

APPENDIX L
Summary of New Impervious Cover Associated with the ICC by Corridor and Subwatershed in Acres

Summary of New Impervious Cover Associated with the ICC by Corridor and Subwatershed in Acres – Muddy Branch Watershed, Rock Creek Watershed, and North Branch Rock Creek Watershed

Alignment Section	Muddy Branch Watershed	Rock Creek Watershed						North Branch Rock Creek Watershed			
	Subwatershed										
	Upper Muddy Branch	Crabbs Branch	Mill Creek	Lake Needwood	Rock Creek	South Mill Creek	Total – Rock Creek	Brook Manor	Lower North Branch B	Manor Run	Total – North Branch Rock Creek
	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)
No-Action Alternative	0	0	0	0	0	0	0	0	0	0	0
Corridor 1 and 2 West of MD 97 Mainline Segments	0.1	3.2	26.5	2.9	-	-	32.6	24.9	12.5	2.5	39.9
Corridor 1 and 2 Rock Creek Options (select one)											
Rock Creek A	-	-	1.0	10.4	2.9	12.3	26.6	-	-	-	-
Rock Creek C- Olde Mill Run Grade Separation	-	-	1.4	5.8	13.1	11.5	31.8	-	-	-	-
Rock Creek C- Olde Mill Run Cul-de-Sac	-	-	1.4	5.8	13.1	11.0	31.3	-	-	-	-
Corridor 1 Mainline Segments (MD 97 to I-95)	-	-	-	-	-	-	-	-	-	-	-
Corridor 1 Northwest Branch Options (select one)											
With Northwest Branch A-with Interchange at Layhill Road	-	-	-	-	-	-	-	-	-	-	-
With Northwest Branch A-without Interchange at Layhill Road	-	-	-	-	-	-	-	-	-	-	-
With Northwest Branch B-with Interchange at Layhill Road	-	-	-	-	-	-	-	-	-	-	-
With Northwest Branch B-without Interchange at Layhill Road	-	-	-	-	-	-	-	-	-	-	-
Corridor 1 I-95 Interchange Options (select one)											
I-95 Interchange Option A (terminate ICC at US 1)	-	-	-	-	-	-	-	-	-	-	-
I-95 Interchange Option B (terminate ICC at I-95)	-	-	-	-	-	-	-	-	-	-	-
Corridor 2 Mainline Segments (MD 97 to I-95) (select one)											
Corridor 2- with Interchange at Layhill Road	-	-	-	-	-	-	-	-	-	-	-
Corridor 2- without Interchange at Layhill Road	-	-	-	-	-	-	-	-	-	-	-

Summary of New Impervious Cover Associated with the ICC by Corridor and Subwatershed in Acres – Northwest Branch Watershed

Alignment Section	Northwest Branch Watershed								
	Subwatershed								
	Batchellors Forest Tributary East	Batchellors Forest Tributary	Bryants Nursery Tributary	Upper Mainstem	Bel Pre Creek	Longmeade Tributary	Middle Mainstem Glenmont	Rolling Stone Tributary	Total – Northwest Branch
(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)
Corridor 2 I-95 Interchange Options (select one)									
I-95 Interchange Option A (terminate ICC at US 1)	-	-	-	-	-	-	-	-	-
I-95 Interchange Option B (terminate ICC at I-95)	-	-	-	-	-	-	-	-	-
Corridor 1 Range of Impacts for each Watershed	-	22.1	-	-	3.9	17.0-20.1	31.4-37.4	10.5-11.1	84.9-94.6
Corridor 2 Range of Impacts for Each Watershed	5.9-11.7	43.0-43.4	21.8-22.6	2.5	-	-	-	-	73.2-80.2

Note: Total impacts for corridors are calculated for **Corridor 1** by selecting the *Corridor1 Common Segments* and adding one *Rock Creek Option* and one *Northwest Option*; or for **Corridor 2** by selecting the *Corridor2 Common Segments* and adding one *Rock Creek Option* and adding the desired *Norbeck, Spencerville, Fairland and Burtonsville Option Combination*.

Summary of New Impervious Cover Associated with the ICC by Corridor and Subwatershed in Acres – Paint Branch Watershed

Alignment Section	Paint Branch Watershed								
	Subwatershed								
	Lower Left Fork	Right Fork	Upper Left Fork	Gum Springs Tributary	Lower Gum Springs Tributary	Lower Good Hope Tributary	Hollywood Branch	Upper Mainstem	Total – Paint Branch
(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)	(ac.)
No-Action Alternative	0	0	0	0	0	0	0	0	0
Corridor 1 and 2 West of MD 97 Mainline Segments	-	-	-	-	-	-	-	-	-
Corridor 1 and 2 Rock Creek Options (select one)									
Rock Creek A	-	-	-	-	-	-	-	-	-
Rock Creek C- Olde Mill Run Grade Separation	-	-	-	-	-	-	-	-	-
Rock Creek C- Olde Mill Run Cul-de-Sac	-	-	-	-	-	-	-	-	-
Corridor 1 Mainline Segments (MD 97 to I-95)	-	-	-	3.2	3.0	18.5	1.7	12.8	39.2
Corridor 1 Northwest Branch Options (select one)									
With Northwest Branch A-with Interchange at Layhill Road	-	-	-	-	-	-	-	-	-