

Figure A-1: Alignment Segments



SEIS Alternatives' Segments and Costs

I-664 MMBT

Seg.	Description
1	from US 58 (Bowers Hill) to I-264
2	from VA 164 to US 58 (Bowers Hill)
3	I-664 and VA 164 Interchange
4	from I-664 Connector to VA 164
5	from Terminal Avenue Interchange to I-664 Connector
6	Terminal Avenue Interchange
7	from I-64 to and including Terminal Avenue Interchange

I-64 HRBT

Seg.	Description
8	North of HRBT
9	From HRBT to I-564

VA 164

Seg.	Description
13	VA 164 Connector
14	VA 164

I-564/I-664 Connectors (Patriots Crossing)

Seg.	Description
10	I-564 and I-564 Connector
11	I-664 Connector including I-664 interchange
12	I-564 Connector, I-664 Connector, and VA 164 Connector Interchange

Note: The segments included in each of these four project systems are assumed by PFM based on the segments' location.

Alt. A	Seg.	Cost
	8	\$64
	9	\$3,200

Alt. B	Seg.	Cost
	8	\$64
	9	\$3,200
	10	\$2,600
	12	\$229
	13	\$408
	14	\$120
	3	\$123

Alt. C	Seg.	Cost
	7	\$511
	6	\$356
	5	\$3,900
	11	\$1,500
	4	\$424
	3	\$123
	2	\$195
	1	\$54
	13	\$408
	12	\$577
	10	\$4,500

Alt. D	Seg.	Cost
	8	\$64
	9	\$3,200
	7	\$433
	6	\$285
	5	\$2,500
	11	\$1,100
	4	\$424
	3	\$123
	2	\$195
	1	\$54
	14	\$120
	13	\$408
	12	\$514
	10	\$2,600

Data source: Draft Supplemental Environmental Impact Statement by VDOT, August 2016

Costs are in \$2016 dollars (in millions) with 40% contingency; 2.5% inflation rate

Assume segment 12C & 13 are not funded by HRTAC in Alt. C; assume segment 12D, 13 & 14 are not funded by HRTAC in Alt. D

The \$123M Segment 3 cost in Alt. B was later removed by VDOT.