2374	51.5	46.1	F
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Northbound</p> <p>North of Florence Av</p> <p>CALTRANS</p> <p>Reduced Project (2026)</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound	
8/6/2013		North of Florence Av	
AM Peak Hour		CALTRANS	
YTI Project - Port of Los Angeles		Reduced Project (2026)	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U a} a * Aaaa			
<b>Flow Inputs</b>			
7327	0.94	0	
0	0	Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1949	60.7	60.7	
32.1	32.1		
D	D		
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	n/o I-105 and n/o Firestone
8/6/2013	AM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8952	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2381	51.4	46.4	F
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Northbound</p> <p>n/o I-105 and n/o Firestone</p> <p>CALTRANS</p> <p>Reduced Project (2026)</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	n/o I-105 & n/o Firestone
8/6/2013	AM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
8267	0.94	0	0
			Level
			mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2199	55.9		
39.3			
E			
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47 Northbound at Cdre. Schuyler Heim Bridge	
8/6/2013	AM Peak Hour	CALTRANS Reduced Project (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<b>Flow Inputs</b>			
608	0.94	0	
Level		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
216	55.0	3.9	
<b>Glossary</b>		<b>Factor Location</b>	
<p> $\frac{P}{X} = \frac{P}{X} \cdot \frac{1}{1 + \frac{P}{X}}$  $\frac{C}{S} = \frac{C}{S} \cdot \frac{1}{1 + \frac{C}{S}}$  $\frac{V}{U} = \frac{V}{U} \cdot \frac{1}{1 + \frac{V}{U}}$  $\frac{S}{U} = \frac{S}{U} \cdot \frac{1}{1 + \frac{S}{U}}$ </p>		<p> $\frac{E}{S} = \frac{E}{S} \cdot \frac{1}{1 + \frac{E}{S}}$  $\frac{E}{V} = \frac{E}{V} \cdot \frac{1}{1 + \frac{E}{V}}$  $\frac{E}{U} = \frac{E}{U} \cdot \frac{1}{1 + \frac{E}{U}}$  $\frac{S}{U} = \frac{S}{U} \cdot \frac{1}{1 + \frac{S}{U}}$ </p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47 Southbound at Cdre. Schuyler Heim Bridge	
8/6/2013	AM Peak Hour	CALTRANS Reduced Project (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Aaaa			
<b>Flow Inputs</b>			
1001	0.94	0	
0	0	Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
355	55.0	6.5	
A	A		
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47/Westbound	at Vincent Thomas Bridge
8/6/2013	AM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
2270	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
2	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1207	55.0	21.9	C
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47/Eastbound	at Vincent Thomas Bridge
8/6/2013	AM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
2533	0.94	0	0
		Level	mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
2	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1347	55.0	24.5	C
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-110/Southbound	
8/6/2013	PM Peak Hour	South of C St	
YTI Project - Port of Los Angeles		CALTRANS	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U a} a * Aaaa			
<b>Flow Inputs</b>			
4585	0.94	0	
0	0	Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1219	65.0	18.8	
C	C		
<b>Glossary</b>		<b>Factor Location</b>	
ÜÁ ÖÁM ₁ ÁÜ ŠÜÜ		ÜÁ ÖÁM ₁ ÁÜ ŠÜÜ	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-405/Northbound	At Santa Fe Av
8/6/2013	PM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
9238	0.94	0	0
			Level
			mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
5	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1966	60.5	32.5	D
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-405/Southbound	At Santa Fe Av
8/6/2013	PM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
11313	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
5	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2407	50.6	47.5	F
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Northbound	
8/6/2013		At Alondra Bl	
PM Peak Hour		CALTRANS	
YTI Project - Port of Los Angeles		Reduced Project (2026)	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U a} a * Aaaa			
<b>Flow Inputs</b>			
8777	0.94	0	
0	0	Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
5	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1867	61.9	30.2	
D		D	
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound At Alondra Bl	
8/6/2013		CALTRANS	
PM Peak Hour		Reduced Project (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
7831		0.94	
		0	
		0	
		Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00		1.2	
1.5		1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
5			
65.0		65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1666			
64.0			
26.0			
D			
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Northbound Between I-405 & Del Amo BI	
