

APPENDIX B
TABLES

Table A: Existing Plus Project ILV Summary

		AM Peak Hour		PM Peak Hour	
		ILV/HR	Capacity	ILV/HR	Capacity
Existing					
9	I-5 Northbound Off-Ramp/National Avenue	754	Under	799	Under
11	I-5 Northbound Ramps/24th Street	1,352	Near	1,071	Under
12	I-5 Southbound Ramps/24th Street	584	Under	864	Under
Existing Plus Project (Staging Areas 1 & 2)					
9	I-5 Northbound Off-Ramp/National Avenue	778	Under	812	Under
Existing Plus Project (Staging Area 3)					
9	I-5 Northbound Off-Ramp/National Avenue	778	Under	812	Under
Existing Plus Project (Staging Area 4)					
9	I-5 Northbound Off-Ramp/National Avenue	778	Under	812	Under
Existing Plus Project (Staging Area 5)					
11	I-5 Northbound Ramps/24th Street	1,352	Near	1,071	Under
12	I-5 Southbound Ramps/24th Street	600	Under	870	Under

ILV = Intersection Lane Vehicles

HR = Hour

Capacity shown as Under (less than 1,200 ILV/hr), Near (1,200 to 1,500 ILV/hr), or Over (greater than 1,500 ILV/hr)

