

# Fact Sheets

Projects CU9301 through CU9339

# Cub Run Watershed Buffer Restoration Projects

Projects CU9301 through CU9339.

Project ID:	CU9301
Project Type:	Buffer Restoration
Location:	FCPA parkland in Cub Run Stream Valley Park downstream from Big Rocky Run Tax Map – 64-2, 65-1 Subdivision – Center Ridge and near Gate Post Estates
Description:	Impacted by power line mowing and clearing and Route 66 embankment.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Buffer Restoration	820	Feet	\$12.50	\$10,250
Base Construction Cost				\$10,250
Mobilization (5%)				\$513
Subtotal 1				\$10,763
Contingency (25%)				\$2,691
Subtotal 2				\$13,453
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$6,054
Total				\$19,507
<b>Estimated Project Cost</b>				<b>\$20,000</b>

\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9302
Project Type:	Buffer Restoration
Location:	Tributary of Lower Cub Run. Located partially in FCPA parkland upstream from I-66 and regional pond C04 between Store House Court and Outpost Court Tax Map – 65-1 Subdivision – Center Ridge
Description:	Impacted by mowed areas, lawns and past clearing/construction.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Buffer Restoration	380	Feet	\$12.50	\$4,750
Base Construction Cost				\$4,750
Mobilization (5%)				\$238
Subtotal 1				\$4,988
Contingency (25%)				\$1,247
Subtotal 2				\$6,234
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$2,805
Total				\$9,040
<b>Estimated Project Cost</b>				<b>\$10,000</b>

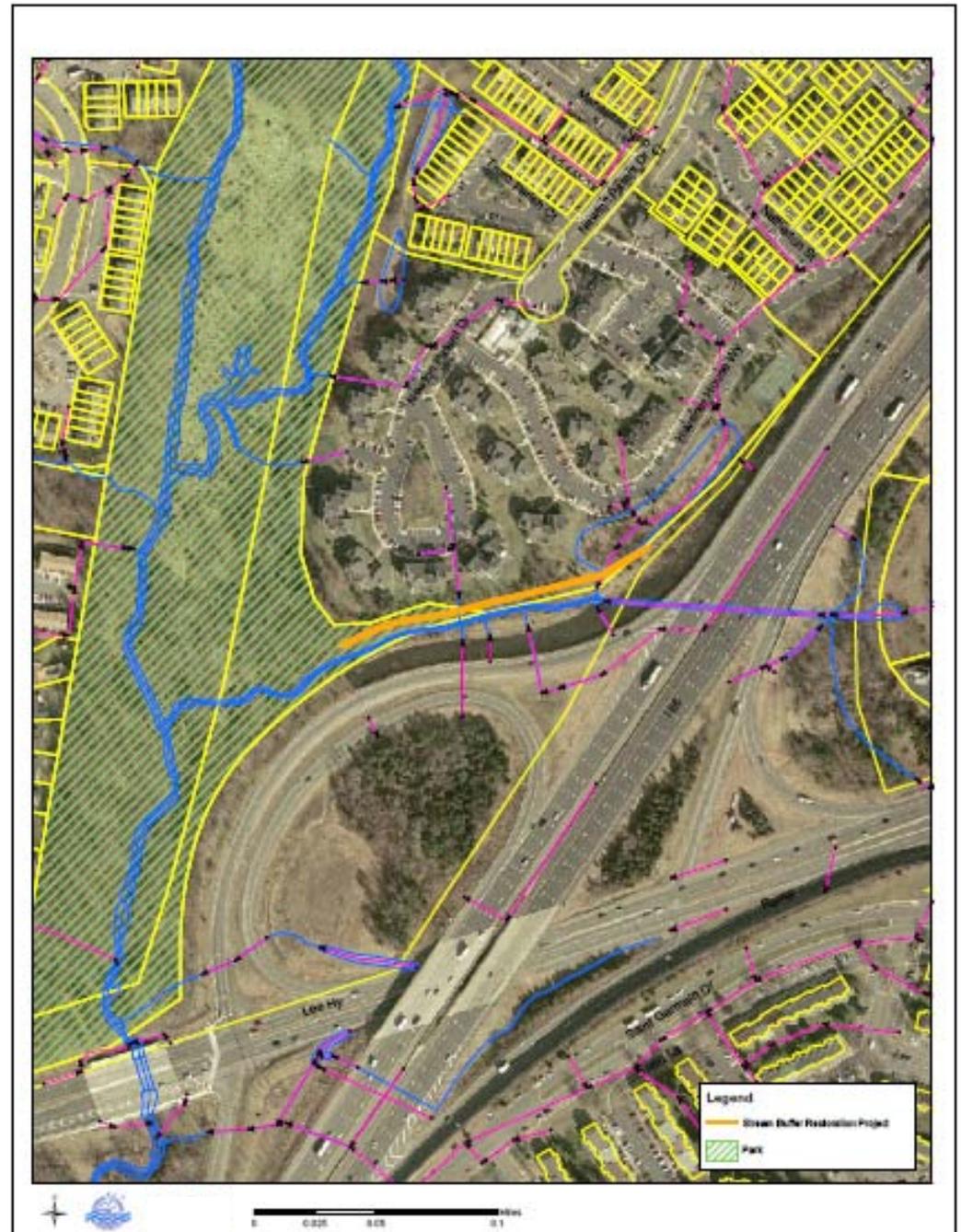
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9303
Project Type:	Buffer Restoration
Location:	Tributary to Big Rocky Run in FCPA Parkland and VDOT ROW I-66 / Route 29 Interchange, Newgate Patent Court and Havener House Way Tax Map – 54-3 Subdivision – Newgate
Description:	Impacted by mowed areas and road embankment

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Buffer Restoration	710	Feet	\$12.50	\$8,875
Base Construction Cost				\$8,875
Mobilization (5%)				\$444
Subtotal 1				\$9,319
Contingency (25%)				\$2,330
Subtotal 2				\$11,648
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$5,242
Total				\$16,890
<b>Estimated Project Cost</b>				<b>\$17,000</b>

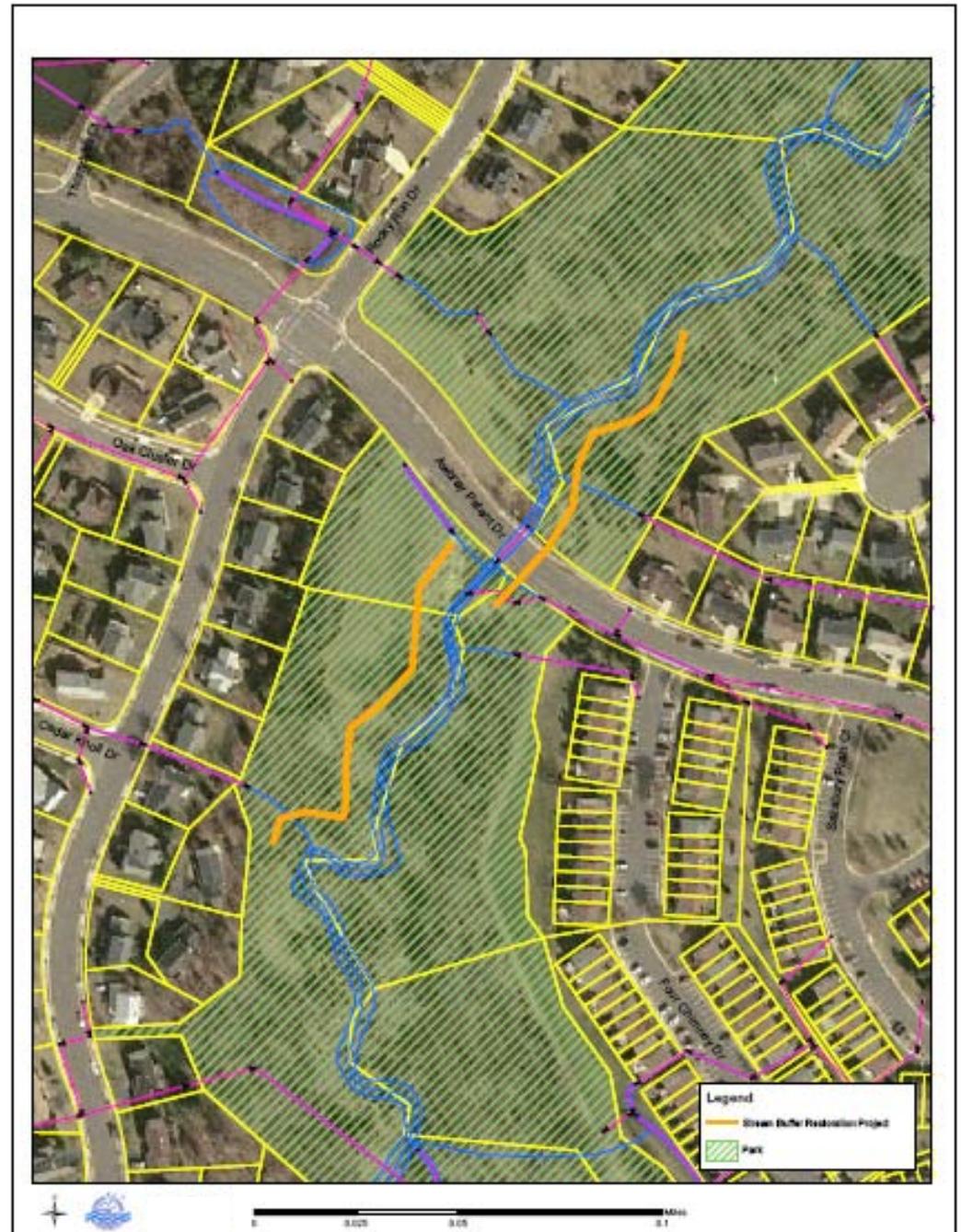
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9304
Project Type:	Buffer Restoration
Location:	F CPA Parkland in Big Rocky Run Stream Valley Park upstream and downstream from Awbrey Patent Drive Tax Map – 54-1 Subdivision – Newgate and Rocky Run
Description:	Impacted by mowed and cleared areas.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Buffer Restoration	980	Feet	\$12.50	\$12,250
Base Construction Cost				\$12,250
Mobilization (5%)				\$613
Subtotal 1				\$12,863
Contingency (25%)				\$3,216
Subtotal 2				\$16,078
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$7,235
Total				\$23,313
<b>Estimated Project Cost</b>				<b>\$24,000</b>

\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9305
Project Type:	Buffer Restoration
Location:	FCPA Parkland in Big Rocky Run Stream Valley Park downstream from Braddock Road Tax Map – 54-1 Subdivision – Newgate and Rocky Run
Description:	Impacted by mowed and cleared areas.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Buffer Restoration	700	Feet	\$12.50	\$8,750
Base Construction Cost				\$8,750
Mobilization (5%)				\$438
Subtotal 1				\$9,188
Contingency (25%)				\$2,297
Subtotal 2				\$11,484
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$5,168
Total				\$16,652
<b>Estimated Project Cost</b>				<b>\$17,000</b>

\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9306
Project Type:	Buffer Restoration
Location:	Tributary to Big Rocky Run in private property upstream from Braddock Road and crossing Cedar Break Drive Tax Map – 54-1 Subdivision – Sequoia Farms
Description:	Impacted by lawns, mowed areas and clearing.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Buffer Restoration	3,820	Feet	\$12.50	\$47,750
Base Construction Cost				\$47,750
Mobilization (5%)				\$2,388
Subtotal 1				\$50,138
Contingency (25%)				\$12,534
Subtotal 2				\$62,672
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$28,202
Total				\$90,874
<b>Estimated Project Cost</b>				<b>\$91,000</b>

