

EXHIBIT S

Track Separation – Phases 3 and 4 and Future Phases

Section 1 – Obstacles where structures will not be modified (locations below are approximate) to achieve greater track separation; but where 20% of initial Estimated Construction Costs is available to explore methods (other than modification to obstacles) to achieve greater separation:

- Van Dorn Street Bridge – Enhanced Val Map – EV-024
- WMATA Flyover Bridge (does not include crash walls or crash protection for bridge piers) - Enhanced Val Map - EV-022 – EV-023
- Eisenhower Connector Bridge - Enhanced Val Map – EV-021 – EV-022
- Eisenhower Avenue Bridge - Enhanced Val Map – EV-021
- Norfolk Southern Bridge - Enhanced Val Map – EV-021
- Interstate 95/64 NB and SB - Enhanced Val Map – EV-225

Section 2 – Other obstacles and locations where modifications will be considered as part of baseline design, as necessary, to allow for a three and four-track railroad corridor (locations below are approximate):

- Occoquan River Third Track – Enhanced Val Map – EV-051
- Powell’s Creek to Neabsco Creek Third Track - Enhanced Val Map – EV-063 – EV-067
- Arkendale to Powell’s Creek – Enhanced Val Map EV-067 – EV-085
- Potomac Creek Third Track North – Enhanced Val Map EV-093 – EV-098
- White Oak Road Bridge – Enhanced Val Map EV-109
- Blue and Grey Parkway / Rappahannock River Third Track – Enhanced Val Map EV-112 – EV-115
- Fredericksburg Interlocking to Crossroads Interlocking – Enhanced Val Map EV-123
- Rodgers Clark Boulevard – Enhanced Val Map EV-152
- Interstate 64 SB and NB – Enhanced Val Map EV-219
- Chamberlayne Avenue (Route 1/ Route 301) – Enhanced Val Map EV-226
- Interstate 64 SB and NB, and Leigh Street – Enhanced Val Map EV-228-229
- Interstate 95 – Enhanced Val Map EV-233
- Chippenham Parkway SB and NB – Enhanced Val Map EV-243
- Route 288 (World War II Memorial Highway) – Enhanced Val Map EV-251
- James River Connection – Enhanced Val Map EV-235 – EV-242, EV-278 – EV-283, Enhanced Val Map EV-254 – EV-255, EV-275 – EV-276

Section 3 – Location(s) where tracks will not be separated to achieve greater track separation:

Downtown Ashland Virginia – Enhanced Val Map EV-195 – EV-199