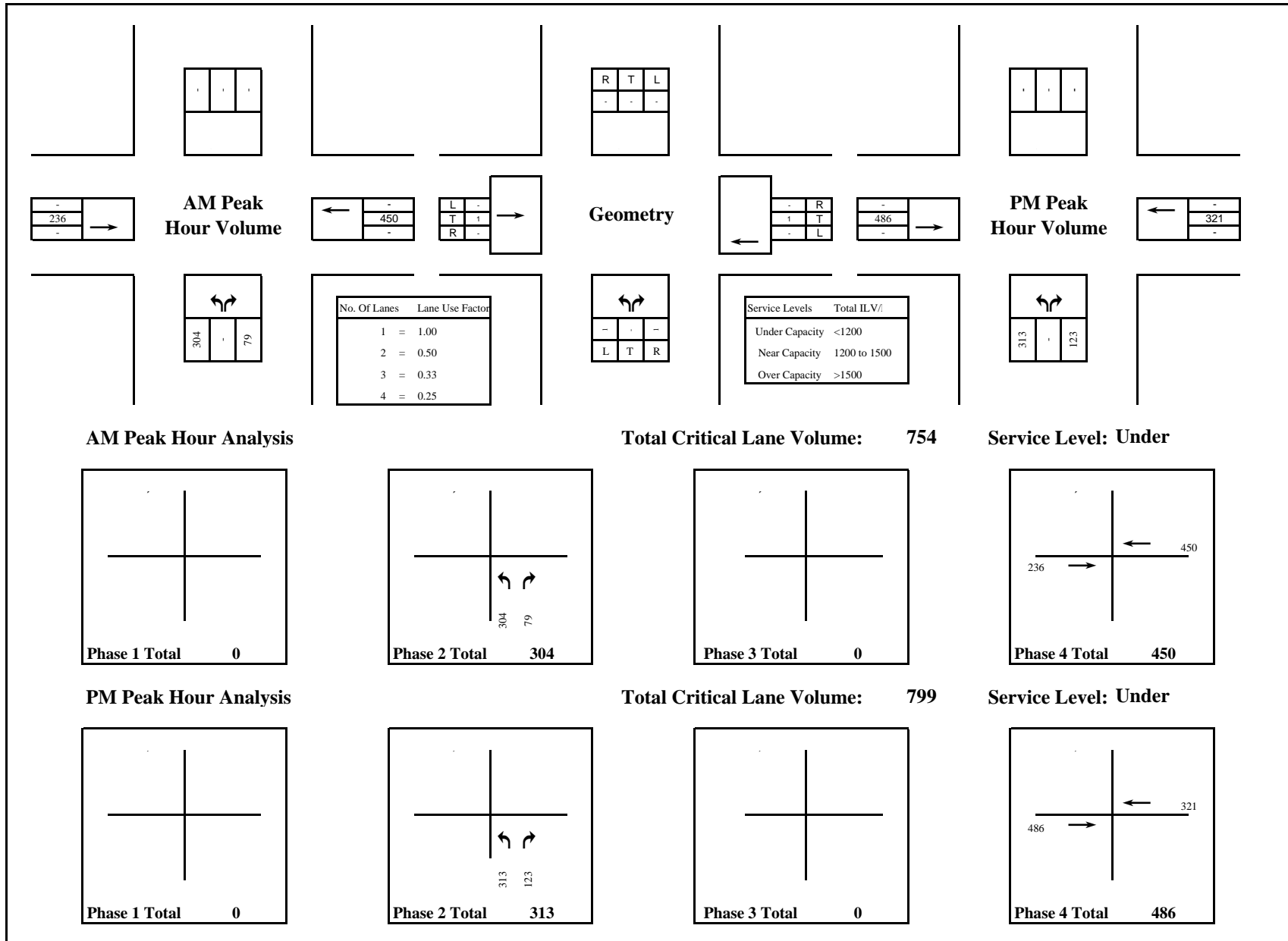


FIGURE 1

L S A

Shipyards Sediment Remediation Project
Existing ILV Calculations
I-5 Northbound Off-Ramp/National Avenue

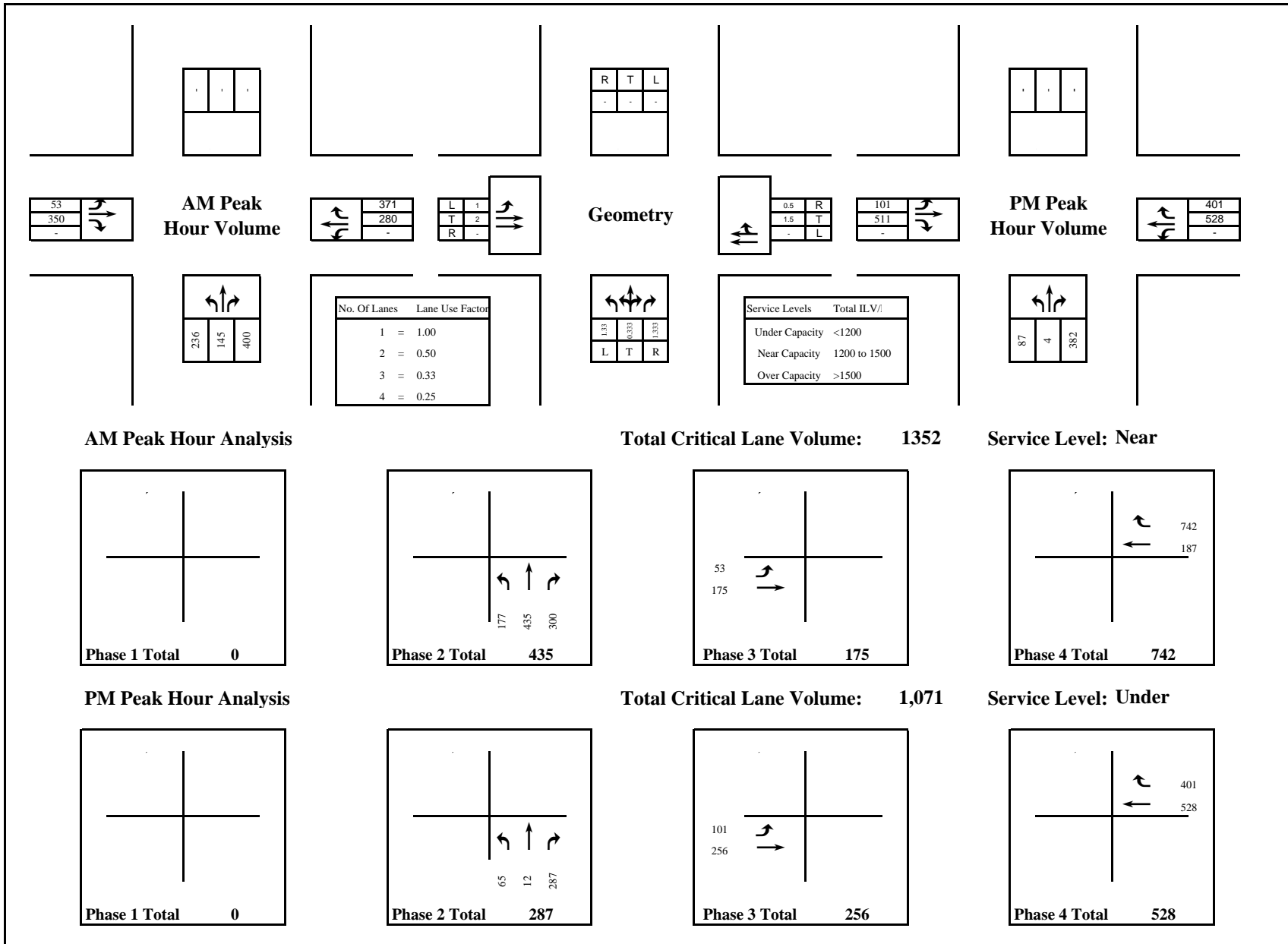


FIGURE 2

L S A

Shipyards Sediment Remediation Project
Existing ILV Calculations
I-5 Northbound Ramps/24th Street