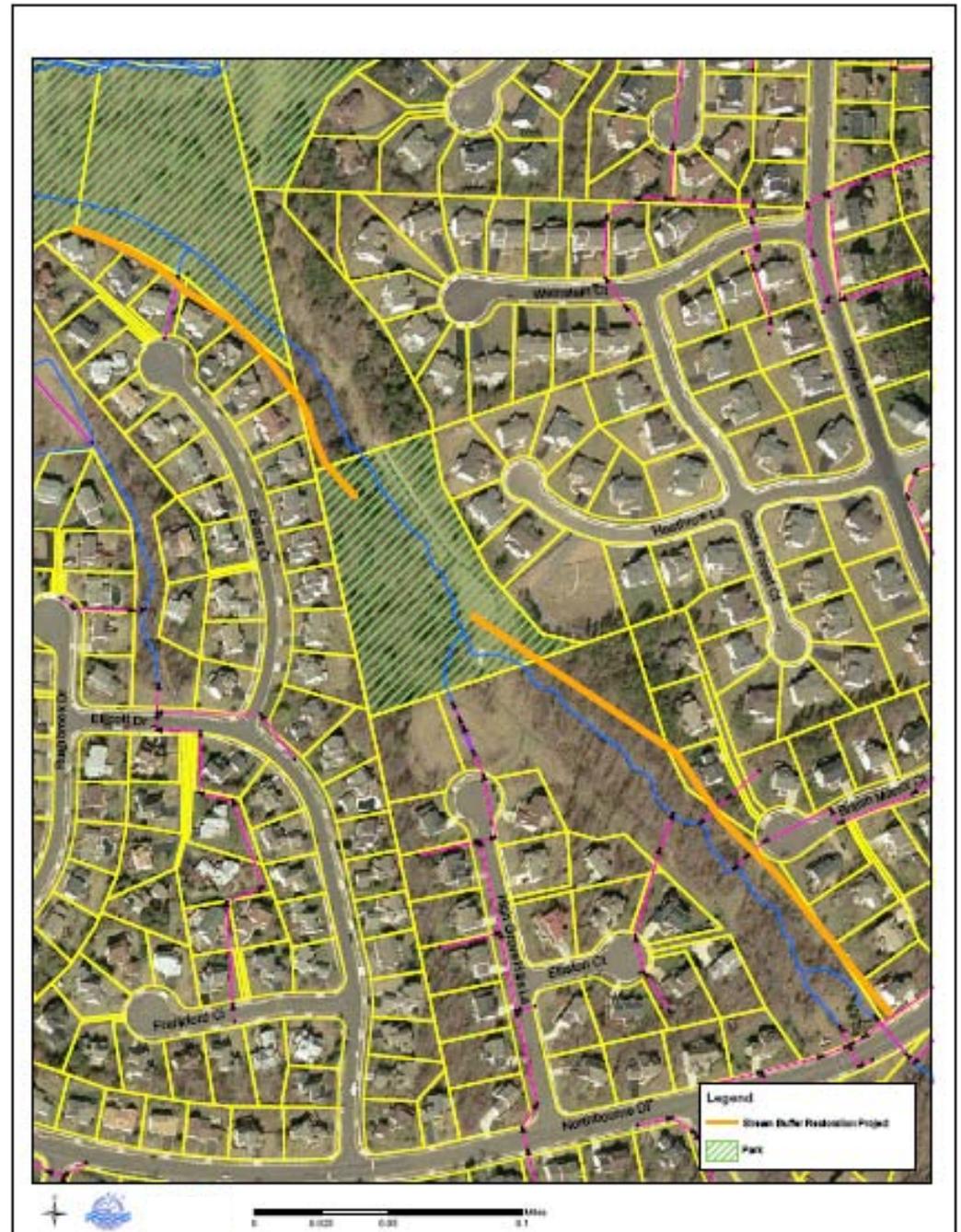
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9307
Project Type:	Buffer Restoration
Location:	<p>Unnamed tributary to Big Rocky Run partially in FCPA Parkland off Ellicott Court and downstream from Northbourne Drive</p> <p>Tax Map – 54-2</p> <p>Subdivision – Cabell’s Mill, Fair Lakes Chase II, Hawthorne Forest, Hidden Creek at Fair Lakes</p>
Description:	Impacted by mowed areas, clearing and lawns.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Buffer Restoration	1,950	Feet	\$12.50	\$24,375
Base Construction Cost				\$24,375
Mobilization (5%)				\$1,219
Subtotal 1				\$25,594
Contingency (25%)				\$6,398
Subtotal 2				\$31,992
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$14,396
Total				\$46,389
<b>Estimated Project Cost</b>				<b>\$47,000</b>

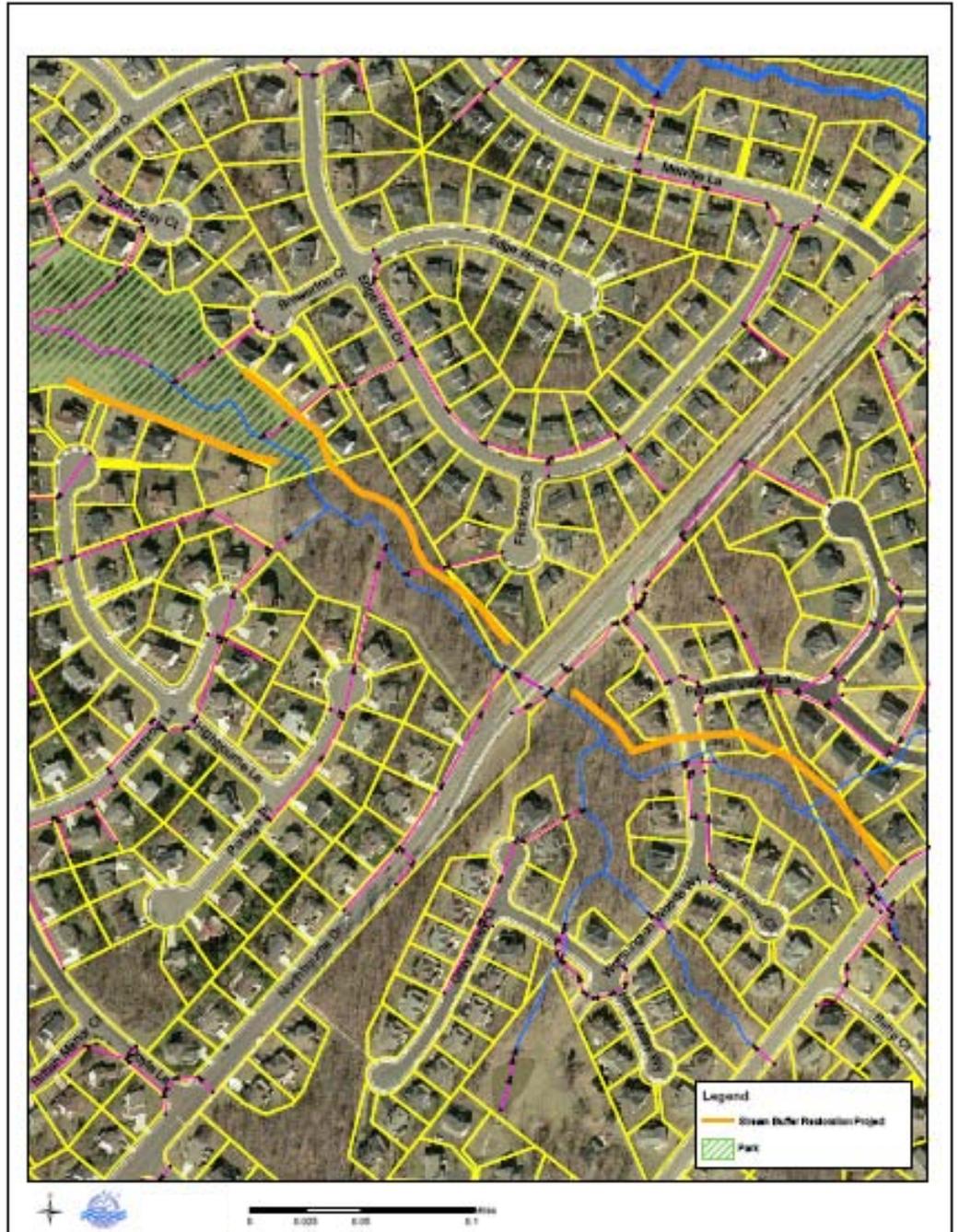
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9308
Project Type:	Buffer Restoration
Location:	Partially in FCPA Parkland downstream from Northbourne Drive – upstream from region pond C30 Tax Map – 54-2, 55-1 Subdivision – Big Rocky Forest, Devereaux Estates, Fair Lakes Chase, Hawthorne Forest, Poplar Tree Estates
Description:	Tributary to Big Rocky Run, Impacted by mowed areas and lawns.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Buffer Restoration	2,420	Feet	\$12.50	\$30,250
Base Construction Cost				\$30,250
Mobilization (5%)				\$1,513
Subtotal 1				\$31,763
Contingency (25%)				\$7,941
Subtotal 2				\$39,703
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$17,866
Total				\$57,570
<b>Estimated Project Cost</b>				<b>\$58,000</b>

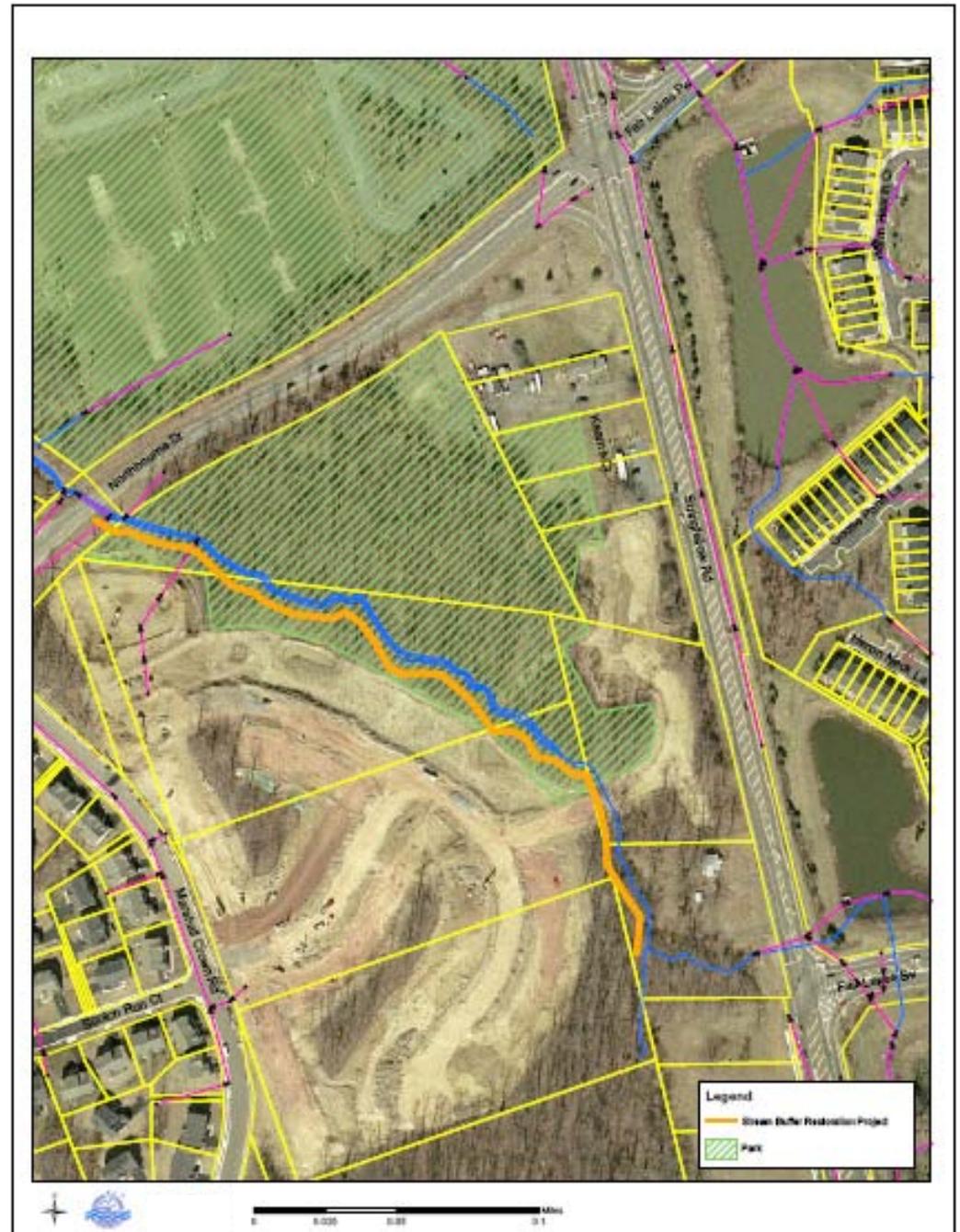
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9309
Project Type:	Buffer Restoration
Location:	Unnamed tributary to Big Rocky Run in FCPA Parkland between Northbourne Drive and Stringfellow Road Tax Map - 55-1 Subdivision – Fair Lakes Crossing, Poplar Tree Estates
Description:	Impacted by mowed areas and new construction.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Buffer Restoration	1,460	Feet	\$12.50	\$18,250
Base Construction Cost				\$18,250
Mobilization (5%)				\$913
Subtotal 1				\$19,163
Contingency (25%)				\$4,791
Subtotal 2				\$23,953
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$10,779
Total				\$34,732
<b>Estimated Project Cost</b>				<b>\$35,000</b>