8/6/2013	PM Peak Hour	CALTRANS Reduced Project (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Aaaa			
<b>Flow Inputs</b>			
7721	0.94	0	
0	0	Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2053	53.4	53.4	
38.4	E		
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Northbound	
8/6/2013		Between PCH & Willow St	
PM Peak Hour		CALTRANS	
YTI Project - Port of Los Angeles		Reduced Project (2026)	
<input checked="" type="checkbox"/> UJ	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
5729	0.94	0	
		0	
		Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3			
55.0		55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2032			
53.7			
37.9			
E			
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound	Between PCH & Willow St
8/6/2013	PM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
<b>Flow Inputs</b>			
6170	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3	55.0		55.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2188	51.3	42.7	E
<b>Glossary</b>		<b>Factor Location</b>	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Southbound</p> <p>Between PCH &amp; Willow St</p> <p>CALTRANS</p> <p>Reduced Project (2026)</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Northbound	North of Florence Av
8/6/2013	PM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
7265	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1932	61.0	31.7	D
<b>Glossary</b>		<b>Factor Location</b>	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Northbound</p> <p>North of Florence Av</p> <p>CALTRANS</p> <p>Reduced Project (2026)</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound	North of Florence Av
8/6/2013	PM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
8128	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2162	56.8		
	38.1		
E			
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	n/o I-105 and n/o Firestone
8/6/2013	PM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ		<input type="checkbox"/> O	<input type="checkbox"/> U
Flow Inputs			
8005	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2129	57.5		
37.0	E		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound	n/o I-105 & n/o Firestone
8/6/2013	PM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
8746	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2326	52.8	44.0	E
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47 Northbound at Cdre. Schuyler Heim Bridge	
8/6/2013	PM Peak Hour	CALTRANS Reduced Project (2026)	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Aaaa			
<b>Flow Inputs</b>			
1089	0.94	0	
0	0	Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
386	55.0	7.0	
		A	
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47 Southbound	at Cdre. Schuyler Heim Bridge
8/6/2013	PM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Aaaa			
<b>Flow Inputs</b>			
838	0.94	0	0
		Level	mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
297	55.0	5.4	A
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47/Westbound	at Vincent Thomas Bridge
8/6/2013	PM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> A
<b>Flow Inputs</b>			
3064	0.94	0	0
	Level		
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
2	55.0		55.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1630	55.0	29.6	D
<b>Glossary</b>		<b>Factor Location</b>	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47/Westbound</p> <p>at Vincent Thomas Bridge</p> <p>CALTRANS</p> <p>Reduced Project (2026)</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47/Eastbound	at Vincent Thomas Bridge
8/6/2013	PM Peak Hour	CALTRANS	Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
2703	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
2	55.0		55.0
LOS and Performance Measures		Design (N)	
1438	55.0	26.1	D
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47/Eastbound</p> <p>at Vincent Thomas Bridge</p> <p>CALTRANS</p> <p>Reduced Project (2026)</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA Raju Associates 8/6/2013 PM Peak Hour	RA Raju Associates 8/6/2013 PM Peak Hour	SR-91/Westbound East of Alameda St & Santa Fe CALTRANS Reduced Project (2026)	SR-91/Westbound East of Alameda St & Santa Fe CALTRANS Reduced Project (2026)
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^I ESUUD		<input type="checkbox"/> O ^ E P D	
<b>Flow Inputs</b>			
7082 0.94 0 0 Level mi	7082 0.94 0 0 Level mi	7082 0.94 0 0 Level mi	7082 0.94 0 0 Level mi
<b>Calculate Flow Adjustments</b>			
1.00 1.5	1.00 1.5	1.2 1.000	1.2 1.000
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
6 65.0	6 65.0	65.0	65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1256 65.0 19.3 C	1256 65.0 19.3 C	1256 65.0 19.3 C	1256 65.0 19.3 C
<b>Glossary</b>		<b>Factor Location</b>	
[Detailed glossary text describing variables and units]		[Detailed factor location text describing design parameters]	