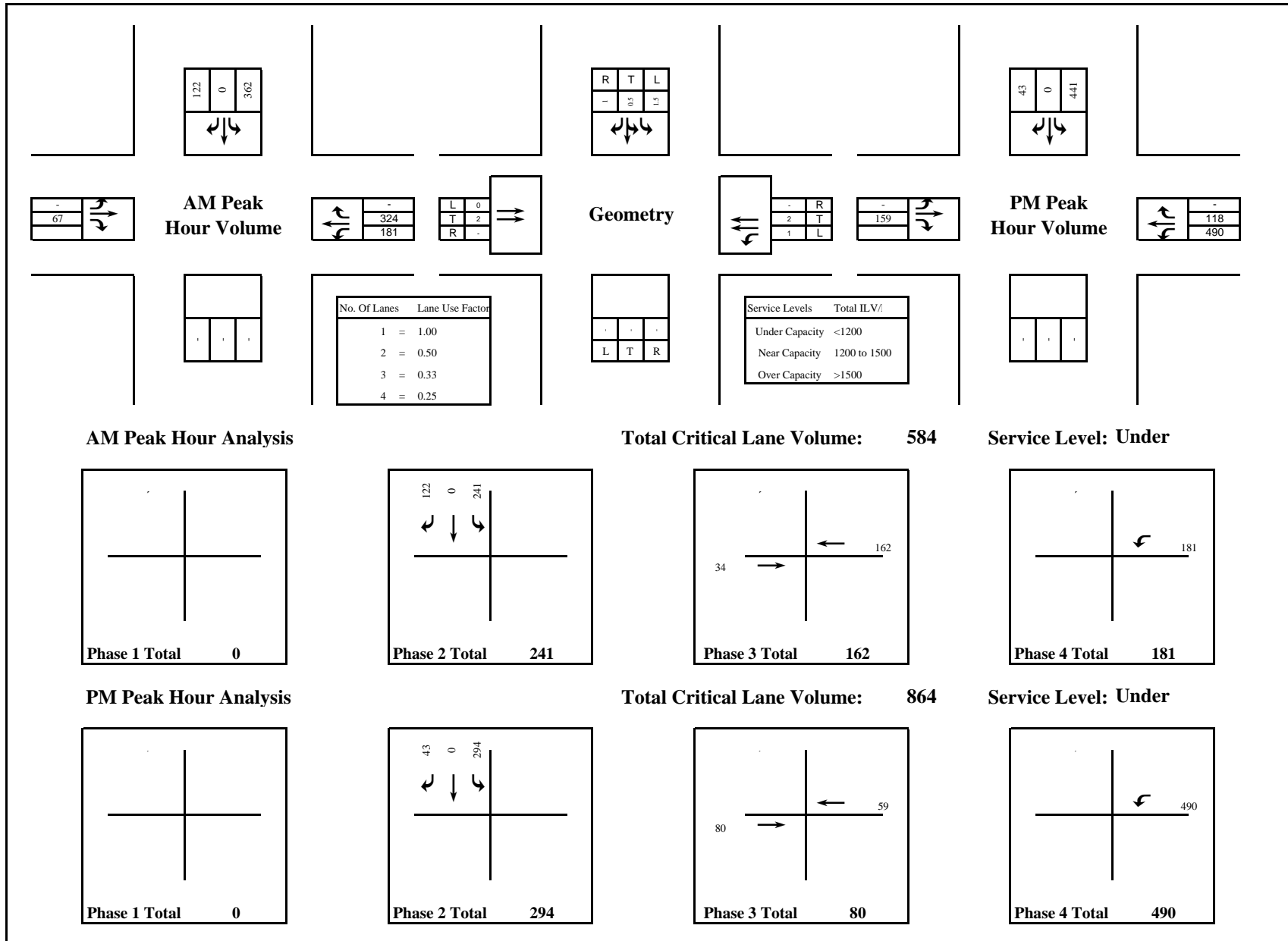


FIGURE 3

L S A

Shipyard Sediment Remediation Project
Existing ILV Calculations
I-5 Southbound Ramps/24th Street