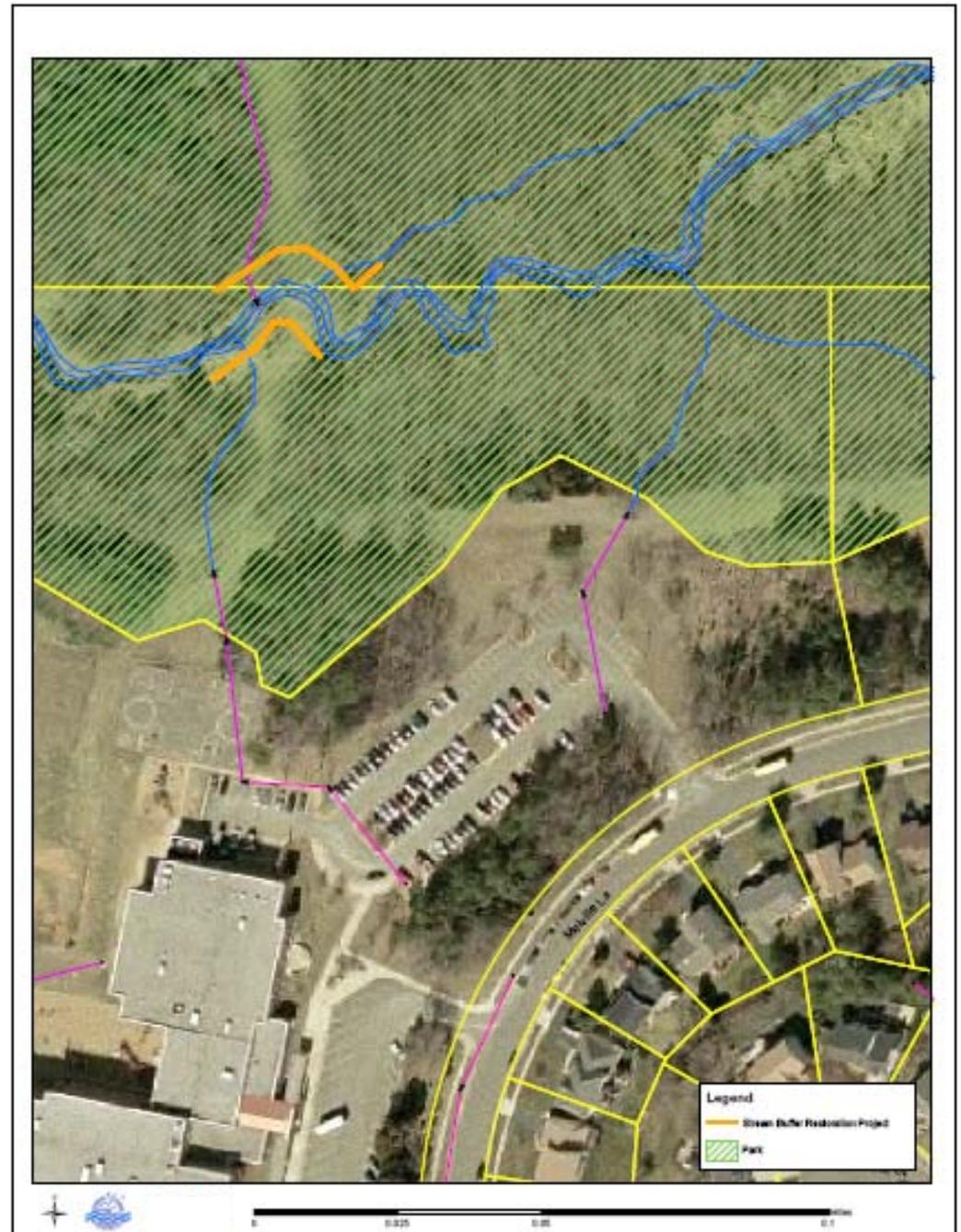
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9310
Project Type:	Buffer Restoration
Location:	FCPA parkland in Rocky Run Stream Valley Park downstream from Stringfellow Road Tax Map – 45-3 Subdivision – Poplar Tree Estates
Description:	Impacted by utility right of way clearing and mowing

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Buffer Restoration	330	Feet	\$12.50	\$4,125
Base Construction Cost				\$4,125
Mobilization (5%)				\$206
Subtotal 1				\$4,331
Contingency (25%)				\$1,083
Subtotal 2				\$5,414
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$2,436
Total				\$7,850
<b>Estimated Project Cost</b>				<b>\$8,000</b>

\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9311
Project Type:	Buffer Restoration
Location:	Unnamed tributary to Big Rocky Run in FCPA parkland in Rocky Run Stream Valley Park Downstream from Point Pleasant Drive Tax Map 45-3 Subdivision – Poplar Tree Estates
Description:	Impacted by lawns and clearing.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Buffer Restoration	270	Feet	\$12.50	\$3,375
Base Construction Cost				\$3,375
Mobilization (5%)				\$169
Subtotal 1				\$3,544
Contingency (25%)				\$886
Subtotal 2				\$4,430
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$1,993
Total				\$6,423
<b>Estimated Project Cost</b>				<b>\$7,000</b>

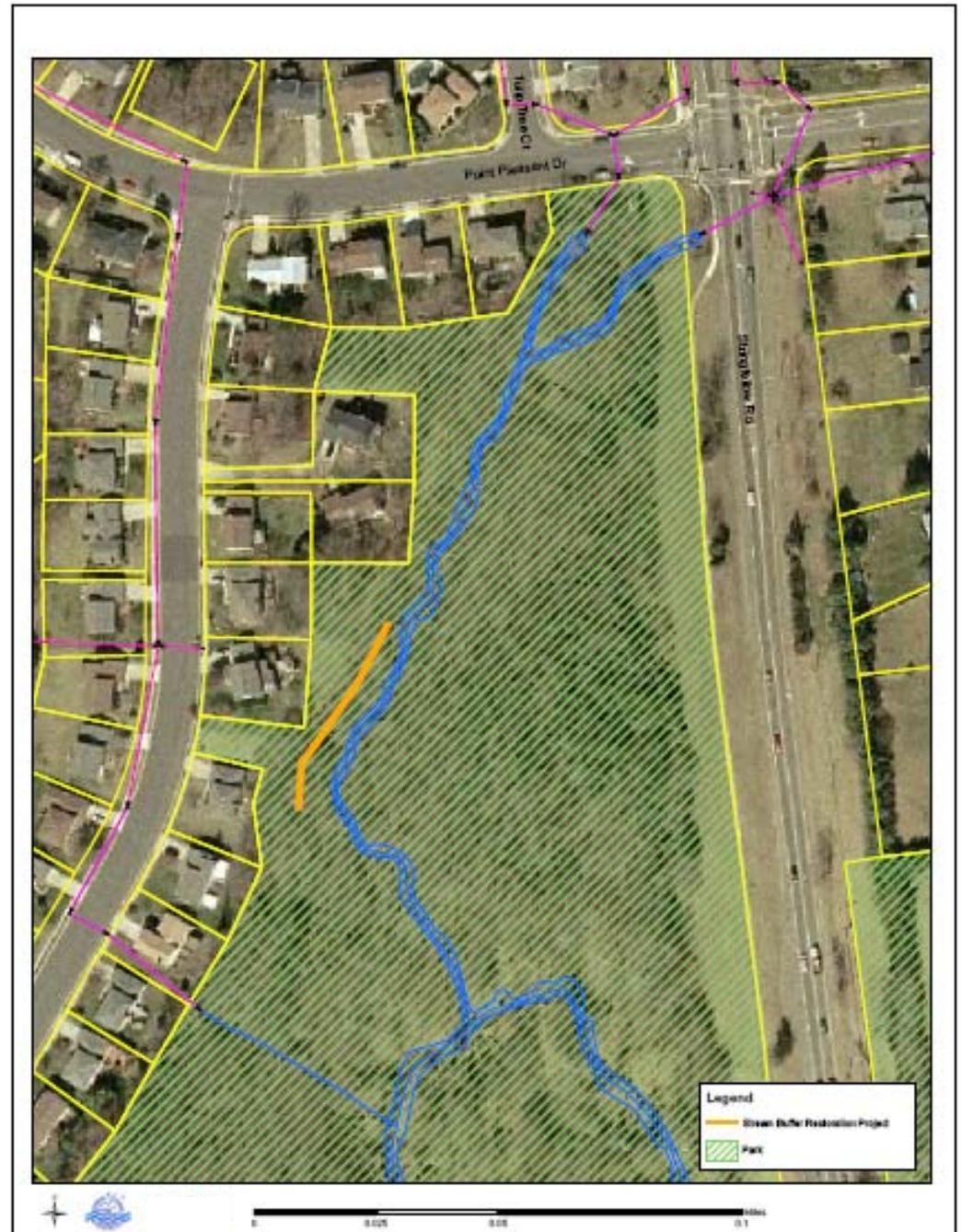
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9312
Project Type:	Buffer Restoration
Location:	Unnamed tributary in FCPA parkland in Ellanor C. Lawrence Park downstream from Stringfellow Road and Point Pleasant Road Tax Map – 45-3 Subdivision – Poplar Tree Estates
Description:	Impacted by lawns and clearing

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Buffer Restoration	230	Feet	\$12.50	\$2,875
Base Construction Cost				\$2,875
Mobilization (5%)				\$144
Subtotal 1				\$3,019
Contingency (25%)				\$755
Subtotal 2				\$3,773
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$1,698
Total				\$5,471
<b>Estimated Project Cost</b>				<b>\$6,000</b>

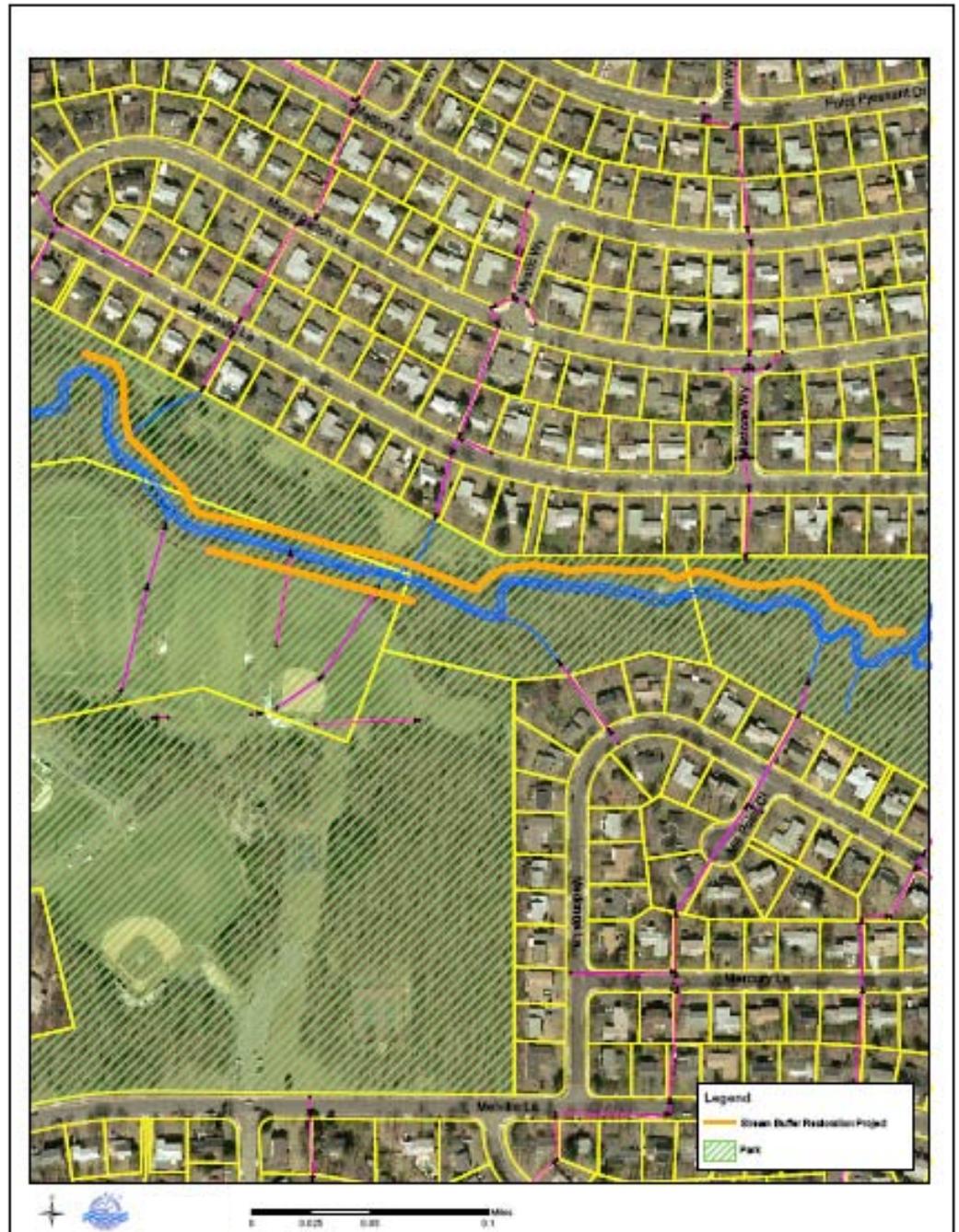
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9313
Project Type:	Buffer Restoration
Location:	Big Rocky Run in FCPA Parkland in Rocky Run Stream Valley Park and Greenbriar Park upstream from Stringfellow Road near Greenbriar Tax Map – 45-3 Subdivision – Near Greenbriar
Description:	Impacted by lawns and trail

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Buffer Restoration	2,630	Feet	\$12.50	\$32,875
Base Construction Cost				\$32,875
Mobilization (5%)				\$1,644
Subtotal 1				\$34,519
Contingency (25%)				\$8,630
Subtotal 2				\$43,148
Engineering design, surveys, land acquisition, utility locations, and permits (45%)			\$19,417	
Total				\$62,565
<b>Estimated Project Cost</b>				<b>\$63,000</b>

