

**Description of Planning Board Recommended Network**

| TEMP_ID | Project Name  | Improvement Type  | From | To  | Lanes | C L R P | 2050 Base Master Plan | 2050 Planning Board Network | Project Length (Miles) | Estimated Capital Cost (\$M2001) |
|---------|---|---|------|-----|-------|---------|-----------------------|-----------------------------|------------------------|----------------------------------|
|         | <b>I-270 Corridor</b>   |   |      |     |       |         |                       |                             |                        |                                  |
|         | <b>Interchanges</b>   |   |      |     |       |         |                       |                             |                        |                                  |
| 1       | Frederick Rd. (MD 355) at Ridge Rd. (MD 27)                                 | New Interchange   | N/A  | N/A | N/A   |         | X                     | X                           | n/a                    | \$ 66                            |
| 2       | I-270 at Clopper Rd. (MD 117)   | Upgrade Interchange, Include Park-and-Ride Lot                                      | N/A  | N/A | N/A   | X       | X                     | X                           | n/a                    | \$ 9                             |
| 3       | I-270 at Democracy Blvd. and Fernwood Rd.                                   | Upgrade / New Interchange   | N/A  | N/A | N/A   | X       | X                     | X                           | n/a                    | \$ 22                            |
| 4       | I-270 at Newcut Rd. Extended  | New Interchange   | N/A  | N/A | N/A   |         | X                     | X                           | n/a                    | \$ 41                            |
| 7       | I-270 at Rockledge Connector and Old Georgetown Rd. (MD 187)                | Upgrade / New Interchange   | N/A  | N/A | N/A   | X       | X                     | X                           | n/a                    | \$ 29                            |
| 8       | I-270 at Watkins Mill Rd. Extended  | New Interchange   | N/A  | N/A | N/A   | X       | X                     | X                           | n/a                    | \$ 100                           |
| 9       | Key West Ave. at Great Seneca Hwy.  | New Interchange   | N/A  | N/A | N/A   |         | X                     | X                           | n/a                    | \$ 66                            |
| 10      | Ridge Rd. (MD 27) at Observation Dr.  | New Interchange   | N/A  | N/A | N/A   |         | X                     | X                           | n/a                    | \$ 29                            |
| 11      | Rockville Pike (MD 355) at Montrose Rd. and Randolph Rd. and Montrose Pkwy. | New Interchange   | N/A  | N/A | N/A   | X       | X                     | X                           | n/a                    | \$ 85                            |
| 12      | Rockville Pike (MD 355) at Nicholson Lane                                   | New Interchange   | N/A  | N/A | N/A   |         | X                     | X                           | n/a                    | \$ 66                            |
| 13      | Rockville Town Center   | Interchange improvements at MD 355/Middle Ln., MD 355/MD 28, and MD 28/MD 586/MD911 | N/A  | N/A | N/A   |         | X                     | X                           | n/a                    | \$ 200                           |
| 14      | MD 355 at Gude Dr.  | Upgrade/New Interchange   | N/A  | N/A | N/A   |         | X                     | X                           | n/a                    | \$ 66                            |
| 15      | Sam Eig Hwy. at Great Seneca Hwy. (MD 119)                                  | New Interchange   | N/A  | N/A | N/A   |         | X                     | X                           | n/a                    | \$ 66                            |
| 16      | Shady Grove Rd. at Darnestown Rd. and Wooton Pkwy.                          | New Interchange   | N/A  | N/A | N/A   |         | X                     | X                           | n/a                    | \$ 66                            |
| 17      | Rockville Pike at Marinelli Rd.   | Intersection Improvements   | N/A  | N/A | N/A   |         | X                     | X                           | n/a                    | \$ 5                             |
| 18      | Connecticut Ave. at University Blvd. West                                   | Intersection improvements   | N/A  | N/A | N/A   |         |                       | X                           | n/a                    | \$ 5                             |
| 19      | Summit Ave. at Knowles Ave.   | Intersection improvements   | N/A  | N/A | N/A   |         |                       | X                           | n/a                    | \$ 5                             |
| 20      | Connecticut Ave. at Plyers Mill Rd.   | Intersection improvements   | N/A  | N/A | N/A   |         |                       | X                           | n/a                    | \$ 5                             |
| 20.1    | Frederick Rd. (MD 355) at Montgomery Village Ave. (MD 124)                  | New Interchange   | N/A  | N/A | N/A   |         | X                     | X                           | n/a                    | \$ 66                            |

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| <b>Highways</b> |                                     |                      |   |   |                        |         |                       |                             |                        |                                  |
| 21              | Brink Rd. - Wightman Rd.            | Widening             | Ridge Rd.   | Goshen Rd.  | 2/4                    | X       | X                     | X                           | 3.46                   | \$ 43                            |