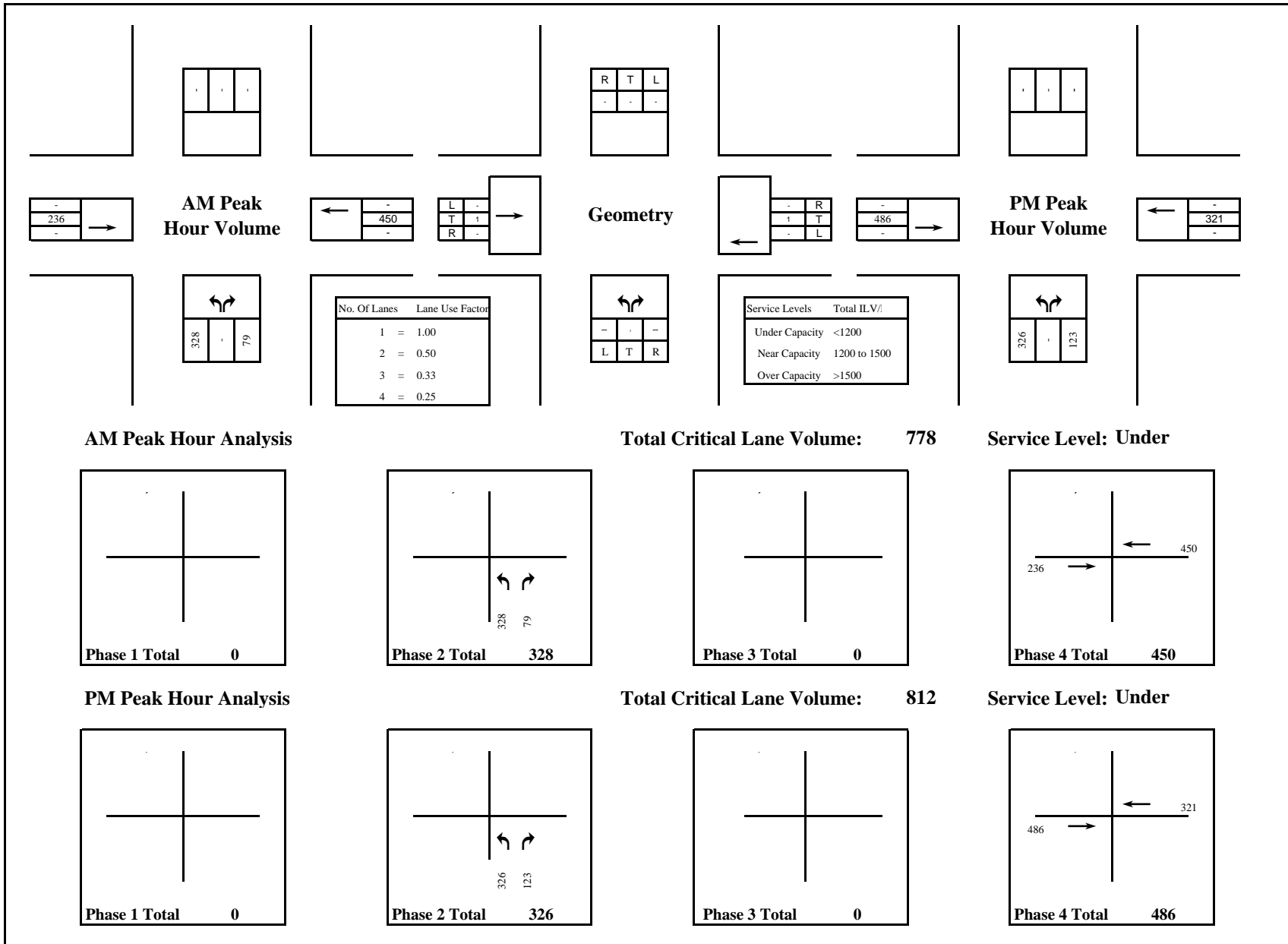


FIGURE 4

L S A

Shipyards Sediment Remediation Project
 Existing Plus Project (Staging Areas 1 & 2) ILV Calculations
 I-5 Northbound Off-Ramp/National Avenue