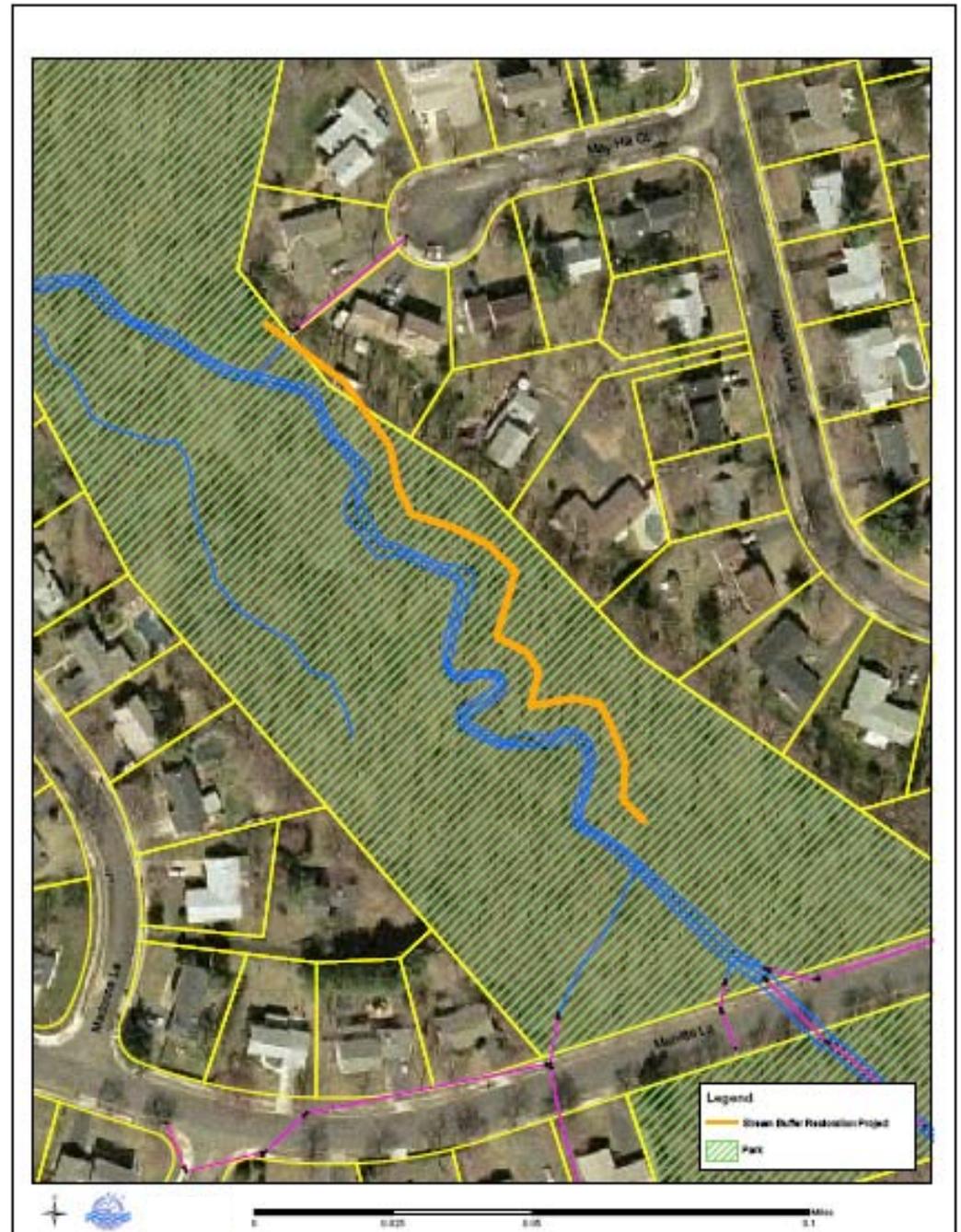
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9314
Project Type:	Buffer Restoration
Location:	Tributary to Big Rocky Run in FCPA parkland in Big Rocky Run Stream Valley Park downstream from Melville Lane between Madonna Lane and Maple View Lane Tax Map 45-3 Subdivision – Green Briar
Description:	Impacted by lawns and clearing

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Buffer Restoration	700	Feet	\$12.50	\$8,750
Base Construction Cost				\$8,750
Mobilization (5%)				\$438
Subtotal 1				\$9,188
Contingency (25%)				\$2,297
Subtotal 2				\$11,484
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$5,168
Total				\$16,652
<b>Estimated Project Cost</b>				<b>\$17,000</b>

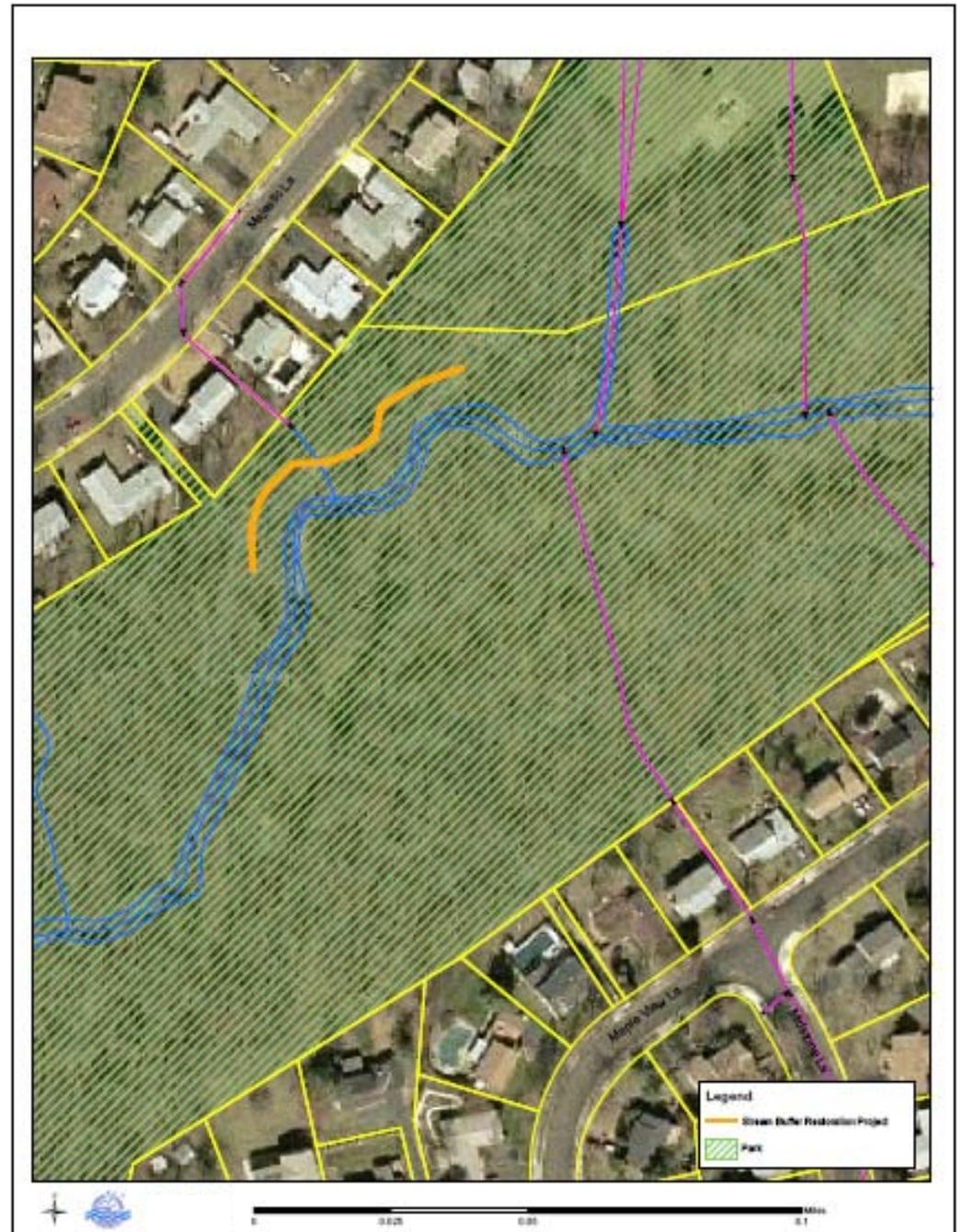
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9315
Project Type:	Buffer Restoration
Location:	Big Rocky Run in FCPA parkland in Rocky Run Stream Valley Park downstream from Middle Ridge Drive near Majestic Lane Tax Map – 45-3 Subdivision - Near Greenbriar
Description:	Impacted by lawns and clearing

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	330	Feet	\$12.50	\$4,125
Base Construction Cost				\$4,125
Mobilization (5%)				\$206
Subtotal 1				\$4,331
Contingency (25%)				\$1,083
Subtotal 2				\$5,414
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$2,436
Total				\$7,850
<b>Estimated Project Cost</b>				<b>\$8,000</b>

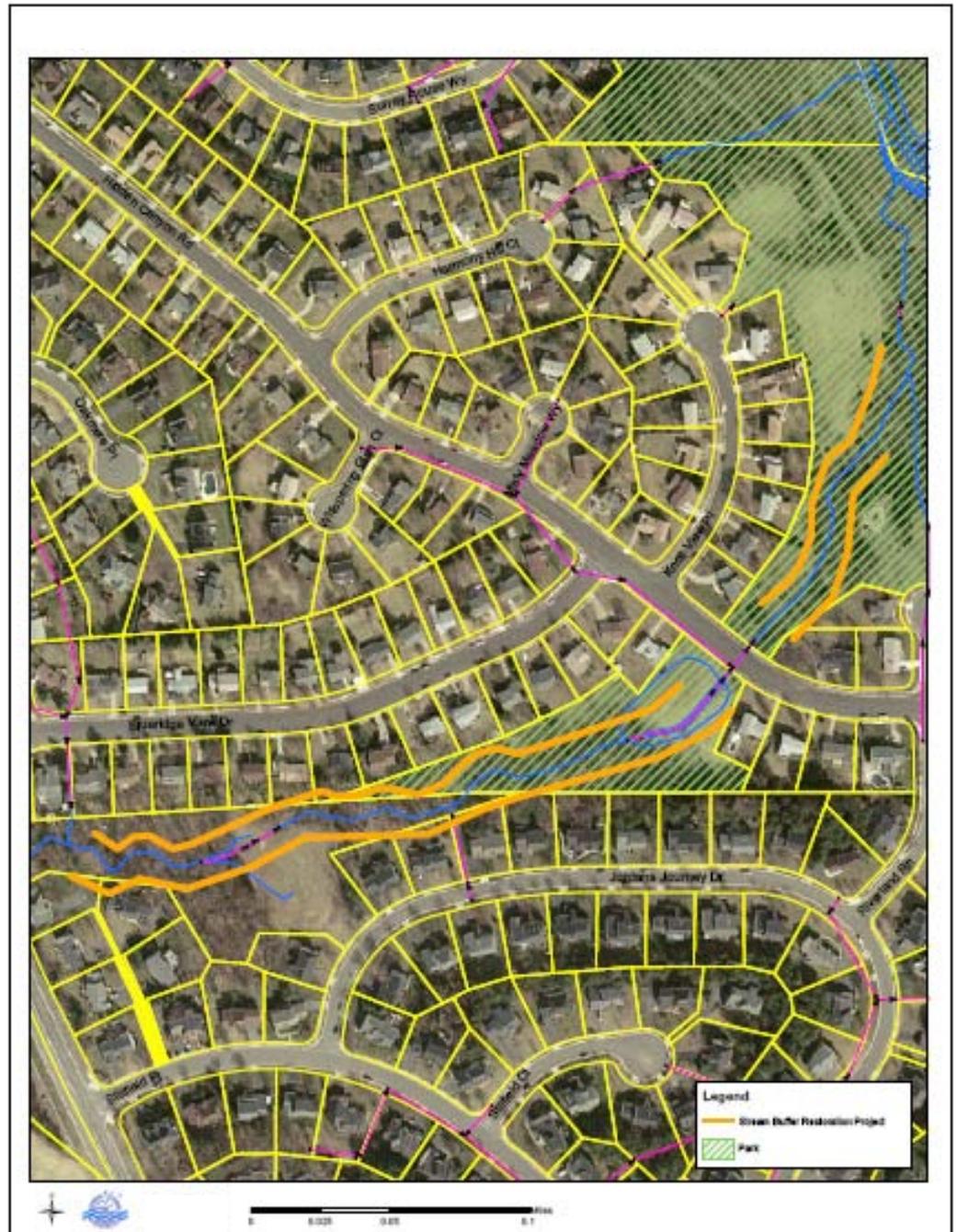
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9316
Project Type:	Buffer Restoration
Location:	Tributary to Middle Cub run partially in FCPA parkland in Cub Run Stream Valley Park. Virginia Run - Downstream from Pleasant Valley Rd. and crossing Hidden Canyon Road Tax Map – 53-3, 53-4 Subdivision – Pleasant Hill and Westport
Description:	Impacted by mowed areas.