| 22              | Chapman Ave. Extended               | Extension            | Bou Ave.  | Executive Blvd.                                     | 4                      | X       | X                     | X                           | 1.28                   | \$ 63                            |
| 23              | Clarksburg Rd. (MD 121)             | Widening             | Stringtown Rd.                                      | Newcut Rd. Ext.                                     | 6/4                    |         | X                     | X                           | 1.49                   | \$ 21                            |
| 24              | Clopper Rd. (MD 117)                | Widening             | Richter Farm Road                                   | Quince Orchard Rd. (MD 124)                         | 6 (4 thru Seneca Park) |         |                       | X                           | 4.58                   | \$ 145                           |
| 25              | Darnestown Rd. (MD 28)              | Widening             | Riffle Ford Rd.                                     | Key West Ave.                                       | 4                      |         | X                     | X                           | 3.36                   | \$ 40                            |
| 27              | Father Hurley Blvd.                 | Widening / Extension | Crystal Rock Dr.                                    | Germantown Rd. (MD 118)                             | 6                      | X       | X                     | X                           | 1.5                    | \$ 5                             |
| 27.1            | Georgia Avenue                      | Widening             | MD 28   | MD 108  | 6                      |         | X                     | X                           | 3.2                    | \$ 59                            |
| 28              | Germantown Rd. (MD 118)             | Widening / Extension | I-270   | Existing Watkins Mill Rd.                           | 6                      | X       | X                     | X                           | 1.85                   | \$ 6                             |
| 29              | Germantown Rd. (MD 118)             | Widening             | Clopper Rd.   | Seneca Creek  | 6                      |         | X                     | X                           | 2.52                   | \$ 78                            |
| 31              | Goshen Rd. & Goshen Rd. Extended    | Widening & New Road  | Odenhal Ave.  | Brink Rd  | 6/2                    | X       | X                     | X                           | 2.99                   | \$ 36                            |
| 32              | Great Seneca Hwy. (MD 119)          | Widening             | Darnestown Rd.                                      | Middlebrook Rd.                                     | 6                      | X       | X                     | X                           | 7.92                   | \$ 18                            |
| 33              | Gude Dr.                            | Extension            | Shady Grove Rd.                                     | Key West Ave.                                       | 4                      |         | X                     | X                           | 0.61                   | \$ 10                            |
| 34              | Hyattstown Bypass (MD 109 Extended) | New Road - Bypass    | Existing Frederick Rd. (MD 355) North of Hyattstown | Existing Frederick Rd. (MD 355) South of Hyattstown | 2                      |         | X                     | X                           | 0.51                   | \$ 5                             |

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| 35      | I-270                              | Widening                                     | Mont. Village Ave. (MD 124) / Quince Orchard Rd. (MD 124) | Clarksburg Rd. (MD 121) | 6 + 2 HOV   |         | X                     | X                            | 6.92                       | \$ 420                           |
| 36      | I-270                              | Widening                                     | Clarksburg Rd. (MD 121)                                   | I-70                    | 4+2 HOV     |         | X                     | X                            | 14.7                       | \$ 735                           |
| 38.1    | Coherent HOV network - I-270 Spurs | Widening (add 1 lane each way on both spurs) | N/A   | N/A                     | 8 (6+2 HOV) |         |                       | <b>Futher Study Required</b> | 4.14                       | \$ 251                           |
| 39      | Longdraft Rd.                      | Widening                                     | Quince Orchard Rd. (MD 124)                               | Clopper Rd. (MD 117)    | 4           |         | X                     | X                            | 1.62                       | \$ 20                            |
| 41      | Midcounty Hwy. (A-305)             | New Road                                     | Stringtown Rd.  | Frederick Rd. (MD 355)  | 2           |         | X                     | X                            | 1.34                       | \$ 14                            |
| 43      | Middlebrook Rd.                    | Widening                                     | Germantown Rd. (MD 118)                                   | Midcounty Hwy.          | 6           | X       | X                     | X                            | 1.15                       | \$ 12                            |
| 44      | Montrose Pkwy. (Western section)   | New Road                                     | Montrose Rd.  | MD 355                  | 4           | X       | X                     | X                            | 3.14 (desc. entire length) | \$ 70                            |