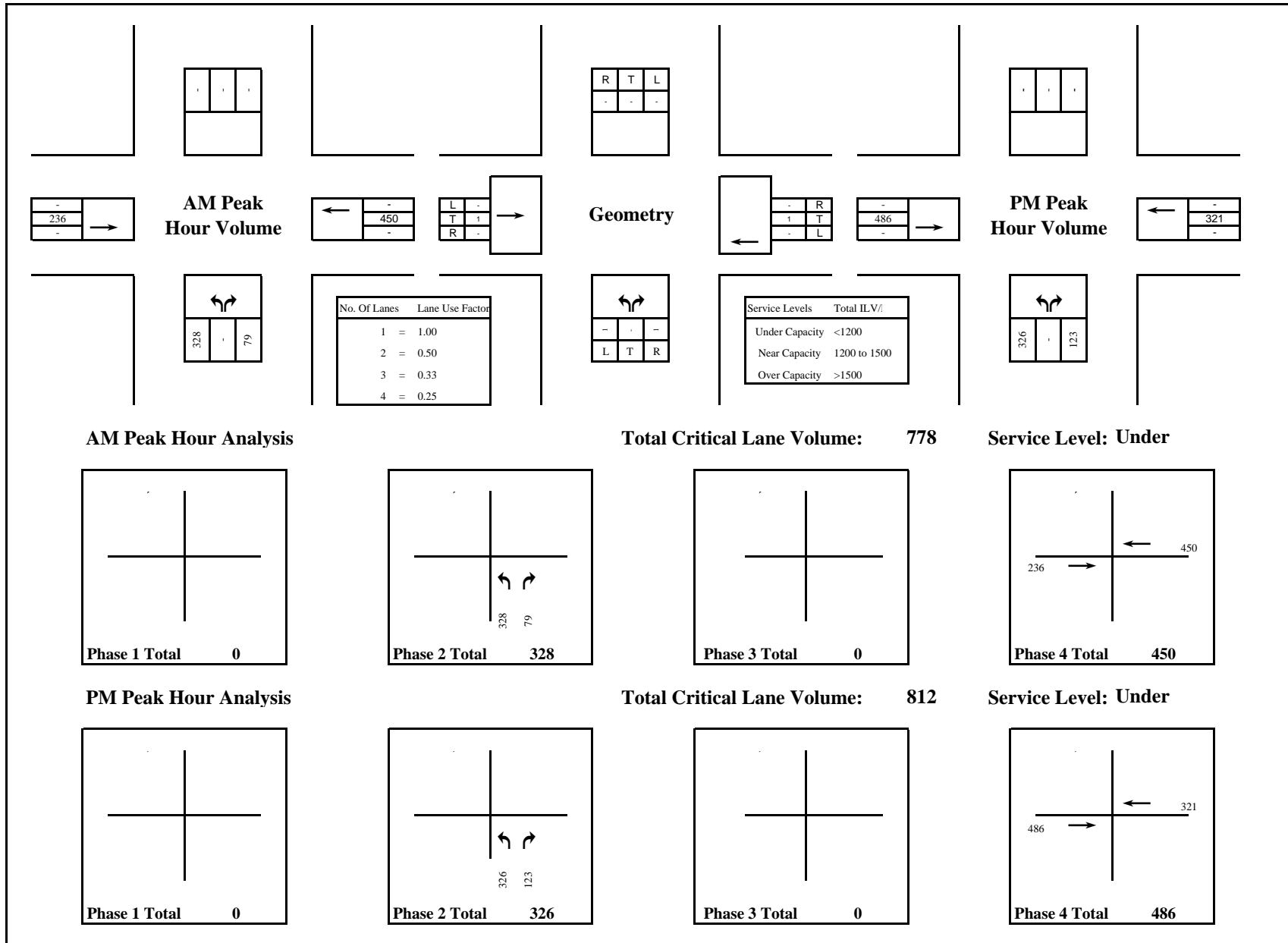


FIGURE 5

L S A

Shipyards Sediment Remediation Project
 Existing Plus Project (Staging Area 3) ILV Calculations
 I-5 Northbound Off-Ramp/National Avenue

