


Figure 1: James White Parkway Task Force – Ranking of Alternatives

	CRITERIA										TOTAL	RANK
	Safety	Neighborhood Impacts	Business Impacts	Environmental	Mobility	Traffic Congestion	Access	Implementation	Goods Movement	Equity		
WEIGHTED RANKING	3.1	2.8	2.5	2.4	2.4	2.3	2.2	1.8	1.2	1		
No Action	117.8	327.6	230	297.6	48	55.2	226.6	307.8	69.6	55	1735.2	10
Chapman add one lane each direction and center turn lane	248	369.6	267.5	348	144	149.5	286	237.6	87.6	91	2228.8	6
Chapman partial access control and turn lane	334.8	389.2	275	362.4	146.4	204.7	239.8	217.8	93.6	87	2350.7	5
Freeway to current proposed terminus*	319.3	252	212.5	237.6	254.4	232.3	160.6	165.6	128.4	72	2034.7	8
Parkway to current proposed terminus*	275.9	313.6	227.5	266.4	223.2	200.1	169.4	198	105.6	67	2046.7	7
Boulevard to current proposed terminus*	155	232.4	170	184.8	146.4	115	138.6	181.8	68.4	47	1439.4	12
Freeway to John Sevier Highway	548.7	274.4	352.5	237.6	309.6	317.4	224.4	167.4	187.2	105	2724.2	4
Parkway to John Sevier Highway	492.9	366.8	350	259.2	312	292.1	235.4	207	170.4	97	2782.8	1
Boulevard to John Sevier Highway*	303.8	249.2	265	168	235.2	186.3	195.8	180	111.6	66	1960.9	9
Freeway to Sevier Couty Line	564.2	238	352.5	163.2	381.6	381.8	231	120.6	195.6	97	2725.5	3
Parkway to Sevier County Line	499.1	308	355	184.8	369.6	351.9	261.8	144	170.4	90	2734.6	2
Boulevard to Sevier County Line*	251.1	173.6	257.5	98.4	237.6	204.7	204.6	118.8	109.2	62	1717.5	11

 = Top Scores

*Eliminated Alternatives

NOTE:

An overall weighted ranking for each alternative was computed based on the Task Force’s judgement of the most important evaluation criteria. For example, “safety” was judged to be approximately three times more important than “Equity” when comparing the 12 alternatives. Ranking the alternatives based on criteria was a tool used by the Task Force as part of the analysis. The majority-preferred alternative was not determined strictly by this exercise. It is interesting to note that the alternative with the overall highest score did not place first in any of the criteria categories.

RANK ORDER OF ALTERNATIVES

- 1 Parkway to John Sevier Highway**
- 2 Parkway to Sevier County Line**
- 3 Freeway to Sevier Couty Line**
- 4 Freeway to John Sevier Highway**
- 5 Chapman partial access control and turn lane**
- 6 Chapman add one lane each direction and center turn lane**
- 7 Parkway to current proposed terminus***
- 8 Freeway to current proposed terminus***
- 9 Boulevard to John Sevier Highway***
- 10 No Action**
- 11 Boulevard to Sevier County Line***
- 12 Boulevard to current proposed terminus***