

# ***APPENDIX O***

***Detail – Estimated ROW Impacts by Element  
by Land Use Category (Alternatives C,D,E)***

***Detail – Estimated ROW Impacts by City,  
Total/ Exclusive of Utility ROW (Alternatives  
C,D,E)***

***Detail – Estimated ROW Impacts by Cost by  
Cost Category (Alternatives C,D,E)***

Parsons Brinckerhoff, Inc., March 2003

## Estimated Right-of-Way Impacts by Element by Land Use Category

### *Alternative C – Medium General Purpose/ Medium Truck Alternative*

<b>Component</b>	<b>Sensitive Uses</b>	<b>Commercial/ Industrial</b>	<b>Public/Utility Corridor</b>	<b>Residential</b>	<b>Railroad</b>	<b>Undevelopable Property</b>	<b>TOTAL</b>
Mainline widening	0.1	11.8	7.7	7.9	2.1	2.2	<b>31.8</b>
Anaheim St. Braid		13.6					<b>13.6</b>
Pacific Coast Highway Braid		7.2		4.1			<b>11.3</b>
Willow PARCLO		0.9		3.6		0.1	<b>4.7</b>
405/710		4.8				2.9	<b>7.6</b>
Terminal Island FWY Extension		9.5	17.3	1.0			<b>27.7</b>
Del Amo PARCLO		1.6	2.3				<b>3.9</b>
PCH Truck Ramps		1.6		0.0			<b>1.6</b>
405 Truck Bypass Lanes		7.0	0.8		1.3		<b>9.2</b>
91/105 Truck Bypass Lanes	1.9	4.6	19.6	9.6	0.9	13.2	<b>49.8</b>
Truck Inspection Station			1.6				<b>1.6</b>
Imperial PARCLO		0.1		0.4			<b>0.5</b>
Florence PARCLO		0.8	0.5				<b>1.3</b>
Slauson Diamond 1		4.5	2.1		2.0		<b>8.6</b>
Atlantic/Bandini 1	0.1	25.5			0.6		<b>26.2</b>
CD Roads	0.3	9.7		6.7	0.2		<b>16.9</b>
Washington Truck Ramps		7.0			0.1		<b>7.0</b>
Washington PARCLO	0.3	3.5		6.3	0.6		<b>10.6</b>
5/710 Right Side Ramp	0.1	9.2		0.3			<b>9.6</b>
<b>Totals</b>	<b>2.7</b>	<b>122.9</b>	<b>51.8</b>	<b>39.9</b>	<b>7.8</b>	<b>18.4</b>	<b>243.4</b>

**Alternative D – High General Purpose/High HOV Alternative**

<b>Component</b>	<b>Sensitive Uses</b>	<b>Commercial/ Industrial</b>	<b>Public/Utility Corridor</b>	<b>Residential</b>	<b>Railroad</b>	<b>Undevelopable Property</b>	<b>TOTAL</b>
Mainline widening	1.7	30.3	27.2	20.9	10.0	10.3	<b>100.5</b>
405/710		9.6	0.8	1.1	0.4	3.2	<b>15.1</b>
91/710	5.6	6.6	16.4	32.8			<b>61.3</b>
5/710	6.0	33.0		22.0			<b>61.0</b>
Willow Diamond				2.6		0.5	<b>3.1</b>
Del Amo Diamond		6.2	2.2				<b>8.4</b>
Long Beach Boulevard		1.0	5.9		0.1		<b>7.0</b>
Imperial Diamond		1.1		2.2		2.1	<b>5.3</b>
Florence Diamond		2.0	0.1	0.5			<b>2.6</b>
Atlantic/Bandini 2	0.4	24.7			0.7		<b>25.8</b>
Washington PARCLO	0.2	9.0		5.2	1.0		<b>15.4</b>
405/710 HOV Connector	1.1	3.2					<b>4.2</b>
Terminal Island FWY Truck Expressway		27.4					<b>27.4</b>
Alondra Interchange		1.3		5.6			<b>6.9</b>
<b>Totals</b>	<b>15.0</b>	<b>155.4</b>	<b>52.6</b>	<b>92.8</b>	<b>12.2</b>	<b>16.0</b>	<b>344.0</b>

**Alternative E – High Truck Alternative**

<b>Component</b>	<b>Sensitive Uses</b>	<b>Commercial/ Industrial</b>	<b>Public/Utility Corridor</b>	<b>Residential</b>	<b>Railroad</b>	<b>Undevelopable Property</b>	<b>TOTAL</b>
Exclusive Truck Facility	2.8	110.0	47.9	44.3	7.8	31.0	<b>243.7</b>
405 Truck Ramps		0.4	2.1				<b>2.5</b>
405 IC Improvements	2.9	0.4		5.3		0.0	<b>8.6</b>
91 IC Improvements	2.2			5.6			<b>7.8</b>
5 IC Improvements	4.7	36.3		19.2	0.8	0.5	<b>61.4</b>
Slauson PARCLO		7.8	4.0		0.2		<b>11.9</b>
91 Truck Ramps	2.7	0.6	7.1	12.2			<b>22.6</b>
Firestone Truck Ramps		3.2			0.2		<b>3.4</b>
Washington Truck Ramps	0.4	5.1		1.7	0.0		<b>7.3</b>
<b>Totals</b>	<b>15.7</b>	<b>163.8</b>	<b>61.1</b>	<b>88.3</b>	<b>8.9</b>	<b>31.5</b>	<b>369.3</b>