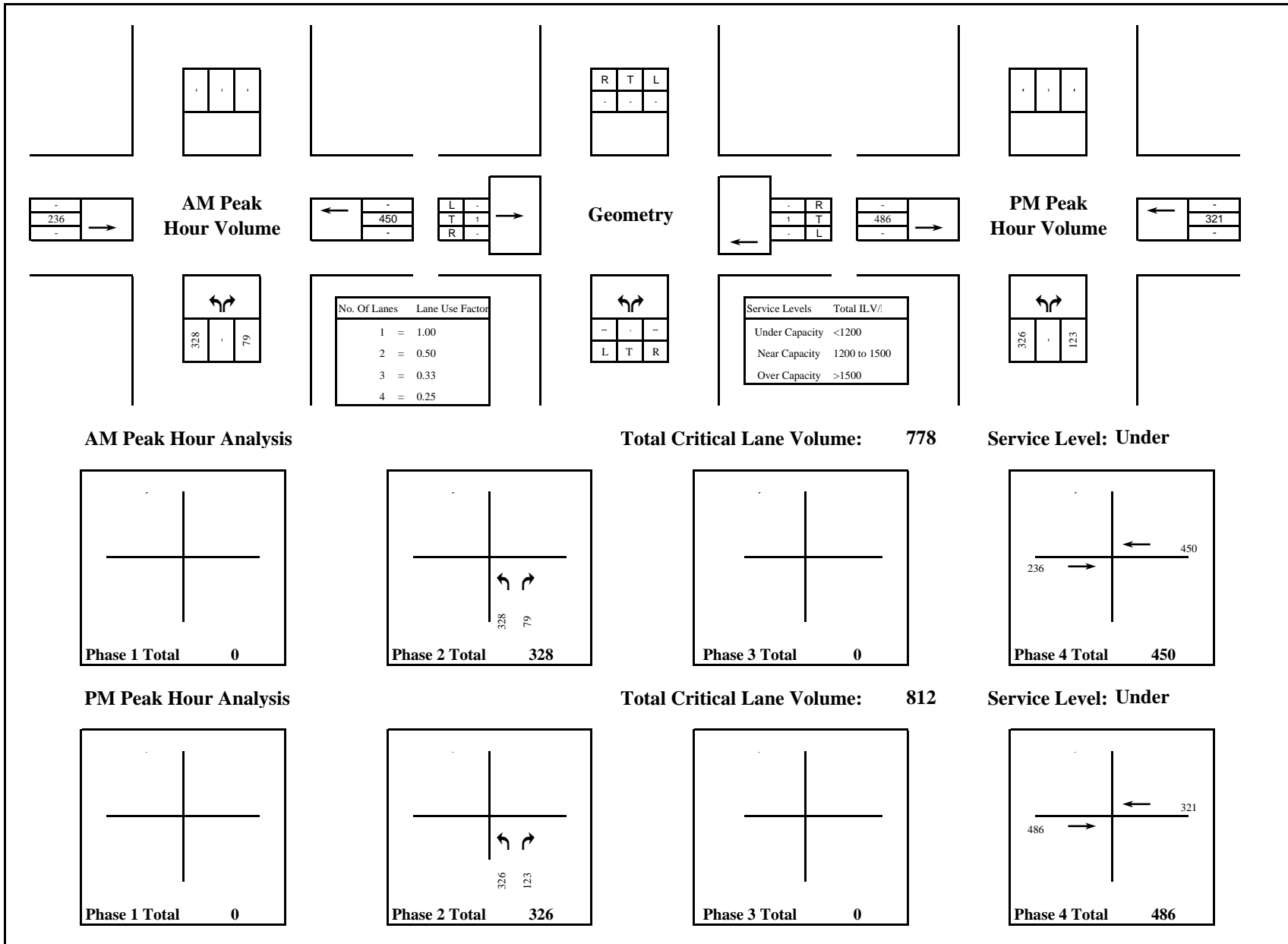


FIGURE 6

L S A

Shipyards Sediment Remediation Project
 Existing Plus Project (Staging Area 4) ILV Calculations
 I-5 Northbound Off-Ramp/National Avenue