Project Cost Estimate				
Item	Qty*	Units	Unit Cost	Total Cost
Stream Restoration	3,550	Feet	\$12.50	\$44,375
Base Construction Cost				\$44,375
Mobilization (5%)				\$2,219
Subtotal 1				\$46,594
Contingency (25%)				\$11,648
Subtotal 2				\$58,242
Engineering design, surveys, land acquisition, utility locations, and permits (45%)			\$26,209	
Total				\$84,451
<b>Estimated Project Cost</b>				<b>\$85,000</b>

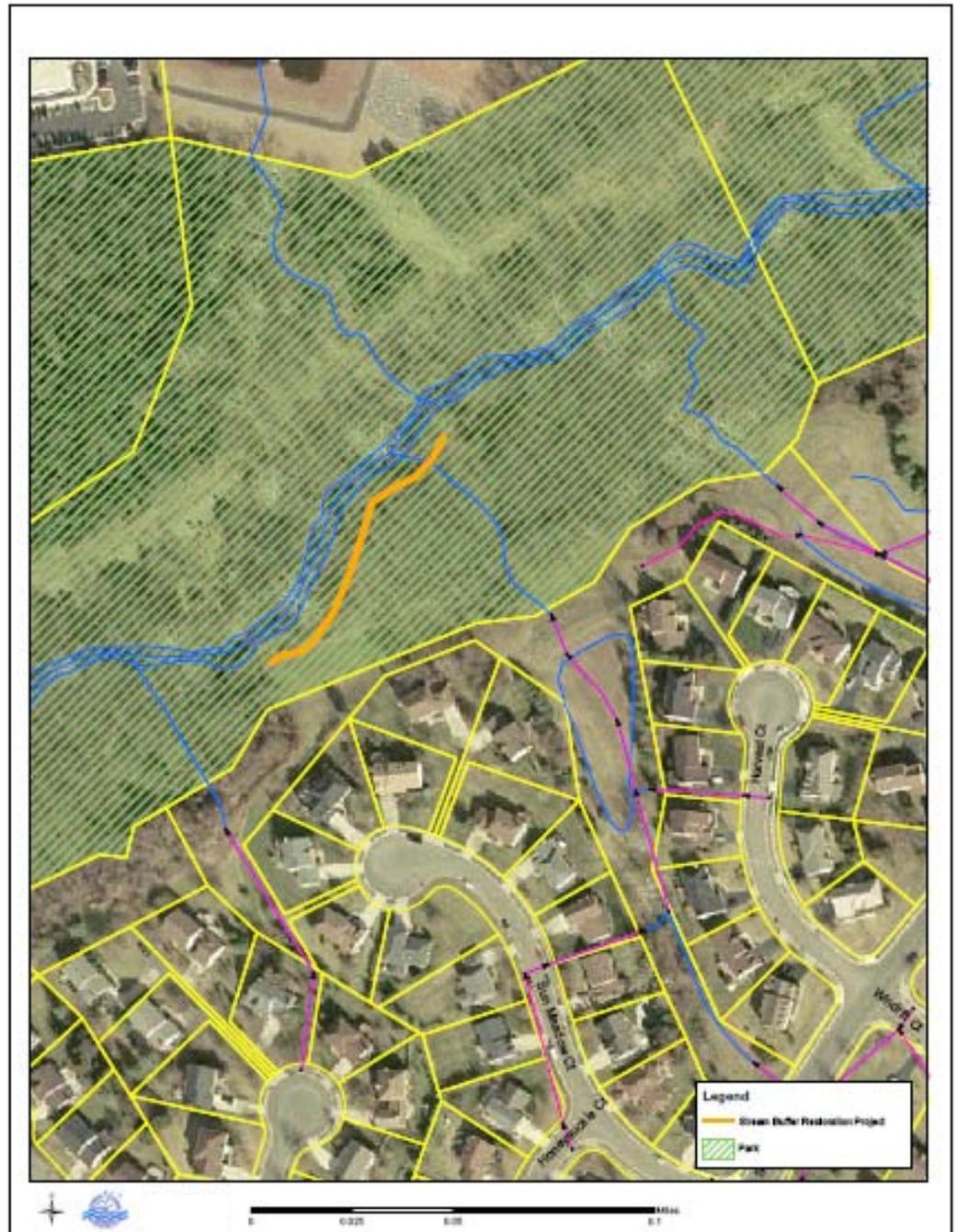
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9317
Project Type:	Buffer Restoration
Location:	Flatlick Branch in FCPA parkland in Flatlick Stream Valley Park upstream from Braddock Road near Sun Meadow Court Tax Map – 43-4 Subdivision – Sully Station
Description:	Impacted by trail, mowed areas and clearing

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	400	Feet	\$12.50	\$5,000
Base Construction Cost				\$5,000
Mobilization (5%)				\$250
Subtotal 1				\$5,250
Contingency (25%)				\$1,313
Subtotal 2				\$6,563
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$2,953
Total				\$9,516
<b>Estimated Project Cost</b>				<b>\$10,000</b>

\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9318
Project Type:	Buffer Restoration
Location:	Frog Branch in FCPA Frog Branch Stream Valley Park upstream and downstream from Lees Corner Rd Tax Map – 44-2 Subdivision – Brookfield
Description:	Impacted by mowed areas, clearing and nearby development

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	2,070	Feet	\$12.50	\$25,875
Base Construction Cost				\$25,875
Mobilization (5%)				\$1,294
Subtotal 1				\$27,169
Contingency (25%)				\$6,792
Subtotal 2				\$33,961
Engineering design, surveys, land acquisition, utility locations, and permits (45%)			\$15,282	
Total				\$49,243
<b>Estimated Project Cost</b>				<b>\$50,000</b>

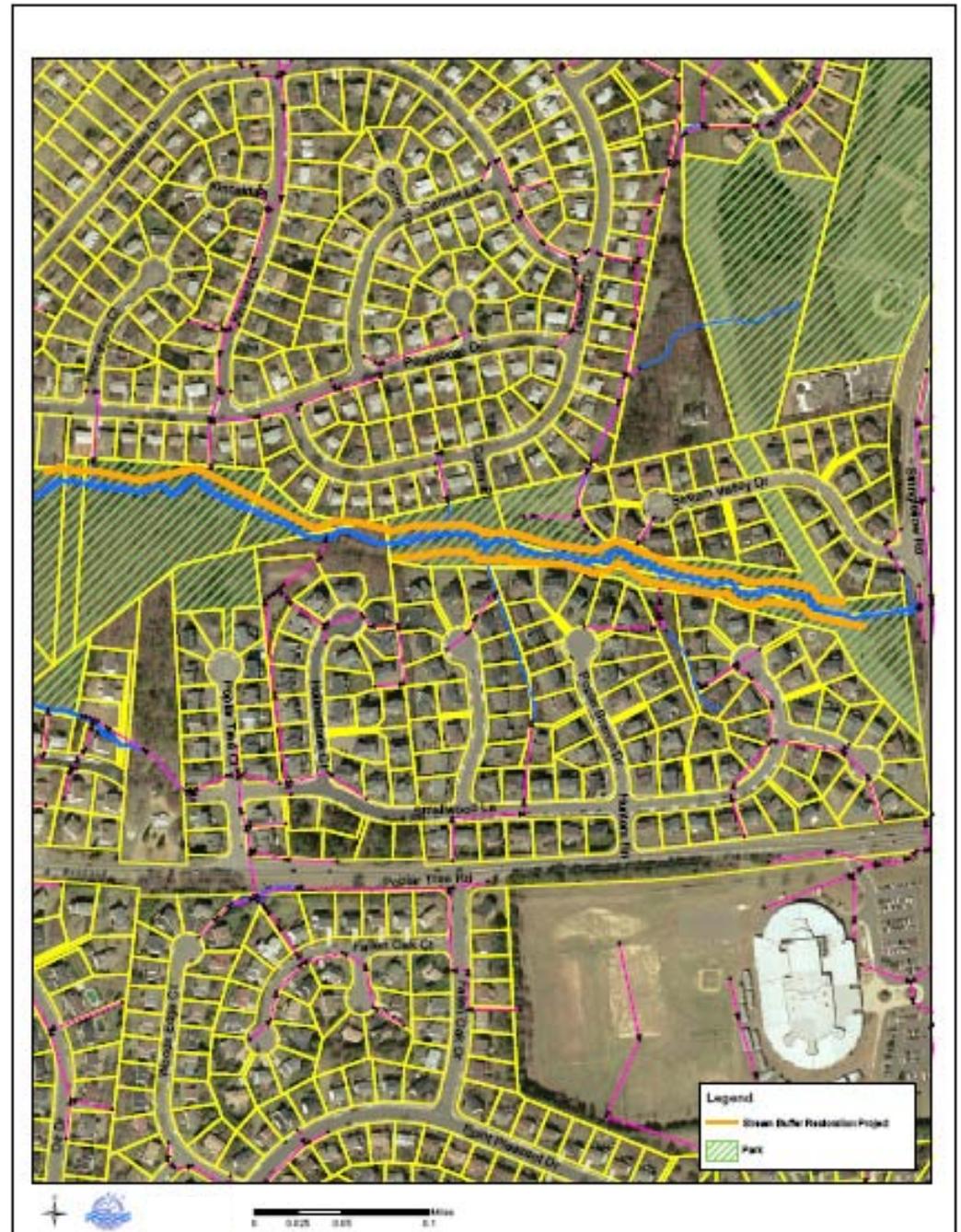
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9319
Project Type:	Buffer Restoration
Location:	Frog Branch in FCPA Frog Branch Stream Valley Park downstream from Stringfellow Road Tax Map – 44-2, 45-1 Subdivision – Brookfield, Hunters Run Section 1, Marion Woods, Poplar Tree Woods
Description:	Impacted by lawns and clearing

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	4,030	Feet	\$12.50	\$50,375
Base Construction Cost				\$50,375
Mobilization (5%)				\$2,519
Subtotal 1				\$52,894
Contingency (25%)				\$13,223
Subtotal 2				\$66,117
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$29,753
Total				\$95,870
<b>Estimated Project Cost</b>				<b>\$96,000</b>

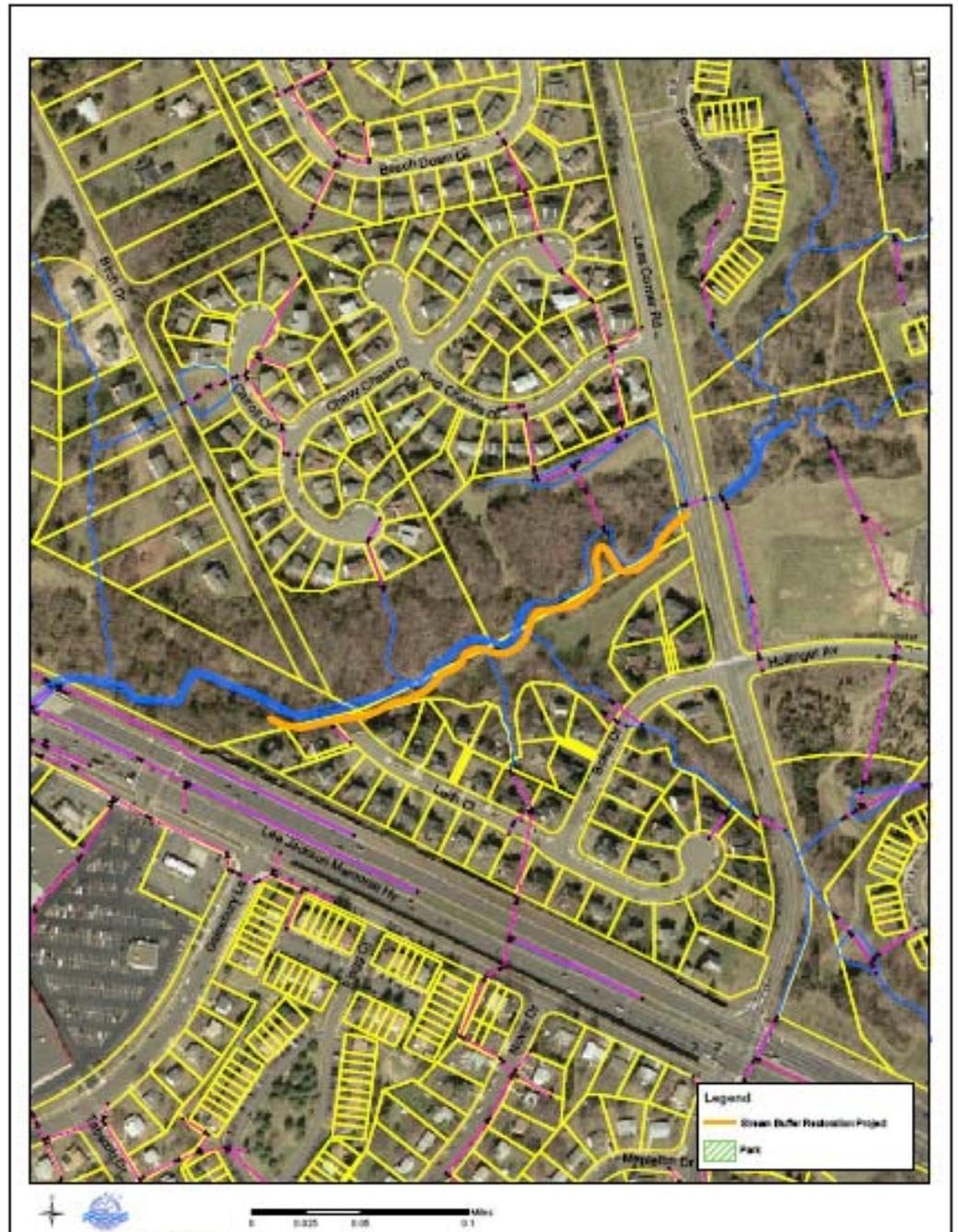
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9320
Project Type:	Buffer Restoration
Location:	Flatlick Branch in private property upstream from Rt. 50 and downstream from Lees Corner Road Tax Map – 34-4, 35-3 Subdivisions – Armfield Estates and Fair Oaks Farms
Description:	Impacted by mowed areas and nearby development.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	1,350	Feet	\$12.50	\$16,875
Base Construction Cost				\$16,875
Mobilization (5%)				\$844
Subtotal 1				\$17,719
Contingency (25%)				\$4,430
Subtotal 2				\$22,148
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$9,967
Total				\$32,115
<b>Estimated Project Cost</b>				<b>\$33,000</b>