*Right-of-Way Impacts by City*

	Total Right-of-Way by City			Right-of-Way by City Excluding Utility Right-of-Way		
	Alt. C	Alt. D	Alt. E	Alt. C	Alt. D	Alt. E
<b>Bell</b>	33.5	42.7	41.7	23.6	28.0	37.7
<b>Bell Gardens</b>	8.0	11.2	35.1	8.0	11.2	35.1
<b>Carson</b>	1.6	7.9	0.4	1.6	7.9	0.4
<b>Commerce</b>	38.6	52.6	82.0	38.6	52.6	82.0
<b>Compton</b>	5.7	8.1	18.0	5.7	8.1	17.9
<b>County/East LA</b>	13.5	36.7	18.5	13.5	36.7	18.5
<b>County/Compton Area</b>	1.6	1.7	5.1	1.6	1.7	5.1
<b>County/Rancho Dominguez</b>	0.9	5.1	0.0	0.9	5.1	0.0
<b>Long Beach</b>	109.7	126.3	116.1	69.0	89.4	59.0
<b>City of LA</b>	0.8	27.4	0	0	27.4	0
<b>Lynwood</b>	2.8	3.0	8.9	2.8	3.0	8.9
<b>Paramount</b>	6.8	6.4	5.9	6.8	6.4	5.9
<b>South Gate</b>	10.8	10.3	34.0	10.5	9.3	34.0
<b>Vernon</b>	9.3	4.7	3.6	9.3	4.6	3.6
<b>Total Right-of-Way</b>	<b>243.4</b>	<b>344.0</b>	<b>369.3</b>	<b>191.6</b>	<b>291.4</b>	<b>308.2</b>

## Estimated Capital Cost by Cost Category

### *Alternative B – TSM/TDM Cost Estimate*

	<u>Project Cost*</u>	<u>Right-of-Way*</u>	<u>Total Cost*</u>
<u>Mainlines</u>	<b>\$27.0</b>	<b>\$0.0</b>	<b>\$27.0</b>
<u>Interchanges/ Arterials</u>	<b>\$75.9</b>	<b>\$112.0</b>	<b>\$187.9</b>
<u>Goods Movement</u>	<b>\$25.0</b>	<b>\$0.0</b>	<b>\$25.0</b>
<u>Transit</u>	<b>\$26.4</b>	<b>\$0.0</b>	<b>\$26.4</b>
<u>ITS</u>	<b>\$88.6</b>	<b>\$0.0</b>	<b>\$88.6</b>
<b><u>TOTAL</u></b>	<b>\$242.9</b>	<b>\$112.0</b>	<b>\$354.9</b>

\* 2003 dollars in millions

### *Alternative C – Medium General Purpose/ Medium Truck Cost Estimate*

	<u>Project Cost*</u>	<u>Right-of-Way*</u>	<u>Total Cost*</u>
<u>Mainlines</u>	<b>\$947.5</b>	<b>\$156.9</b>	<b>\$1,104.4</b>
<u>Interchanges</u>	<b>\$382.5</b>	<b>\$200.4</b>	<b>\$582.9</b>
<u>Terminal Island Freeway</u>	<b>\$280.2</b>	<b>\$16.8</b>	<b>\$297.0</b>
<u>TSM/TDM/ Transit</u>	<b>\$168.6</b>	<b>\$0.0</b>	<b>\$168.6</b>
<u>Arterials</u>	<b>\$594.0</b>	<b>\$423.1</b>	<b>\$1,017.1</b>
<b><u>TOTAL</u></b>	<b>\$2,372.8</b>	<b>\$797.2</b>	<b>\$3,170.0</b>

\* 2003 dollars in millions

**Alternative D – High General Purpose/High HOV Cost Estimate**

	<u>Project Cost*</u>	<u>Right-of-Way*</u>	<u>Total Cost*</u>
<u>Mainlines</u>	<b>\$1,149.8</b>	<b>\$139.1</b>	<b>\$1,288.9</b>
<u>Interchanges</u>	<b>\$856.8</b>	<b>\$359.6</b>	<b>\$1,216.4</b>
<u>Terminal Island Freeway</u>	<b>\$151.2</b>	<b>\$62.5</b>	<b>\$213.7</b>
<u>TSM/TDM/ Transit</u>	<b>\$210.2</b>	<b>\$39.3</b>	<b>\$249.5</b>
<u>Arterials</u>	<b>\$385.8</b>	<b>\$274.8</b>	<b>\$660.6</b>
<b>TOTAL</b>	<b>\$2,753.8</b>	<b>\$875.3</b>	<b>\$3,629.1</b>

\* 2003 dollars in millions

**Alternative E – High Truck Cost Estimate**

	<u>Project Cost*</u>	<u>Right-of-Way*</u>	<u>Total Cost*</u>
<u>Mainlines</u>	<b>\$1,811.0</b>	<b>\$411.7</b>	<b>\$2,222.7</b>
<u>Interchanges</u>	<b>\$543.6</b>	<b>\$161.3</b>	<b>\$704.9</b>
<u>Terminal Island Freeway</u>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
<u>TSM/TDM/ Transit</u>	<b>\$222.8</b>	<b>\$87.8</b>	<b>\$310.6</b>
<u>Arterials</u>	<b>\$128.3</b>	<b>\$91.4</b>	<b>\$219.7</b>
<b>TOTAL</b>	<b>\$2,705.7</b>	<b>\$752.2</b>	<b>\$3,457.9</b>

\* 2003 dollars in millions