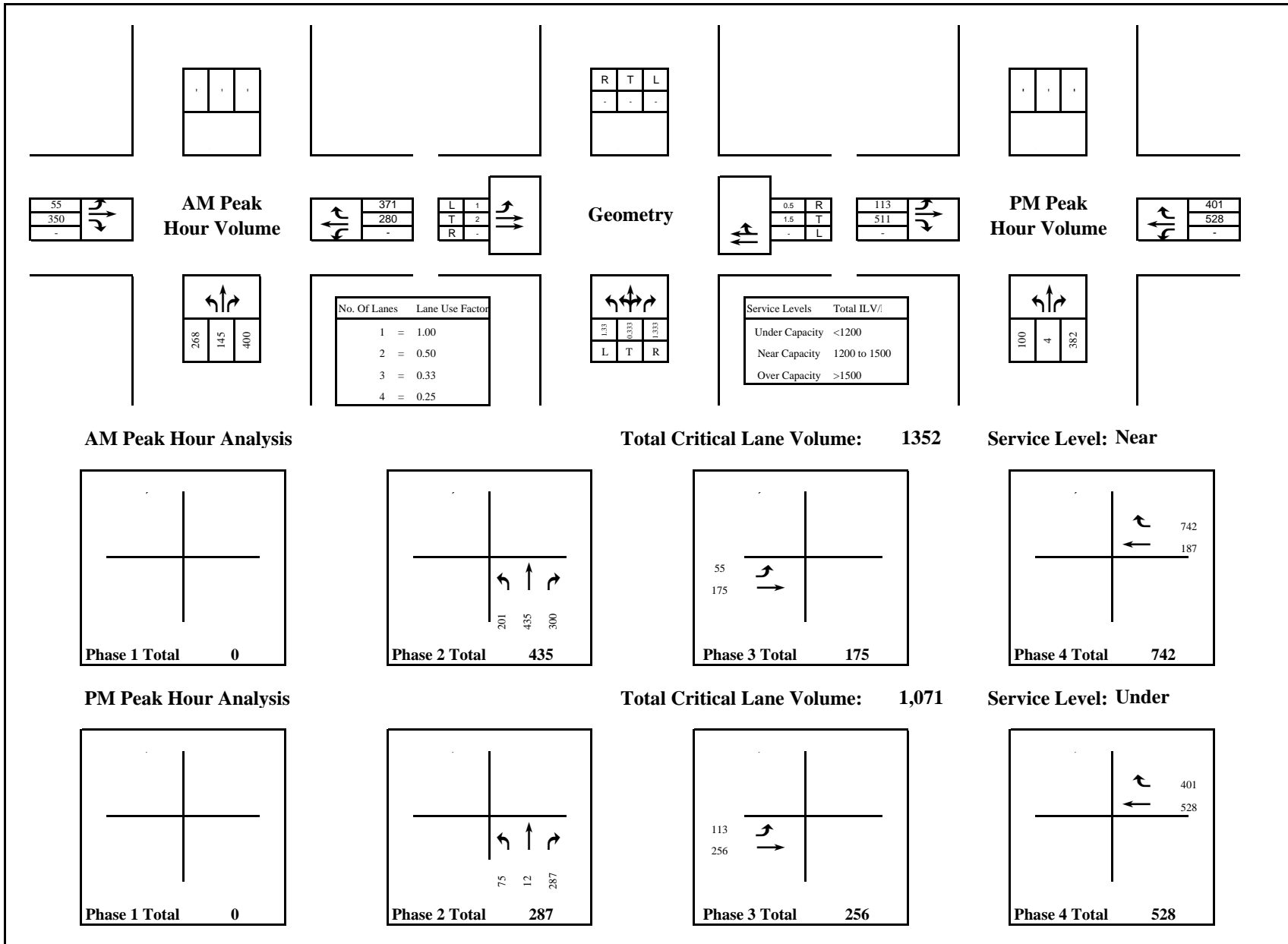


FIGURE 7

L S A

Shipyards Sediment Remediation Project
 Existing Plus Project (Staging Area 5) ILV Calculations
 I-5 Northbound Ramps/24th Street

