

# RONALD REAGAN PARKWAY EXTENSION

## CITIZEN'S ADVISORY GROUP (CAG) - REFINEMENT OF TECHNICAL WORKING GROUP (TWG) PARAMETER RANKING

	PARAMETERS : SUB-PARAMETERS	RAW DATA	DATA FROM CAG MTG #3 EXERCISE					Rank	RELATIVE WEIGHTS			Weighting Factors (TWG)	
		Frequency (Stickies)	Central Residents	Business	Education	Commuters	North Residents		Environmental	Inverse Ranking	Calculated % Distribution		Weighting Factors (CAG) *
<b>1</b>	<b>Costs</b>	<b>8</b>									<b>35%</b>		<i>% Dist. 35%</i>
1.1	Design and Construction Costs	3							1	6			9.1%
1.2	Cost v/s Benefits Served								1	6			9.1%
1.3	Cost v/s Revenue Generated	3							2	4			6.1%
1.4	Right-Of-Way Impact Cost	2							3	3			4.6%
1.5	Operation and Maintenance Costs								3	3			4.6%
1.6	Utility Impact Cost								6	1			1.5%
										23			
<b>2</b>	<b>Environmental Impacts</b>	<b>17</b>									<b>30%</b>		<i>% Dist. 30%</i>
2.1	Ecological Impacts	6	2	2		2	1	1	1	8		6.2%	6.3%
2.2	Community Acceptance	8	1	3	2	1	2	2	1	8		6.2%	5.5%
2.3	Environmental Justice Impacts								7	1		0.8%	5.5%
2.4	Cultural Resource Impacts		3			3			3	6		4.6%	3.9%
2.5	Noise Impacts				3	4	3	4	5	4		3.1%	3.9%
2.6	Visual Impacts	2		4	4				5	4		3.1%	2.4%
2.7	Air Quality Impacts	1			1				6	2		1.5%	1.6%
2.8	Environmental Mitigation		4	1			4	3	3	6		4.6%	0.9%
										39			
<b>3</b>	<b>Traffic Operations</b>	<b>5</b>									<b>25%</b>		<i>% Dist. 25%</i>
3.1	Inc. efficiency of traffic ops and utilization		3	2	2	3	2	3	2	5		5.4%	6.8%
3.2	Optimization of Use of Existing Facility	3	4	3	4			1	2	5		5.4%	6.8%
3.3	Reduction in Congestion of Local Roads	2	1	4	3	1	1	2	1	6		6.5%	4.5%
3.4	Reduction in Vehicles Miles Travelled (VMT)					2	4		4	3		3.3%	3.4%
3.5	Level of Service of Adjacent Interchanges		2			4	3		4	3		3.3%	2.4%
3.6	Increase in Transit Routes and Use			1	1			4	5	1		1.1%	1.1%
										23			
<b>4</b>	<b>Constructability</b>	<b>5</b>									<b>10%</b>		<i>% Dist. 10%</i>
4.1	Connection to I-85 and Across	1							1	5			3.1%
4.2	Issues during Construction and Env. Permits	1							2	4			2.5%
4.3	Compatibility with Future Regional Plan	1							2	4			2.5%
4.4	Design Constraints and Issues	1							4	2			1.3%
4.5	Co-ordination with Adjacent Projects	1							5	1			0.6%
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**Notes:**

\* Weighting Factors for each Sub-Parameter is calculated by: (Sub-Parameter Inverse Rank / Sub-Parameters Inverse Rank Total) X Parameter Calculated % Distribution

			26 February 2010
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