**2026 NEPA BASELINE  
(2026 WITHOUT PROJECT)**

**AM/PM PEAK HOURS**



BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-110/Northbound	South of C St
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
6384	0.94	0	0
		Level	mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1698	63.7	26.6	D
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Southbound	South of C St
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
4486	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1193	65.0	18.4	C
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Northbound	At Santa Fe Av
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
12796	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
2723	40.2		
67.8	F		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Southbound	At Santa Fe Av
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
8892	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
1892	61.6		
30.7			
D			
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Northbound	At Alondra Bl
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
8118	0.94	0	0
		Level	mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
5	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1727	63.5		
27.2	D		
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	At Alondra Bl
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
10572	0.94	0	0
			Level
			mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
2249	54.8		
41.1			
E			
Glossary		Factor Location	





BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	Between PCH & Willow St
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> A
Flow Inputs			
7969	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
2826	29.0	97.4	F
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Northbound</p> <p>Between PCH &amp; Willow St</p> <p>CALTRANS</p> <p>2026 NEPA Baseline</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	Between PCH & Willow St
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
8670	0.94	0	0
			Level
			mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
3074	14.9	205.9	F
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	North of Florence Av
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
9243	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2458	49.1		
	50.0		
	F		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	North of Florence Av
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
7691	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2045	59.1		
34.6	D		
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	n/o I-105 and n/o Firestone
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> A
Flow Inputs			
9234	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2456	49.2	49.9	F
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Northbound</p> <p>n/o I-105 and n/o Firestone</p> <p>CALTRANS</p> <p>2026 NEPA Baseline</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	n/o I-105 & n/o Firestone
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
8360	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2223	55.4		
40.1	E		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47 Northbound	at Cdre. Schuyler Heim Bridge
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Aaaa			
<b>Flow Inputs</b>			
2578	0.94		
	0		
	0		
	Level		
	mi		
<b>Calculate Flow Adjustments</b>			
1.00	1.2		
1.5	1.000		
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
914	55.0	16.6	B
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47/Eastbound	at Vincent Thomas Bridge
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ		<input type="checkbox"/> O.A	
<b>Flow Inputs</b>			
3405	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
2	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1811	55.0	32.9	D
<b>Glossary</b>		<b>Factor Location</b>	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47/Eastbound</p> <p>at Vincent Thomas Bridge</p> <p>CALTRANS</p> <p>2026 NEPA Baseline</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47/Westbound	at Vincent Thomas Bridge
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ		<input type="checkbox"/> O.A	
<b>Flow Inputs</b>			
3516	0.94	0	0
	Level		
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
2	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1870	54.9	34.1	D
<b>Glossary</b>		<b>Factor Location</b>	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47/Westbound</p> <p>at Vincent Thomas Bridge</p> <p>CALTRANS</p> <p>2026 NEPA Baseline</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-91/Eastbound	East of Alameda St & Santa Fe
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a } a * Oaaa			
Flow Inputs			
8037	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
6	65.0	65.0	
LOS and Performance Measures		Design (N)	
1425	65.0	21.9	C
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-91/Eastbound</p> <p>East of Alameda St &amp; Santa Fe</p> <p>CALTRANS</p> <p>2026 NEPA Baseline</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-91/Westbound	East of Alameda St & Santa Fe
8/6/2013	AM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD	<input type="checkbox"/> O^ EPD	<input type="checkbox"/> U a} a * Aaaa	
<b>Flow Inputs</b>			
10121	0.94	0	0
		Level	mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
6	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1795	62.8	28.6	D
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Northbound	South of C St
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
5235	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1392	65.0	21.4	C
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Southbound	South of C St
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
5153	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1370	65.0	21.1	C
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Northbound	At Santa Fe Av
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
9934	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
2114	57.8		
36.6	E		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Southbound	At Santa Fe Av
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
13025	0.94	0	0
			Level
			mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
2771	38.3		
	72.3		
	F		
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	At Alondra Bl
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> A
Flow Inputs			
9036	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
1923	61.1		
31.5	D		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	At Alondra Bl
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
7875	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
1676	63.9		
26.2	D		
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound Between I-405 & Del Amo Bl	
8/6/2013	PM Peak Hour	CALTRANS 2026 NEPA Baseline	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a } a * Oaaa			
<b>Flow Inputs</b>			
7120	0.94	0	
0	0	Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1894	54.8	34.6	
		D	
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	Between PCH & Willow St
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
6269	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
2223	50.6		
43.9	E		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	Between PCH & Willow St
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
6318	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
2240	50.2	44.6	E
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Southbound</p> <p>Between PCH &amp; Willow St</p> <p>CALTRANS</p> <p>2026 NEPA Baseline</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	North of Florence Av
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
7514	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1998	59.9		
	33.3		
	D		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	North of Florence Av
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
8733	0.94	0	0
			Level
			mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2323	52.9		
	43.9		
	E		
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Northbound	n/o I-105 and n/o Firestone
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
8228	0.94	0	0
			Level
			mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2188	56.2		
	38.9		
	E		
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	n/o I-105 & n/o Firestone
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
9041	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2405	50.7	47.5	F
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Southbound</p> <p>n/o I-105 &amp; n/o Firestone</p> <p>CALTRANS</p> <p>2026 NEPA Baseline</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47/Northbound	at Cdre. Schuyler Heim Bridge
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD	<input type="checkbox"/> O^ E^D	<input type="checkbox"/> U a } a * Aaaa	
Flow Inputs			
2281		0.94	
		0	
		0	
		Level	
		mi	
Calculate Flow Adjustments			
1.00		1.2	
1.5		1.000	
Speed Inputs		Calc Speed Adj and FFS	
3			
55.0		55.0	
LOS and Performance Measures		Design (N)	
809			
55.0			
14.7			
B			
Glossary		Factor Location	



BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47/Eastbound	at Vincent Thomas Bridge
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
4223	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
2	55.0		55.0
LOS and Performance Measures		Design (N)	
2246	50.1		
44.8	E		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47/Westbound	at Vincent Thomas Bridge
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
3406	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
2	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1812	55.0	32.9	D
<b>Glossary</b>		<b>Factor Location</b>	



BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-91/Westbound	East of Alameda St & Santa Fe
8/6/2013	PM Peak Hour	CALTRANS	2026 NEPA Baseline
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Aaaa			
<b>Flow Inputs</b>			
9358	0.94		
	0		
	0		
	Level		
	mi		
<b>Calculate Flow Adjustments</b>			
1.00	1.2		
1.5	1.000		
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
6	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1659	64.0	25.9	C
<b>Glossary</b>		<b>Factor Location</b>	

**2026 PROPOSED PROJECT**

**AM/PM PEAK HOURS**



BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Northbound	South of C St
8/6/2013	AM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
6392	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
4	65.0	65.0	
LOS and Performance Measures		Design (N)	
1700	63.7	26.7	D
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-110/Northbound</p> <p>South of C St</p> <p>CALTRANS</p> <p>2026 Proposed Project</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Southbound	South of C St
8/6/2013	AM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
4492	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1195	65.0	18.4	C
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-110/Southbound</p> <p>South of C St</p> <p>CALTRANS</p> <p>2026 Proposed Project</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Northbound at Santa Fe Av	
8/6/2013	AM Peak Hour	CALTRANS	
YTI Project - Port of Los Angeles		2026 Proposed Project	
<input checked="" type="checkbox"/> UJ		<input type="checkbox"/> UJ	
Flow Inputs			
12796	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
2723	40.2	67.8	F
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-405/Northbound at Santa Fe Av</p> <p>CALTRANS</p> <p>2026 Proposed Project</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-405/Southbound at Santa Fe Av	
8/6/2013		CALTRANS	
AM Peak Hour		2026 Proposed Project	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
8892	0.94	0	
		0	
		Level mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
5			
65.0		65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1892			
61.6			
30.7			
D			
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Northbound at Alondra Bl	
8/6/2013		CALTRANS	
AM Peak Hour		2026 Proposed Project	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ		<input type="checkbox"/> O.A	
<b>Flow Inputs</b>			
8128	0.94	0	
		0	
		Level mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
5			
65.0		65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1729			
63.5			
27.2			
D			
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound at Alondra Bl	
8/6/2013	AM Peak Hour	CALTRANS	
YTI Project - Port of Los Angeles		2026 Proposed Project	
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
10588	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
2253	54.7		
41.2	E		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA Raju Associates 8/6/2013 AM Peak Hour	RA Raju Associates 8/6/2013 AM Peak Hour	I-710/Northbound Between I-405 & Del Amo BI CALTRANS 2026 Proposed Project	I-710/Northbound Between I-405 & Del Amo BI CALTRANS 2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a } a * Aaaa			
<b>Flow Inputs</b>			
8758 0.94 0 0 Level mi	8758 0.94 0 0 Level mi	0.94 0 0 Level mi	0.94 0 0 Level mi
<b>Calculate Flow Adjustments</b>			
1.00 1.5	1.00 1.5	1.2 1.000	1.2 1.000
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4 55.0	4 55.0	55.0 55.0	55.0 55.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2329 48.1 48.4 F	2329 48.1 48.4 F	2329 48.1 48.4 F	2329 48.1 48.4 F
<b>Glossary</b>		<b>Factor Location</b>	
[Detailed glossary text]	[Detailed glossary text]	[Detailed factor location text]	[Detailed factor location text]