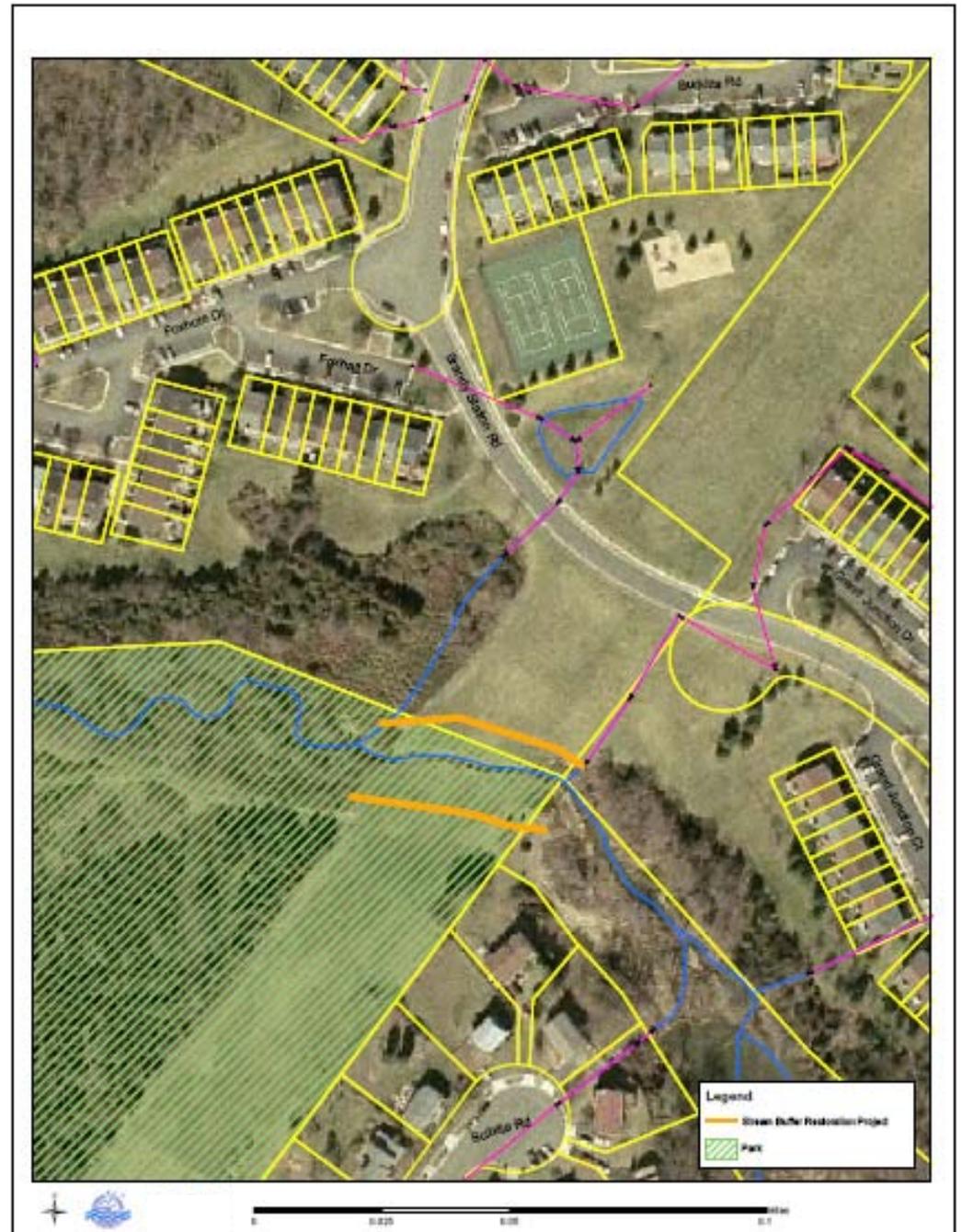
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9321
Project Type:	Buffer Restoration
Location:	Oxlick Brach in FCPA parkland downstream from Stringfellow Road near Brandy Station Road Tax Map – 35-3 Subdivision – Chantilly Farm Section 2 and Foxfield
Description:	Impacted by natural gas line utility right of way clearing and mowing

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	430	Feet	\$12.50	\$5,375
Base Construction Cost				\$5,375
Mobilization (5%)				\$269
Subtotal 1				\$5,644
Contingency (25%)				\$1,411
Subtotal 2				\$7,055
Engineering design, surveys, land acquisition, utility locations, and permits (45%)			\$3,175	
Total				\$10,229
<b>Estimated Project Cost</b>				<b>\$11,000</b>

\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9322
Project Type:	Buffer Restoration
Location:	Oxlick Branch downstream from Stringfellow Road Tax Map 35-3 Subdivision – Chantilly Farm Section 2 and Foxfield
Description:	Impacted by mowed areas, clearing and stormwater pond construction

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	430	Feet	\$12.50	\$5,375
Base Construction Cost				\$5,375
Mobilization (5%)				\$269
Subtotal 1				\$5,644
Contingency (25%)				\$1,411
Subtotal 2				\$7,055
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$3,175
Total				\$10,229
<b>Estimated Project Cost</b>				<b>\$11,000</b>

\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9323
Project Type:	Buffer Restoration
Location:	Oxlick Branch on private property downstream from Fairfax County Parkway near Freehill Lane Tax Map – 45-2 Subdivision – Highland Oaks
Description:	Impacted by lawns and clearing

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	110	Feet	\$12.50	\$1,375
Base Construction Cost				\$1,375
Mobilization (5%)				\$69
Subtotal 1				\$1,444
Contingency (25%)				\$361
Subtotal 2				\$1,805
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$812
Total				\$2,617
<b>Estimated Project Cost</b>				<b>\$3,000</b>

\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9324
Project Type:	Buffer Restoration
Location:	Flatlick Branch in private property upstream from Lees Corner Road Tax Map – 35-3 Subdivision – Foxfield
Description:	Impacted by utility right of way clearing and mowing

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	380	Feet	\$12.50	\$4,750
Base Construction Cost				\$4,750
Mobilization (5%)				\$238
Subtotal 1				\$4,988
Contingency (25%)				\$1,247
Subtotal 2				\$6,234
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$2,805
Total				\$9,040
<b>Estimated Project Cost</b>				<b>\$10,000</b>

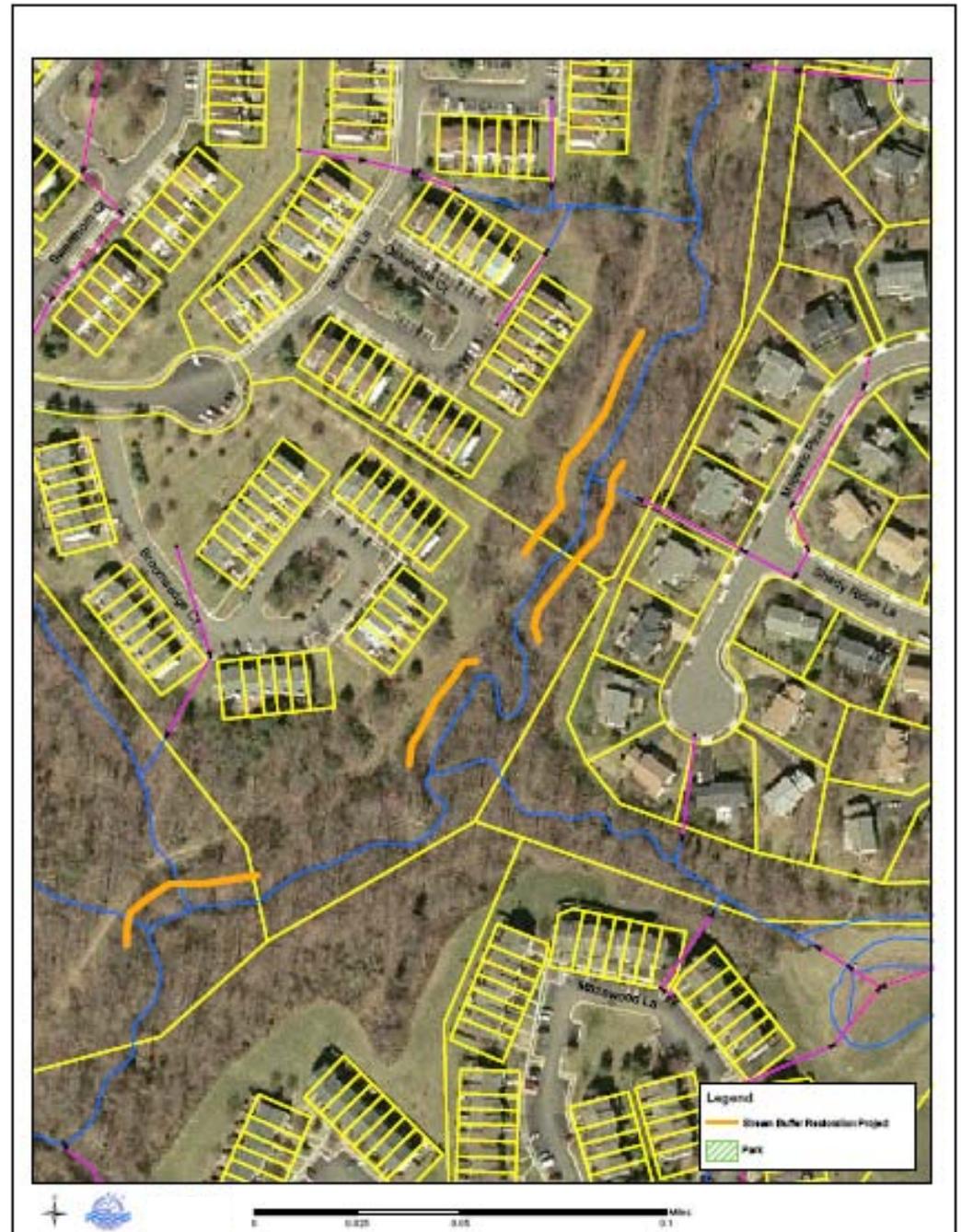
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9325
Project Type:	Buffer Restoration
Location:	Flatlick Branch in private property downstream from Fairfax County Parkway. Near Broomsedge Court, Oakshade Court and Majestic Pine Lane Tax Map – 35-3 Subdivision – Franklin Glen
Description:	Flatlick Branch, Impacted by mowed and cleared areas and nearby development.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	990	Feet	\$12.50	\$12,375
Base Construction Cost				\$12,375
Mobilization (5%)				\$619
Subtotal 1				\$12,994
Contingency (25%)				\$3,248
Subtotal 2				\$16,242
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$7,309
Total				\$23,551
<b>Estimated Project Cost</b>				<b>\$24,000</b>

\* - Cumulative length of impacted stream buffer within project limits.

