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# *Wiehle Avenue/Reston Parkway Station Access Management Plans*

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Final Report

ERRATA

*June 30, 2008*

**\*\*The following pages should be used instead of the corresponding pages included in the Final Report\*\***

## Appendices

### Appendix A: Estimated Roadway Action Costs

The following table illustrates the estimated costs, in 2007 dollars, for constructing the recommended roadway actions described in Chapter 2. The costs shown include right-of-way, engineering and other contingencies, but the actual costs may vary depending on the site restraints at each location.

	Project	Estimated Cost
A	New signal and turn lanes on Sunset Hills Rd for access into the proposed Reston Parkway Metrorail station	\$1,251,400
B	New left turn lane for westbound left turning movement at Sunset Hills Rd & Isaac Newton Sq. This would replace the shared left-through lane by providing a dedicated turn lane.	\$1,001,200
C	Add a second left turn lane for northbound traffic at Wiehle Ave & Metro Access (between Sunset Hills Rd & DIAAH) and provide a second inbound lane.	\$500,600
D	Add an additional left turn lane on the eastbound DIAAH ramp at Wiehle Ave	\$500,600
E	Improve the existing right turn lane on eastbound Sunset Hills Rd at Wiehle Ave	\$500,600
F	Improve the existing right turn lane for westbound Sunrise Valley Dr at Wiehle Ave	\$500,600
G	Add northbound through lane on Reston Parkway at Sunrise Valley Dr, continuing the lane to the ramp for eastbound DIAAH	\$1,659,100
H	Improve the right turn lane for southbound Reston Parkway at Sunrise Valley Dr	\$500,600
I	Provide a new connection over the DIAAH between Soapstone Rd and Isaac Newton Sq W, to connect the major east-west roadways: Sunset Hills Rd & Sunrise Valley Dr.	\$41,791,500
J	Provide bus lanes on Sunset Hills Rd from Wiehle Ave to Old Reston Ave	\$8,146,600
K	Isaac Newton Square West from Isaac Newton Square South to the station as an extension of the proposed Soapstone Connector.	\$1,927,100
L	The Station Entrance (already planned for improvements as part of station construction) should be extended across Wiehle Avenue to the Private Driveway as far east as Samuel Morse Dr.	\$3,816,700
M	Michael Faraday Court extension from the new roadway described in (L) north to the extended Roger Bacon Dr described in (N)	\$3,291,100
N	Extension/improvements to Isaac Newton Square South from Isaac Newton Square West to Wildlife Center Drive.	\$4,429,800
	<b>TOTAL</b>	<b>\$69,817,500</b>

## Appendix D: Intersection Action Costs

This table illustrates the estimated costs, in 2007 dollars, for constructing the recommended actions for each intersection including a 50% contingency for right-of-way acquisition, and other costs.

Intersection	Construction Cost	ROW Cost	Total Cost
1	\$97,800	\$48,900	\$146,700
2	\$336,800	\$168,400	\$505,200
3	\$127,800	\$63,900	\$191,700
4	\$88,200	\$44,100	\$132,300
5	\$2,600	\$1,300	\$3,900
6	\$54,400	\$27,200	\$81,600
7	\$153,800	\$76,900	\$230,700
8	\$74,000	\$37,000	\$111,000
9	\$65,800	\$32,900	\$98,700
10	\$102,400	\$51,200	\$153,600
12	\$113,800	\$56,900	\$170,700
13	\$270,200	\$135,100	\$405,300
14	\$81,600	\$40,800	\$122,400
15	\$121,800	\$60,900	\$182,700
16	\$40,800	\$20,400	\$61,200
17	\$123,200	\$61,600	\$184,800
18	\$80,200	\$40,100	\$120,300
19	\$145,100	\$72,550	\$217,650
20	\$79,600	\$39,800	\$119,400
21	\$210,800	\$105,400	\$316,200
22	\$88,000	\$44,000	\$132,000
23	\$61,800	\$30,900	\$92,700
24	\$31,100	\$15,550	\$46,650
25	\$152,400	\$76,200	\$228,600
26	\$135,000	\$67,500	\$202,500
27	\$55,800	\$27,900	\$83,700
28	\$2,600	\$1,300	\$3,900
29	\$105,200	\$52,600	\$157,800
30	\$29,400	\$14,700	\$44,100
31	\$213,100	\$106,550	\$319,650
32	\$11,200	\$5,600	\$16,800
33	\$26,200	\$13,100	\$39,300
X1	\$26,500	\$13,250	\$39,750
X2	\$28,200	\$14,100	\$42,300
X3	\$3,500	\$1,750	\$5,250
X4	\$1,500	\$750	\$2,250
X5	\$233,500	\$116,750	\$350,250
X6	\$13,500	\$6,750	\$20,250
<b>Total</b>	<b>\$3,589,100</b>	<b>\$1,794,600</b>	<b>\$5,383,800</b>