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound	Between I-405 & Del Amo Bl
8/6/2013	AM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Oaaa			
<b>Flow Inputs</b>			
9197	0.94	0	0
		Level	mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2446	44.7	54.7	F
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET	
<b>General Information</b>	
<b>Site Information</b>	
RA Raju Associates 8/6/2013 AM Peak Hour YTI Project - Port of Los Angeles	I-710/Northbound Between PCH & Willow St CALTRANS 2026 Proposed Project
<input checked="" type="checkbox"/> UJ <input type="checkbox"/> O <input type="checkbox"/> U	
<b>Flow Inputs</b>	
7979 0.94 0 0 Level mi	0.94 0 0 Level mi
<b>Calculate Flow Adjustments</b>	
1.00 1.5	1.2 1.000
<b>Speed Inputs</b>	
<b>Calc Speed Adj and FFS</b>	
3 55.0	55.0
<b>LOS and Performance Measures</b>	
<b>Design (N)</b>	
2829 28.9 98.0 F	2829 28.9 98.0 F
<b>Glossary</b>	
<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	Between PCH & Willow St
8/6/2013	AM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
8685	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
3080	14.5	211.7	F
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	North of Florence Av
8/6/2013	AM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
9245	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2459	49.1		
	50.1		
	F		
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound	
8/6/2013		North of Florence Av	
AM Peak Hour		CALTRANS	
YTI Project - Port of Los Angeles		2026 Proposed Project	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^• EUD	
<input type="checkbox"/> U a} a * Aaaa			
<b>Flow Inputs</b>			
7697	0.94		
0	0		
0	Level		
	mi		
<b>Calculate Flow Adjustments</b>			
1.00	1.2		
1.5	1.000		
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2047	59.1	59.1	
34.7	D	D	
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	n/o I-105 and n/o Firestone
8/6/2013	AM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
9237	0.94	0	0
			Level
			mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2457	49.2		
50.0			
F			
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound	n/o I-105 & n/o Firestone
8/6/2013	AM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
8366	0.94	0	0
			Level
			mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2225	55.3	40.2	E
<b>Glossary</b>		<b>Factor Location</b>	

**BASIC FREEWAY SEGMENTS WORKSHEET**

General Information		Site Information	
RA	Raju Associates	SR-47 Northbound at Cdre. Schuyler Heim Bridge	
8/6/2013	AM Peak Hour	CALTRANS	
YTI Project - Port of Los Angeles		2026 Proposed Project	

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**Flow Inputs**

2604	0.94	0	0	Level	mi
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**Calculate Flow Adjustments**

1.00	1.2	1.5	1.000
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**Speed Inputs**