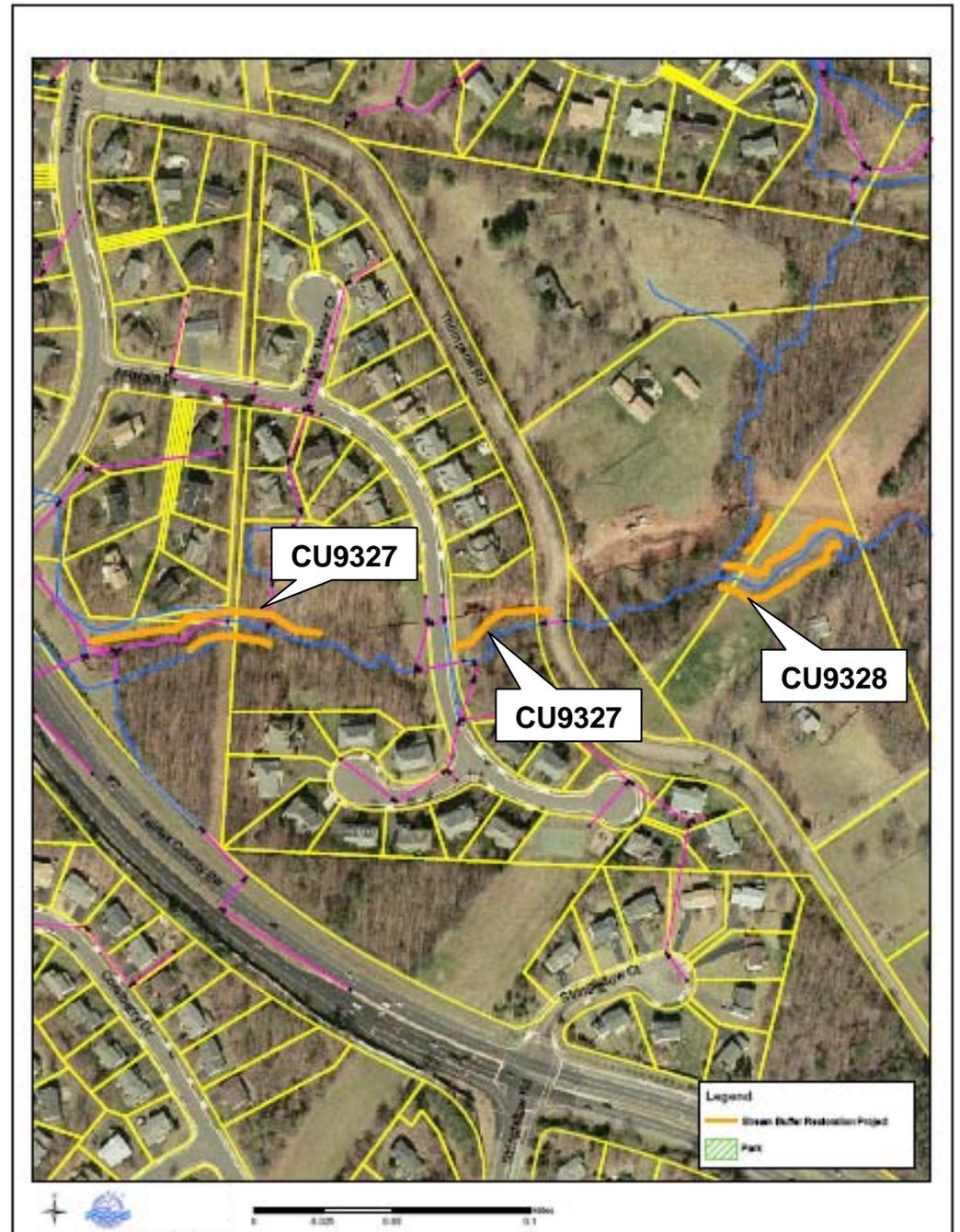




Project ID:	CU9327
Project Type:	Buffer Restoration
Location:	Flatlick Branch in private property upstream from Fairfax County Parkway and downstream from Thompson Road in two segments Tax Map – 35-3 Subdivision – Franklin Glen Section 11 and Franklin Manor
Description:	Impacted by mowed areas and clearing

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	840	Feet	\$12.50	\$10,500
Base Construction Cost				\$10,500
Mobilization (5%)				\$525
Subtotal 1				\$11,025
Contingency (25%)				\$2,756
Subtotal 2				\$13,781
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$6,202
Total				\$19,983
<b>Estimated Project Cost</b>				<b>\$20,000</b>

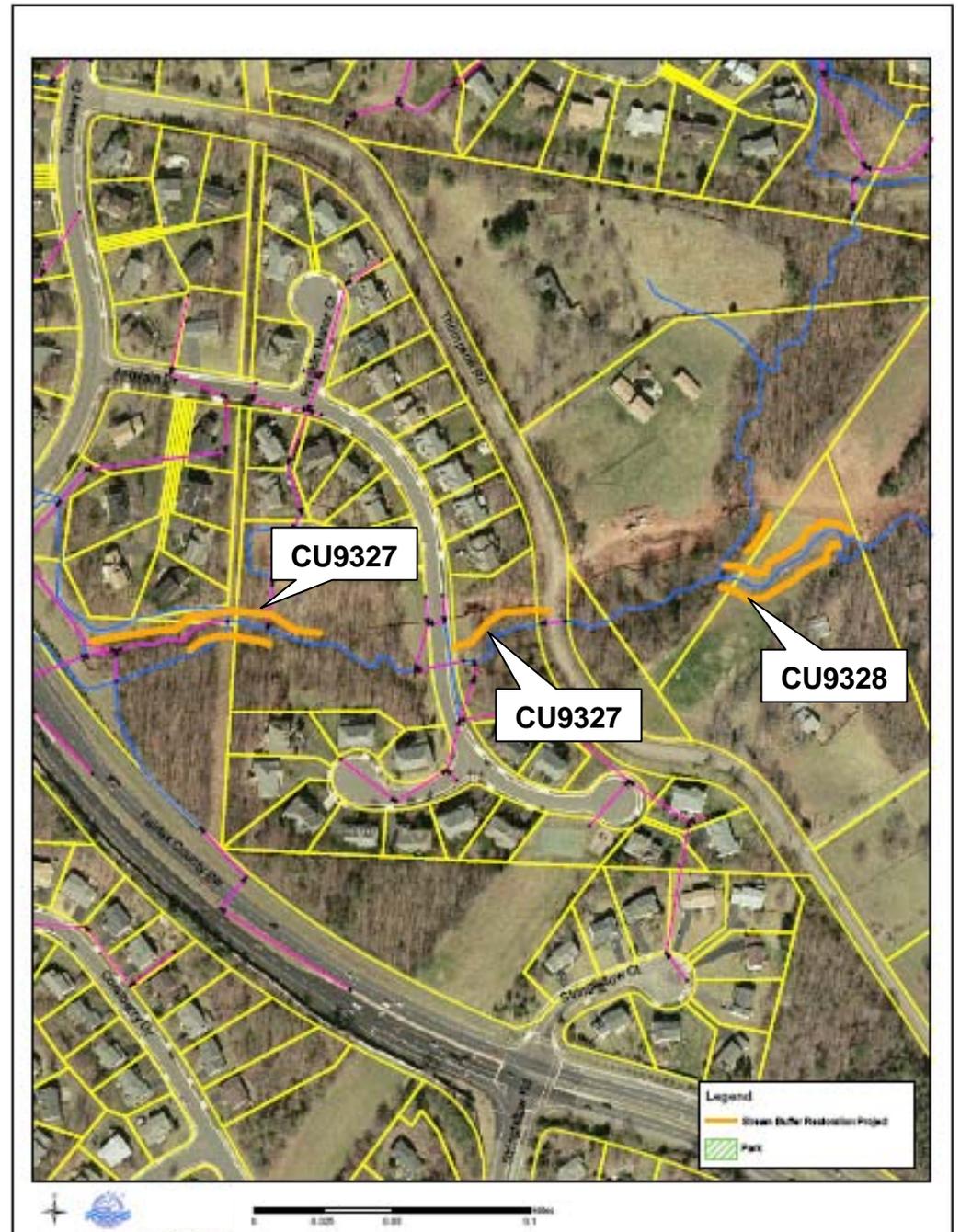
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9328
Project Type:	Buffer Restoration
Location:	Flatlick Branch on private property upstream from Thompson Road Tax Map – 35-3
Description:	Impacted by natural gas line clearing and mowing

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	660	Feet	\$12.50	\$8,250
Base Construction Cost				\$8,250
Mobilization (5%)				\$413
Subtotal 1				\$8,663
Contingency (25%)				\$2,166
Subtotal 2				\$10,828
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$4,873
Total				\$15,701
<b>Estimated Project Cost</b>				<b>\$16,000</b>

\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9329
Project Type:	Buffer Restoration
Location:	Flatlick Branch tributary on private property within Franklin Manor near Rose Grove Drive upstream from existing lake Tax Map – 35-4 Subdivision – Oak Hill Reserve
Description:	Impacted by new construction.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	2,000	Feet	\$12.50	\$25,000
Base Construction Cost				\$25,000
Mobilization (5%)				\$1,250
Subtotal 1				\$26,250
Contingency (25%)				\$6,563
Subtotal 2				\$32,813
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$14,766
Total				\$47,578
<b>Estimated Project Cost</b>				<b>\$48,000</b>

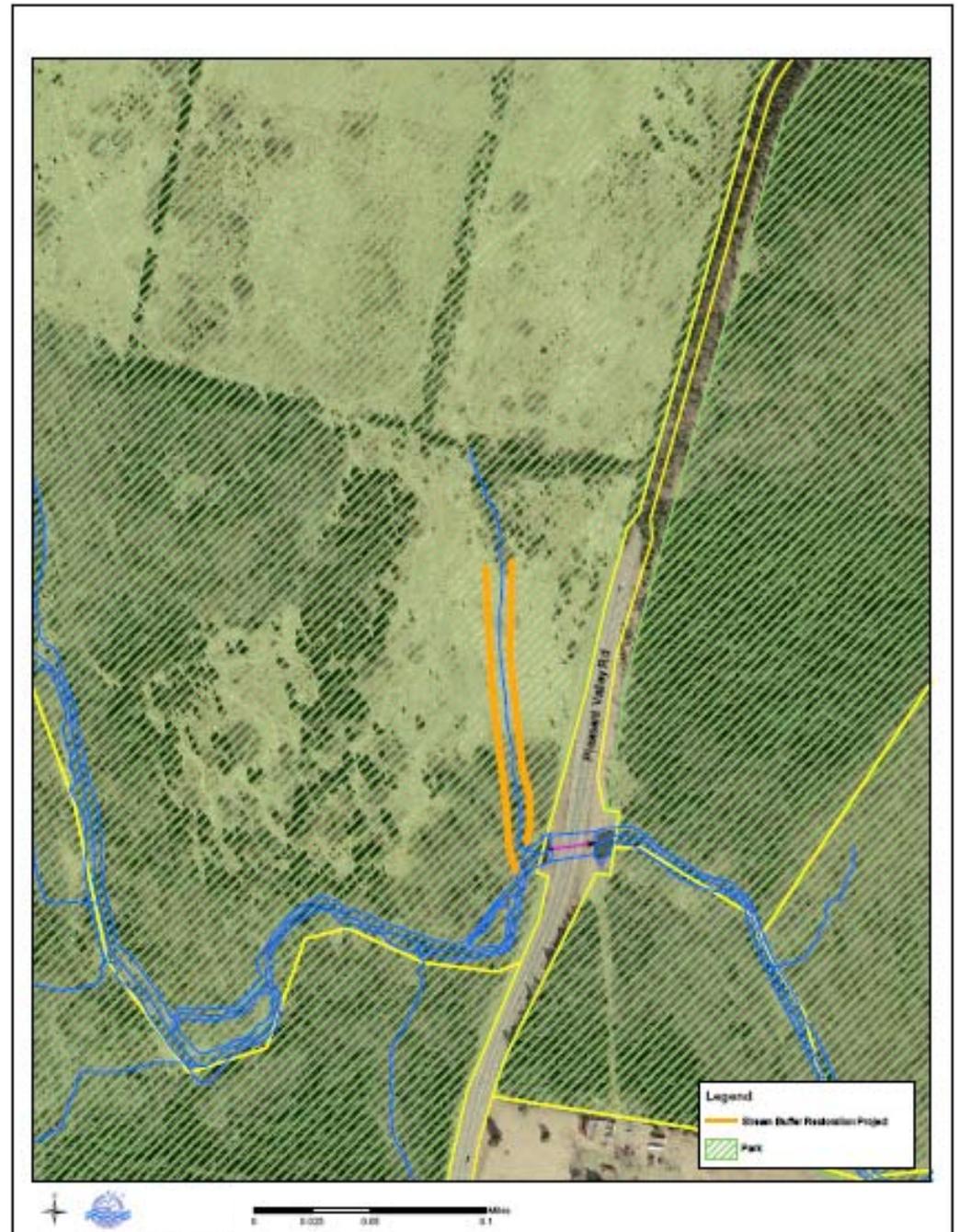
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9330
Project Type:	Buffer Restoration
Location:	Unnamed tributary to Elklick Run in FCPA parkland in Sully Woodlands near Pleasant Valley Road immediately north of Elklick Run Tax Map – 43-3
Description:	Impacted by field and clearing

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	1,350	Feet	\$12.50	\$16,875
Base Construction Cost				\$16,875
Mobilization (5%)				\$844
Subtotal 1				\$17,719
Contingency (25%)				\$4,430
Subtotal 2				\$22,148
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$9,967
Total				\$32,115
<b>Estimated Project Cost</b>				<b>\$33,000</b>