| 44.1    | Montrose Pkwy. (Eastern section)   | New Road                                     | MD 355  | Veirs Mill Rd. (MD 586) | 4           | X       | X                     | X                            | 3.14 (desc. entire length) | \$ 60                            |
| 45      | Muddy Branch Rd.                   | Widening                                     | West Diamond Ave.   | Darnestown Rd. (MD 28)  | 6           |         | X                     | X                            | 2.84                       | \$ 60                            |
| 46      | Nebel St.                          | New Road                                     | Randolph Rd.  | Chapman Ave.            | 4           | X       | X                     | X                            | 0.44                       | \$ 10                            |
| 47      | Newcut Rd. / Extension             | New Road / Widening                          | Clarksburg Rd. (MD 121)                                   | Ridge Rd. (MD 27)       | 4           |         | X                     | X                            | 3.93                       | \$ 63                            |
| 48      | Olney - Laytonville Rd. (MD 108)   | Widening                                     | Laytonville Town Line                                     | Olney Mill Rd.          | 4           |         | X                     | X                            | 3.96                       | \$ 55                            |

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| 50.1           | Ridge Rd. (MD 27)                                | Widening               | Frederick Rd. (MD 355)                  | Midcounty Hwy. (M-83)       | 6     |         | X                     | X                           | 0.98                   | \$ 18                            |
| 50.2           | Ridge Rd. (MD 27)                                | Widening               | Midcounty Hwy. (M-83)                   | Skylark Rd.                 | 4     |         | X                     | X                           | 1.18                   | \$ 15                            |
| 53             | Shady Grove Rd.                                  | Widening               | Briardale Rd.                           | Muncaster Mill Rd. (MD 115) | 6     | X       | X                     | X                           | 1.22                   | \$ 5                             |
| 54             | Snouffer School Rd.                              | Widening               | Goshen Rd.                              | Woodfield Rd. (MD 124)      | 4     | X       | X                     | X                           | 2.6                    | \$ 22                            |
| 55             | Stringtown Rd.                                   | Widening               | I-270                                   | Midcounty Hwy.              | 4     | X       | X                     | X                           | 1.41                   | \$ 20                            |
| 58             | Veirs Mill Rd. (MD 586)                          | Widening               | Twinbrook Pkwy.                         | Randolph Rd.                | 6     |         | X                     | X                           | 1.98                   | \$ 42                            |
| 59             | Watkins Mill Rd. Extended                        | New Road               | Frederick Rd. (MD 355)                  | Clopper Rd. (MD 117)        | 4     | X       | X                     | X                           | 0.79                   | \$ 34                            |
| 60             | Woodfield Rd. (MD 124) and Woodfield Rd Extended | Widening               | Midcounty Hwy.                          | Ridge Rd. (MD 27)           | 6/5/2 | X       | X                     | X                           | 11.79                  | \$ 170                           |
| <b>Transit</b> |  |                        |   |                             |       |         |                       |                             |                        |                                  |
| 61             | Clarksburg                                       | New Transit Center     | N/A                                     | N/A                         | N/A   | X       | X                     | X                           | n/a                    | \$ 3                             |
| 62.1           | Corridor Cities Transitway                       | Light Rail             | Shady Grove Metro                       | Clarks- burg                | N/A   |         | X                     | X                           | 13.7                   | \$ 700                           |
| 64             | Germantown                                       | New Transit Center     | N/A                                     | N/A                         | N/A   | X       | X                     | X                           | n/a                    | \$ 2                             |
| 65             | Germantown                                       | New Park-and-Ride Lots | N/A                                     | N/A                         | N/A   |         | X                     | X                           | n/a                    | \$ 4                             |
| 67             | MARC North Bethesda                              | New MARC Station       | Between Bou Ave. and Montrose Pkwy. ROW | N/A                         | N/A   | X       | X                     | X                           | n/a                    | \$ 3                             |

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| 68                                       | MCPS Metro Station                    | New Metro Station                           | Between Rockville and Shady Grove Metro Stations | N/A                            | N/A          |         |                       | X                            | n/a                    | \$ 40                            |