Speed Inputs	Calc Speed Adj and FFS
3	
55.0	55.0

**LOS and Performance Measures**

LOS and Performance Measures	Design (N)
923	
55.0	
16.8	
B	

**Glossary**

Glossary	Factor Location

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47 Southbound	at Cdre. Schuyler Heim Bridge
8/6/2013	AM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Oaaa			
<b>Flow Inputs</b>			
3445	0.94		
	0		
	0		
	Level		
	mi		
<b>Calculate Flow Adjustments</b>			
1.00	1.2		
1.5	1.000		
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1222	55.0	22.2	C
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47/Eastbound	at Vincent Thomas Bridge
8/6/2013	AM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
3416	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
2	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1817	55.0	33.0	D
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47/Westbound	at Vincent Thomas Bridge
8/6/2013	AM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
3526	0.94	0	0
	Level		
	mi		
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
2	55.0		55.0
LOS and Performance Measures		Design (N)	
1876	54.9		
34.2			
D			
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-110/Northbound	South of C St
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
5241	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1394	65.0	21.4	C
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Southbound	South of C St
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
5156	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
4	65.0	65.0	
LOS and Performance Measures		Design (N)	
1371	65.0	21.1	C
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-110/Southbound</p> <p>South of C St</p> <p>CALTRANS</p> <p>2026 Proposed Project</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-405/Northbound at Santa Fe Av	
8/6/2013		CALTRANS	
PM Peak Hour		2026 Proposed Project	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ		<input type="checkbox"/> O.A	
<b>Flow Inputs</b>			
9934	0.94	0	
		0	
		Level mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
5			
65.0		65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2114			
57.8			
36.6			
E			
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Southbound	at Santa Fe Av
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
13025	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
2771	38.3	72.3	F
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-405/Southbound</p> <p>at Santa Fe Av</p> <p>CALTRANS</p> <p>2026 Proposed Project</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound at Alondra Bl	
8/6/2013	PM Peak Hour	CALTRANS	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> Urban Freeway		<input type="checkbox"/> Rural Freeway	
<input type="checkbox"/> Urban Freeway		<input type="checkbox"/> Rural Freeway	
Flow Inputs			
9042		0.94	
		0	
		0	
		Level	
		mi	
Calculate Flow Adjustments			
1.00		1.2	
1.5		1.000	
Speed Inputs		Calc Speed Adj and FFS	
5			
65.0		65.0	
LOS and Performance Measures		Design (N)	
1924			
61.1			
31.5			
D			
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound at Alondra Bl	
8/6/2013		CALTRANS	
PM Peak Hour		2026 Proposed Project	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U		<input type="checkbox"/> D	
<b>Flow Inputs</b>			
7880		0.94	
		0	
		0	
		Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00		1.2	
1.5		1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
5			
65.0		65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1677			
63.9			
26.2			
D			
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Northbound	Between I-405 & Del Amo Bl
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Oaaa			
<b>Flow Inputs</b>			
8458	0.94	0	0
Level	mi		
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.5	1.000
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2249	50.0	45.0	E
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound Between I-405 & Del Amo Bl CALTRANS 2026 Proposed Project	
8/6/2013	PM Peak Hour	YTI Project - Port of Los Angeles	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Oaaa			
<b>Flow Inputs</b>			
7126	0.94	0	
0	0	Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1895	54.8	34.6	
D		D	
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	Between PCH & Willow St
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
6274	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
2225	50.5	44.0	E
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	Between PCH & Willow St
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
6323	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
2242	50.2	44.7	E
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p> <p><input checked="" type="checkbox"/> U</p> <p><input type="checkbox"/> O</p> <p><input type="checkbox"/> U</p>		<p>I-710/Southbound</p> <p>Between PCH &amp; Willow St</p> <p>CALTRANS</p> <p>2026 Proposed Project</p> <p>Level mi</p> <p>1.000</p> <p>3</p> <p>55.0</p> <p>2242</p> <p>50.2</p> <p>44.7</p> <p>E</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	North of Florence Av
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
7515	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1999	59.9	33.4	D
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Northbound</p> <p>North of Florence Av</p> <p>CALTRANS</p> <p>2026 Proposed Project</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound	North of Florence Av
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
<b>Flow Inputs</b>			
8734	0.94	0	0
			Level
			mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2323	52.9	43.9	E
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	n/o I-105 and n/o Firestone
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
8230	0.94	0	0
			Level
			mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2189	56.2		
39.0			
E			
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	n/o I-105 & n/o Firestone
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
9042	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2405	50.7	47.5	F
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET

General Information		Site Information	
RA	Raju Associates	SR-47/Northbound	at Cdre. Schuyler Heim Bridge
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project

YTI Project - Port of Los Angeles

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Flow Inputs			
2304			0.94
			0
			0
			Level
			mi

