

## Appendix D: Annual Operating Cost Summary

Alternative	No. Service Days	Daily Miles (Train or Bus)	Annual Miles (Train or Bus)	Unit Cost (\$/Train Mile \$/Bus Mile)	Annual Operating Cost	Incremental Cost- Baseline 2
<b>No-Build - Existing VRE Service</b>						
			0	\$5.77	\$0.00	
Broad Run to DC Trains	250	560 (35X16)	140000	\$138.71	\$19,419,400.00	
				<b>Total:</b>	<b>\$19,419,400.00</b>	
<b>Baseline 1-I-66 Bus and Existing VRE</b>						
Bus Line	250	3509	877,250	\$5.77	\$5,061,732.50	
Broad Run to DC Trains	250	560 (35X16)	140000	\$138.71	\$19,419,400.00	
				<b>Total:</b>	<b>\$24,481,132.50</b>	
<b>Baseline 2-Bus to Modified VRE</b>						
Feeder Buses to BR	250	865	216250	\$5.77	\$1,247,762.50	
Broad Run to DC Trains	250	700 (35X20)	175000	\$138.71	\$24,274,250.00	
				<b>Total:</b>	<b>\$25,522,012.50</b>	
<b>Alternative 1B</b>						
Broad Run to DC	250	350 (35X10)	87500	\$138.71	\$12,137,125.00	
G-H to DC	250	430 (43X10)	107500	\$138.71	\$14,911,325.00	
				<b>Total:</b>	<b>\$27,048,450.00</b>	<b>\$1,526,437.50</b>
<b>Alternative 1C</b>						
Broad Run to DC	250	490 (35x14)	122500	\$138.71	\$16,991,975.00	
G-H to DC	250	258 (43X6)	64500	\$138.71	\$8,946,795.00	
Shuttle G-H to AL*	250	1050 (35x30)	262500	\$69.36	\$18,207,000.00	
				<b>Total:</b>	<b>\$44,145,770.00</b>	<b>\$18,623,757.50</b>
<b>Alternative 1D</b>						
G-H to Broad Run to DC	250	864 (48X18)	216000	\$138.71	\$29,961,360.00	\$4,439,347.50

Notes:

\* Two 2-Car consists are assumed to be used for the shuttle service