| 71                                       | North Bethesda Express Bus            | Express Bus                                 | Montgomery Mall                                  | Grosvenor via Rock Spring Park | N/A          |         |                       | X                            | n/a                    | \$ 5                             |
| 72                                       | Shady Grove West                      | New Park-and-Ride and bus transfer facility | N/A  | N/A                            | N/A          | X       | X                     | X                            | n/a                    | \$ 4                             |
| <b>INSIDE THE BELTWAY</b>                |                                       |   |  |                                |              |         |                       |                              |                        |                                  |
| <b>Interchanges</b>                      |                                       |   |  |                                |              |         |                       |                              |                        |                                  |
| 73                                       | Rockville Pike (MD 355) at Cedar Lane | New Interchange                             | N/A  | N/A                            | N/A          |         |                       | X                            | n/a                    | \$ 66                            |
| <b>Highways</b>                          |                                       |   |  |                                |              |         |                       |                              |                        |                                  |
| 74                                       | Capital Beltway (I-495)               | Widening (add 1 HOV lane each way)          | American Legion Bridge                           | I-95                           | 10 (8+2 HOV) |         |                       | <i>Futher Study Required</i> | 14.4                   | \$ 578                           |
| 75                                       | River Road (MD 190)                   | Widening                                    | Capital Beltway (I-495)                          | D.C. Line                      | 6            |         | X                     | X                            | 4.36                   | \$ 81                            |
| <b>Transit</b>                           |                                       |   |  |                                |              |         |                       |                              |                        |                                  |
| 76                                       | Georgetown Branch                     | New Trolley/Trail Connection                | Bethesda   | Silver Spring                  | N/A          | X       | X                     |                              | 4.4                    | \$ 256                           |
| 78.2                                     | Inner Purple Line (see FDA #101)      | Light Rail                                  | Bethesda   | New Carrollton                 | N/A          |         |                       | X                            | 14.4                   | \$ 1,224                         |
|  | Silver Spring                         | New Transit Center                          |  |                                |              | X       | X                     | X                            |                        | \$ 8                             |
|  | Takoma/ Langley                       | New Transit Center                          |  |                                |              | X       | X                     | X                            |                        | \$ 3                             |
| <b>GEORGIA AVENUE AND EASTERN COUNTY</b> |                                       |   |  |                                |              |         |                       |                              |                        |                                  |
| <b>Interchanges</b>                      |                                       |   |  |                                |              |         |                       |                              |                        |                                  |
| 79                                       | Georgia Ave. (MD 97) at Norbeck Rd.   | New Interchange                             | N/A  | N/A                            | N/A          | X       |                       | X                            | n/a                    | \$ 48                            |
| 80                                       | Georgia Ave. (MD 97) at Randolph Rd.  | New Interchange                             | N/A  | N/A                            | N/A          | X       | X                     | X                            | n/a                    | \$ 46                            |

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| 81              | Randolph Rd. at Connecticut Ave. (MD 185)                           | New Interchange   | N/A                       | N/A            | N/A                     |         |                       | X                            | n/a                    | \$ 29                            |
| 82              | Randolph Rd. at New Hampshire Ave. (MD 650)                         | New Interchange   | N/A                       | N/A            | N/A                     |         |                       | X                            | n/a                    | \$ 66                            |