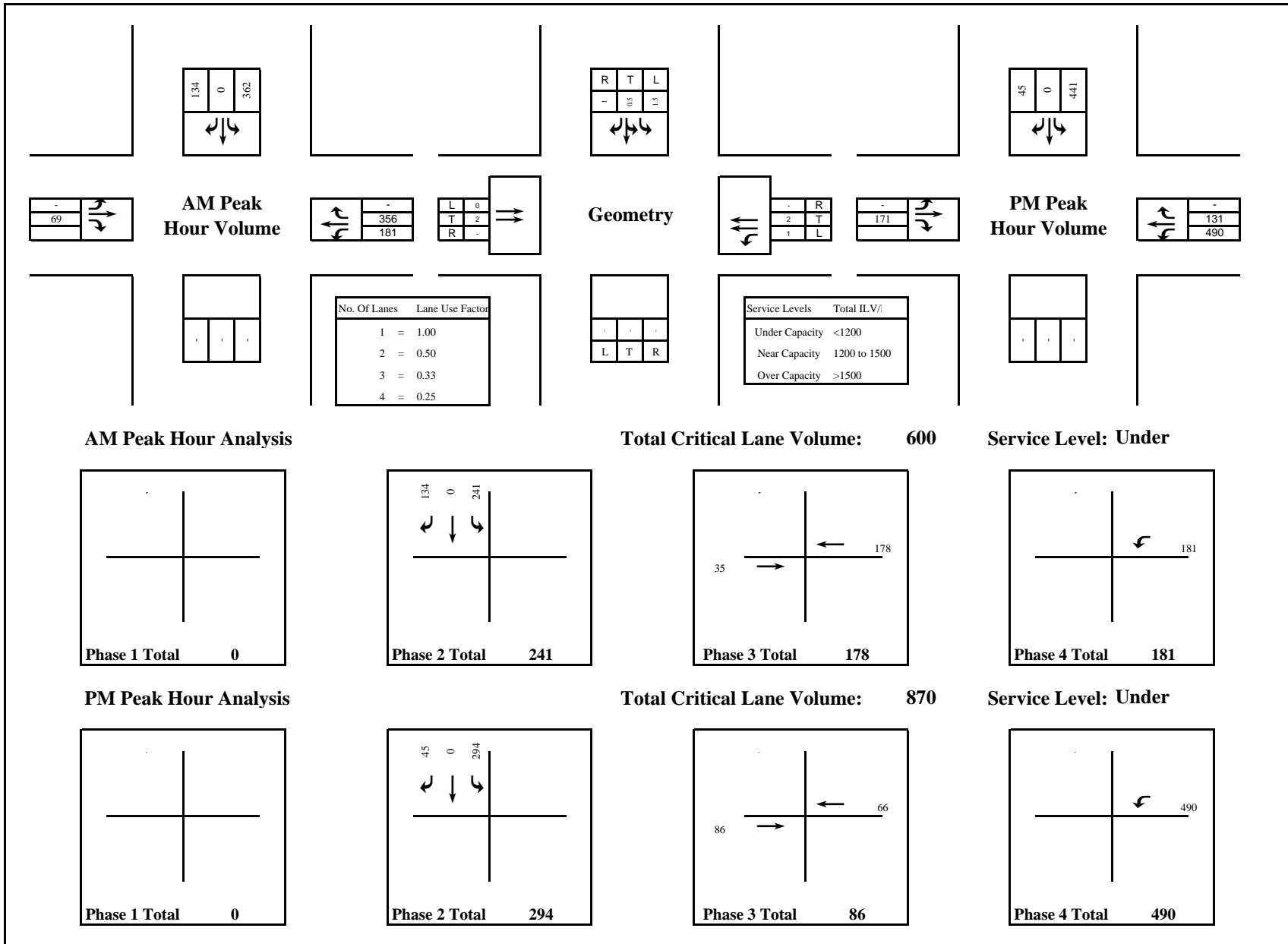


FIGURE 8

L S A

Shipyards Sediment Remediation Project
 Existing Plus Project (Staging Area 5) ILV Calculations
 I-5 Southbound Ramps/24th Street

Table F: Construction Emissions by Task (lb/day)

Task	CO	ROCs	NO _x	SO _x	PM ₁₀	PM _{2.5}	CO ₂
Debris and Pile Removal	53.8	8.2	148.4	5.2	5.4	4.7	10,846.8
Dredging of Project Site	70.0	14.6	340.7	8.6	11.3	10.3	15,171.9
Landside Staging Area, Pad Construction	83.2	14.3	163.8	20.3	8.7	7.6	14,045.8
Landside Staging Area, Operations	168.6	22.4	333.8	7.7	12.6	11.0	36,201.1
Covering of Sediment Near Structures	<u>42.8</u> 30.9	<u>7.1</u> 5.5	<u>128.8</u> 105.2	<u>3.9</u> 3.9	<u>4.7</u> 3.9	<u>4.3</u> 3.5	<u>8393.6</u> 5,747.9

Source: LSA Associates, Inc., March 2011.

Table G: Peak Daily Construction Emissions (lbs/day)

Activity	CO	ROCs	NO _x	SO _x	PM ₁₀	PM _{2.5}	CO ₂
Pad Construction	83.2	14.3	163.8	20.3	8.7	7.6	14,045.8
Dredging/Landside Operations	<u>335.2</u> 323.3	<u>52.3</u> 50.7	<u>951.7</u> 928.1	<u>25.4</u> 25.4	<u>34.0</u> 33.2	<u>30.3</u> 29.5	<u>70,613.4</u> 67,967.7
San Diego Emissions Threshold	550	137	250	250	100	NA¹	NA
Exceed Significance?	NO	NO	YES	NO	NO	NO	NA

Source: LSA Associates, Inc., March 2011.

¹ No threshold has been established.

Note: Bold face numbers indicate emissions exceeding San Diego City emissions threshold.

CO = carbon monoxide

CO₂ = carbon dioxide

NO_x = nitrogen oxides

SO_x = sulfur oxides

PM_{2.5} = particulate matter less than 2.5 microns in size

ROCs = reactive organic compounds

PM₁₀ = particulate matter less than 10 microns in size