Calculate Flow Adjustments			
1.00		1.2	
1.5		1.000	

Speed Inputs		Calc Speed Adj and FFS	
3			
55.0		55.0	

LOS and Performance Measures		Design (N)	
817			
55.0			
14.9			
B			

Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47/Southbound	at Cdre. Schuyler Heim Bridge
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<b>Flow Inputs</b>			
1945	0.94	0	0
Level	mi		
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.5	1.000
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
690	55.0	12.5	B
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47/Eastbound	at Vincent Thomas Bridge
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
4237	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
2	55.0		55.0
LOS and Performance Measures		Design (N)	
2254	49.9	45.2	F
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47/Eastbound</p> <p>at Vincent Thomas Bridge</p> <p>CALTRANS</p> <p>2026 Proposed Project</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47/Westbound	at Vincent Thomas Bridge
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
3411	0.94	0	0
	Level		
	mi		
Calculate Flow Adjustments			
1.00	1.2		
1.5	1.000		
Speed Inputs		Calc Speed Adj and FFS	
2	55.0		
LOS and Performance Measures		Design (N)	
1814	55.0		
	33.0		
	D		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-91/Eastbound	East of Alameda St & Santa Fe
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a } a * Oaaa			
<b>Flow Inputs</b>			
7271	0.94	0	0
	Level		
	mi		
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
6	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1289	65.0	19.8	C
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-91/Westbound	East of Alameda St & Santa Fe
8/6/2013	PM Peak Hour	CALTRANS	2026 Proposed Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^I EŠUÙD	<input type="checkbox"/> Ö• EŠD	<input type="checkbox"/> Ú a} a * ÖaaaÁ	
<b>Flow Inputs</b>			
9358	0.94	0	0
		Level	mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
6	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1659	64.0	25.9	C
<b>Glossary</b>		<b>Factor Location</b>	

**2026 REDUCED PROJECT  
(IMPROVE BERTHS 217-220 ONLY)**

**AM/PM PEAK HOURS**



BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Northbound	South of C St
8/6/2013	AM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
6392	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1700	63.7		
26.7	D		
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Southbound	South of C St
8/6/2013	AM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
4492	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1195	65.0	18.4	C
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-110/Southbound</p> <p>South of C St</p> <p>CALTRANS</p> <p>2026 Reduced Project</p>	



BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Southbound at Santa Fe Av	
8/6/2013	AM Peak Hour	CALTRANS	
YTI Project - Port of Los Angeles		2026 Reduced Project	
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
8892	0.94	0	
0	0	Level mi	
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0	65.0	
LOS and Performance Measures		Design (N)	
1892	61.6	30.7	
		D	
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-405/Southbound at Santa Fe Av</p> <p>CALTRANS</p> <p>2026 Reduced Project</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound at Alondra Bl	
8/6/2013	AM Peak Hour	CALTRANS 2026 Reduced Project	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ		<input type="checkbox"/> UJ	
Flow Inputs			
8128	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
1729	63.5		
27.2	D		
Glossary		Factor Location	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound at Alondra Bl	
8/6/2013	AM Peak Hour	CALTRANS	
YTI Project - Port of Los Angeles		2026 Reduced Project	
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
10588	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0	65.0	
LOS and Performance Measures		Design (N)	
2253	54.7	41.2	E
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>I-710/Southbound at Alondra Bl</p> <p>CALTRANS</p> <p>2026 Reduced Project</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound Between I-405 & Del Amo Bl CALTRANS 2026 Reduced Project	
8/6/2013	AM Peak Hour	YTI Project - Port of Los Angeles	
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a } a * Oaaa			
<b>Flow Inputs</b>			
9197	0.94	0	
0	0	Level	
		mi	
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2446	44.7	54.7	
F			
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	Between PCH & Willow St
8/6/2013	AM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
7979	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
2829	28.9	98.0	F
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	Between PCH & Willow St
8/6/2013	AM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> A
Flow Inputs			
8685	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
3080	14.5	211.7	F
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	n/o I-105 and n/o Firestone
8/6/2013	AM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
9237	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
2457	49.2	50.0	F
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Southbound	n/o I-105 & n/o Firestone
8/6/2013	AM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
8366	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2225	55.3	40.2	E
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47 Northbound	at Cdre. Schuyler Heim Bridge
8/6/2013	AM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a} a * Aaaa			
Flow Inputs			
2604	0.94	0	0
Level	mi		
Calculate Flow Adjustments			
1.00	1.2	1.5	1.000
Speed Inputs		Calc Speed Adj and FFS	
3	55.0	55.0	
LOS and Performance Measures		Design (N)	
923	55.0	16.8	B
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47 Southbound	at Cdre. Schuyler Heim Bridge
8/6/2013	AM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a } a * Oaaa			
<b>Flow Inputs</b>			
3445	0.94		
	0		
	0		
	Level		
	mi		
<b>Calculate Flow Adjustments</b>			
1.00	1.2		
1.5	1.000		
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
3	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1222	55.0	22.2	C
<b>Glossary</b>		<b>Factor Location</b>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47/Eastbound	at Vincent Thomas Bridge
8/6/2013	AM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ		<input type="checkbox"/> O.A	
<b>Flow Inputs</b>			
3416	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
2	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1817	55.0	33.0	D
<b>Glossary</b>		<b>Factor Location</b>	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>AM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p> <p><input checked="" type="checkbox"/> UJ</p> <p>3416</p> <p>0.94</p> <p>0</p> <p>0</p> <p>Level mi</p> <p>1.00</p> <p>1.2</p> <p>1.000</p> <p>2</p> <p>55.0</p>		<p>SR-47/Eastbound</p> <p>at Vincent Thomas Bridge</p> <p>CALTRANS</p> <p>2026 Reduced Project</p> <p><input type="checkbox"/> O.A</p> <p>0.94</p> <p>0</p> <p>0</p> <p>Level mi</p> <p>1.000</p> <p>55.0</p> <p>55.0</p> <p></p> <p>1817</p> <p>55.0</p> <p>33.0</p> <p>D</p>	

BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-47/Westbound	at Vincent Thomas Bridge
8/6/2013	AM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
3526	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
2	55.0	55.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1876	54.9	34.2	D
<b>Glossary</b>		<b>Factor Location</b>	





BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-110/Northbound	South of C St
8/6/2013	PM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
<b>Flow Inputs</b>			
5241	0.94	0	0
			Level mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1394	65.0	21.4	C
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-110/Southbound	South of C St
8/6/2013	PM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
5156	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1371	65.0	21.1	C
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-405/Southbound at Santa Fe Av	CALTRANS
8/6/2013	PM Peak Hour	2026 Reduced Project	
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	
Flow Inputs			
13025	0.94	0	0
		Level	mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
5	65.0		65.0
LOS and Performance Measures		Design (N)	
2771	38.3	72.3	F
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Southbound	Between PCH & Willow St
8/6/2013	PM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
Flow Inputs			
6323	0.94	0	0
			Level
			mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
3	55.0		55.0
LOS and Performance Measures		Design (N)	
2242	50.2	44.7	E
Glossary		Factor Location	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	I-710/Northbound	North of Florence Av
8/6/2013	PM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
7515	0.94	0	0
			Level
			mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
4	65.0		65.0
LOS and Performance Measures		Design (N)	
1999	59.9		
	33.4		
	D		
Glossary		Factor Location	



BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	I-710/Northbound	n/o I-105 and n/o Firestone
8/6/2013	PM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> D	<input type="checkbox"/> *	
<b>Flow Inputs</b>			
8230	0.94	0	0
			Level
			mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
4	65.0		65.0
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
2189	56.2		
	39.0		
	E		
<b>Glossary</b>		<b>Factor Location</b>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
General Information		Site Information	
RA	Raju Associates	SR-47/Eastbound	at Vincent Thomas Bridge
8/6/2013	PM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> U	<input type="checkbox"/> O	<input type="checkbox"/> U	<input type="checkbox"/> U
Flow Inputs			
4237	0.94	0	0
			Level mi
Calculate Flow Adjustments			
1.00	1.2	1.000	
1.5			
Speed Inputs		Calc Speed Adj and FFS	
2	55.0		55.0
LOS and Performance Measures		Design (N)	
2254	49.9	45.2	F
Glossary		Factor Location	
<p>RA</p> <p>Raju Associates</p> <p>8/6/2013</p> <p>PM Peak Hour</p> <p>YTI Project - Port of Los Angeles</p>		<p>SR-47/Eastbound</p> <p>at Vincent Thomas Bridge</p> <p>CALTRANS</p> <p>2026 Reduced Project</p>	

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BASIC FREEWAY SEGMENTS WORKSHEET			
<b>General Information</b>		<b>Site Information</b>	
RA	Raju Associates	SR-91/Eastbound	East of Alameda St & Santa Fe
8/6/2013	PM Peak Hour	CALTRANS	2026 Reduced Project
YTI Project - Port of Los Angeles			
<input checked="" type="checkbox"/> UJ ^i ESUUD		<input type="checkbox"/> O^ EPD	
<input type="checkbox"/> U a } a * Oaaa			
<b>Flow Inputs</b>			
7271	0.94	0	0
		Level	mi
<b>Calculate Flow Adjustments</b>			
1.00	1.2	1.000	
1.5			
<b>Speed Inputs</b>		<b>Calc Speed Adj and FFS</b>	
6	65.0	65.0	
<b>LOS and Performance Measures</b>		<b>Design (N)</b>	
1289	65.0	19.8	C
<b>Glossary</b>		<b>Factor Location</b>	