| 83              | Randolph Rd at Veirs Mill Rd. (MD 586)                              | New Interchange   | N/A                       | N/A            | N/A                     |         |                       | X                            | n/a                    | \$ 29                            |
| 84              | US 29 at 4 intersections (funded)<br>(Fairland not funded for CLRP) | New Interchanges  | N/A                       | N/A            | N/A                     | X       | X                     | X                            | n/a                    | \$ 282                           |
| 85              | US 29 at 4 intersections (not funded)                               | New Interchanges  | N/A                       | N/A            | N/A                     |         | X                     | X                            | n/a                    | \$ 170                           |
| <b>Highways</b> |   |   |                           |                |                         |         |                       |                              |                        |                                  |
| 86              | Briggs Chaney Rd.   | Widening  | Automobile / Castle Blvd. | PG County Line | 4                       | X       | X                     | X                            | 1.24                   | \$ 15                            |
| 87              | Brookeville Bypass  | New Road - Bypass   | North of Brookeville      | Ave. South of  | 2                       |         | X                     | X                            | 1.02                   | \$ 33                            |
| 88.1            | Fairland Rd.  | Widening  | Paint Branch              | US 29          | 4                       |         |                       | X                            | 1.34                   | \$ 3                             |
| 89              | Greencastle Rd.   | Widening  | US 29                     | PG County Line | 4                       |         | X                     | X                            | 1.57                   | \$ 20                            |
| 90              | ICC (MP alignment - Including Eastern Connector)                    | New Road  | I-370                     | US 1           | 6 lanes<br>4 + 2<br>HOV |         |                       | <i>Futher Study Required</i> | 16.39                  | \$1,434                          |
| 90.2            | Western Connector (option 1)  | New Road with at-grade intersections in ICC ROW   | I-370                     | MD 28          | 4                       |         |                       | <i>Futher Study Required</i> | 6.51                   | \$ 98                            |
| 90.3            | Western Connector (option 2)  | Midcounty Highway from Shady Grove Road to ICC Alignment <i>plus</i> new road within ICC alignment from end of Midcounty Highway to MD 28 with at-grade intersections | Shady Grove Rd.           | MD 28          | 4                       |         |                       | <i>Futher Study Required</i> | 6.1                    | \$ 86                            |

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| 91             | ICC - Eastern Connector                           | New Road  | US 29          | US 1                                      | 6     |         |                       | X  | 1.32                   | \$ 116                           |
| 94             | Norbeck Rd. (MD 28) and Spencerville Rd. (MD 198) | Widening  | Georgia Ave.   | US 29                                     | 4     |         | X                     | X  | 8.16                   | \$ 113                           |
| 95             | Layhill Rd. (MD 182)                              | Widening  | Park Vista Dr. | Norwood Rd.                               | 4     |         | X                     | X  | 1.88                   | \$ 24                            |
| 99             | A-287 (FDA Access)                                | New Road  | FDA            | Powder Mill Rd.                           | 4     |         | X                     | X  | 1.68                   | \$ 28                            |
| <b>Transit</b> |   |   |                |   |       |         |                       |  |                        |                                  |
| 100            | Augmented Bus Network                             | New bus network using timed transfers                       | Countywide     | N/A                                       | N/A   |         |                       | X  | n/a                    | \$ 41                            |
| 100.1          | Bus Improvements                                  | Standard Bus Improvements (separate from Augmented Network) | Countywide     | N/A                                       | N/A   | X       | X                     | X  | n/a                    | \$ 59                            |
| 101            | FDA / West Farm                                   | Light Rail  | Langley Park   | White Oak via New Hampshire Ave. (MD 650) | N/A   |         |                       | X  | 3.88                   | \$ 198                           |
| 102            | Georgia Avenue (MD 97)                            | Busway  | Glenmont Metro | Olney                                     | N/A   |         | X                     | X  | 9                      | \$ 69                            |
| 105            | Frederick Rd (MD 355)                             |   | Brink Rd       | Midcounty Hwy (A-305)                     | 4     |         | X                     | X  | 2.85                   | \$ 40                            |
|                |   |   |                |   |       |         |                       | Total Estimated Capital Cost not including projects under further study(\$Millions 2001) |                        | \$ 6,942                         |