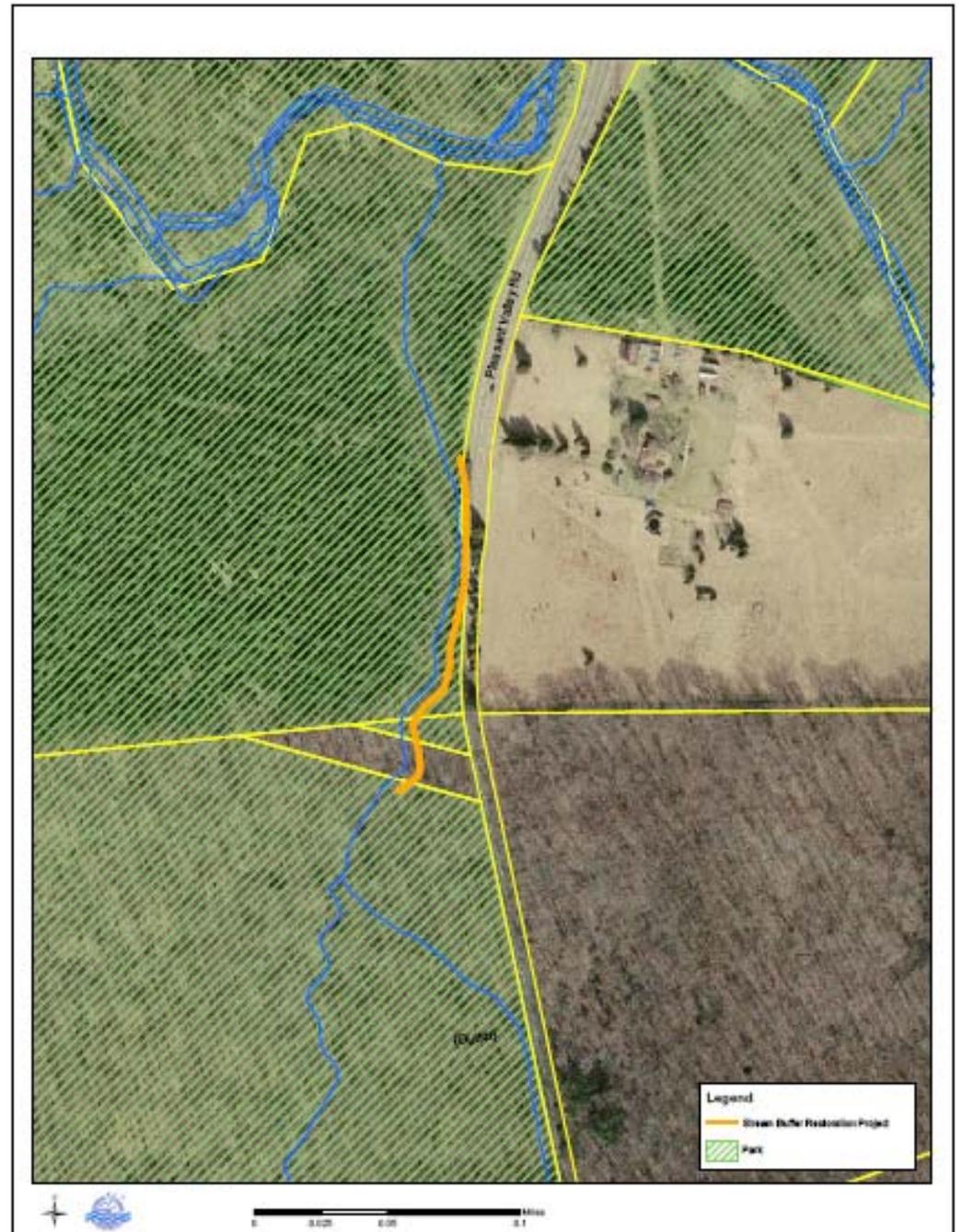
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9331
Project Type:	Buffer Restoration
Location:	Unnamed tributary to Ellick Run in FCWA Parkland within Sully Woodlands adjacent to Pleasant Valley Road south of Ellick Run Tax Map – 43-3
Description:	Impacted by roadway.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	720	Feet	\$12.50	\$9,000
Base Construction Cost				\$9,000
Mobilization (5%)				\$450
Subtotal 1				\$9,450
Contingency (25%)				\$2,363
Subtotal 2				\$11,813
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$5,316
Total				\$17,128
<b>Estimated Project Cost</b>				<b>\$18,000</b>

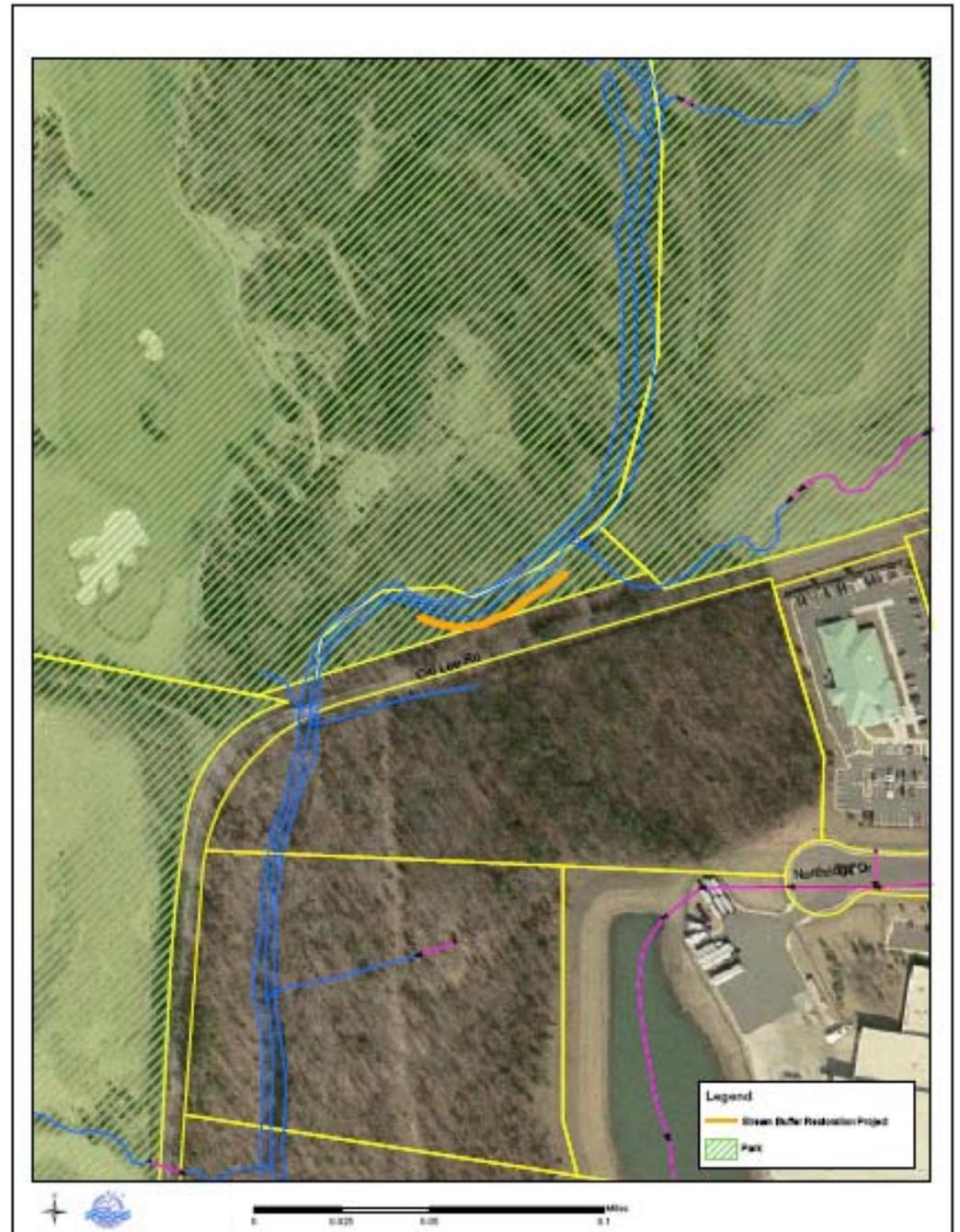
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9332
Project Type:	Buffer Restoration
Location:	Cub Run in FCPA parkland at Old Lee Road near Westfield High School Tax Map – 43-2
Description:	Impacted by roadway and construction of stormwater utilities.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	250	Feet	\$12.50	\$3,125
Base Construction Cost				\$3,125
Mobilization (5%)				\$156
Subtotal 1				\$3,281
Contingency (25%)				\$820
Subtotal 2				\$4,102
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$1,846
Total				\$5,947
<b>Estimated Project Cost</b>				<b>\$6,000</b>

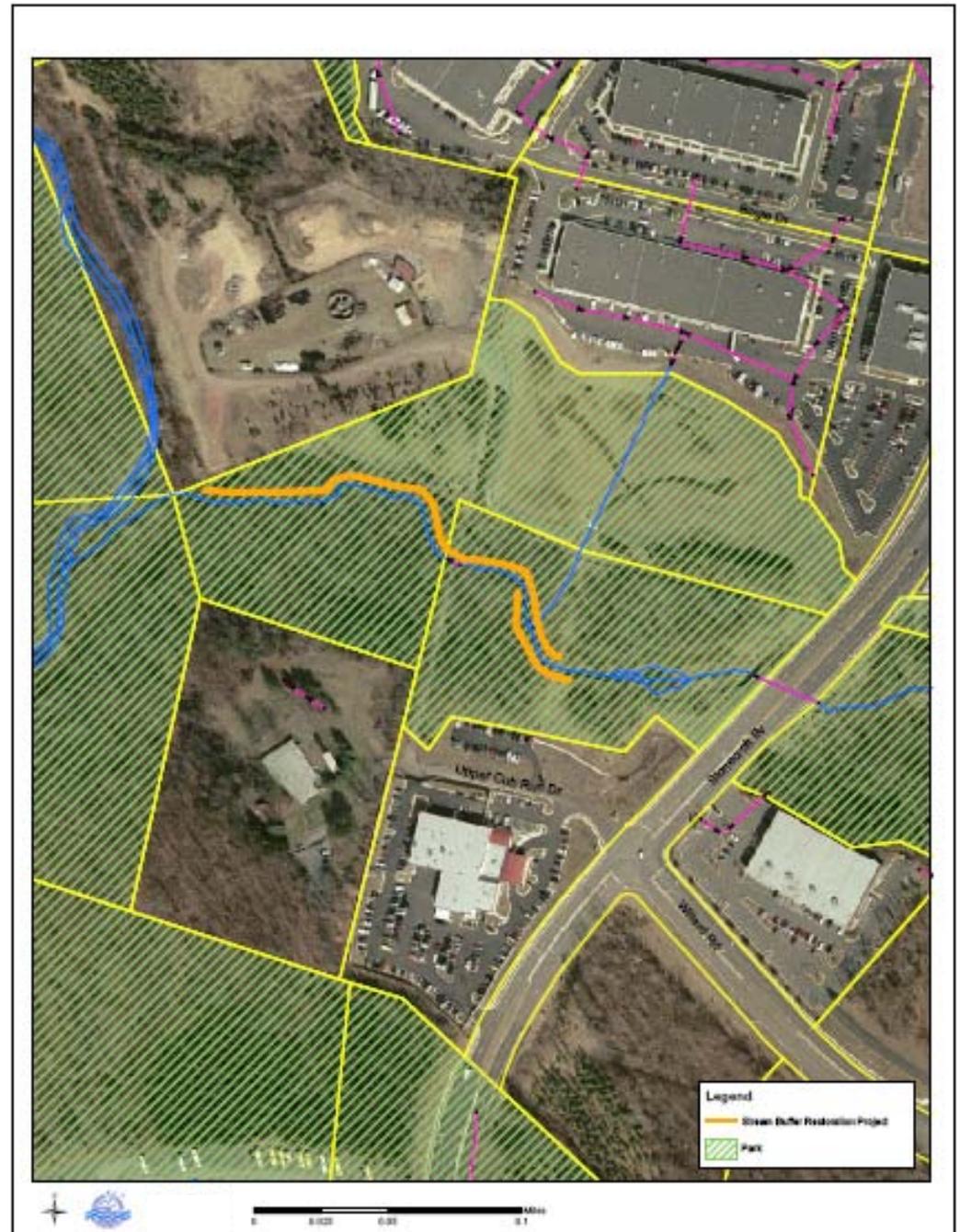
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9333
Project Type:	Buffer Restoration
Location:	FCPA Parkland in Cub Run Stream Valley Park along Schneider Branch upstream from Cub Run and downstream from Stonecroft Boulevard Tax Map – 33-4 Dulles International Business Center
Description:	Impacted by fields and clearing

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	1,160	Feet	\$12.50	\$14,500
Base Construction Cost				\$14,500
Mobilization (5%)				\$725
Subtotal 1				\$15,225
Contingency (25%)				\$3,806
Subtotal 2				\$19,031
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$8,564
Total				\$27,595
<b>Estimated Project Cost</b>				<b>\$28,000</b>

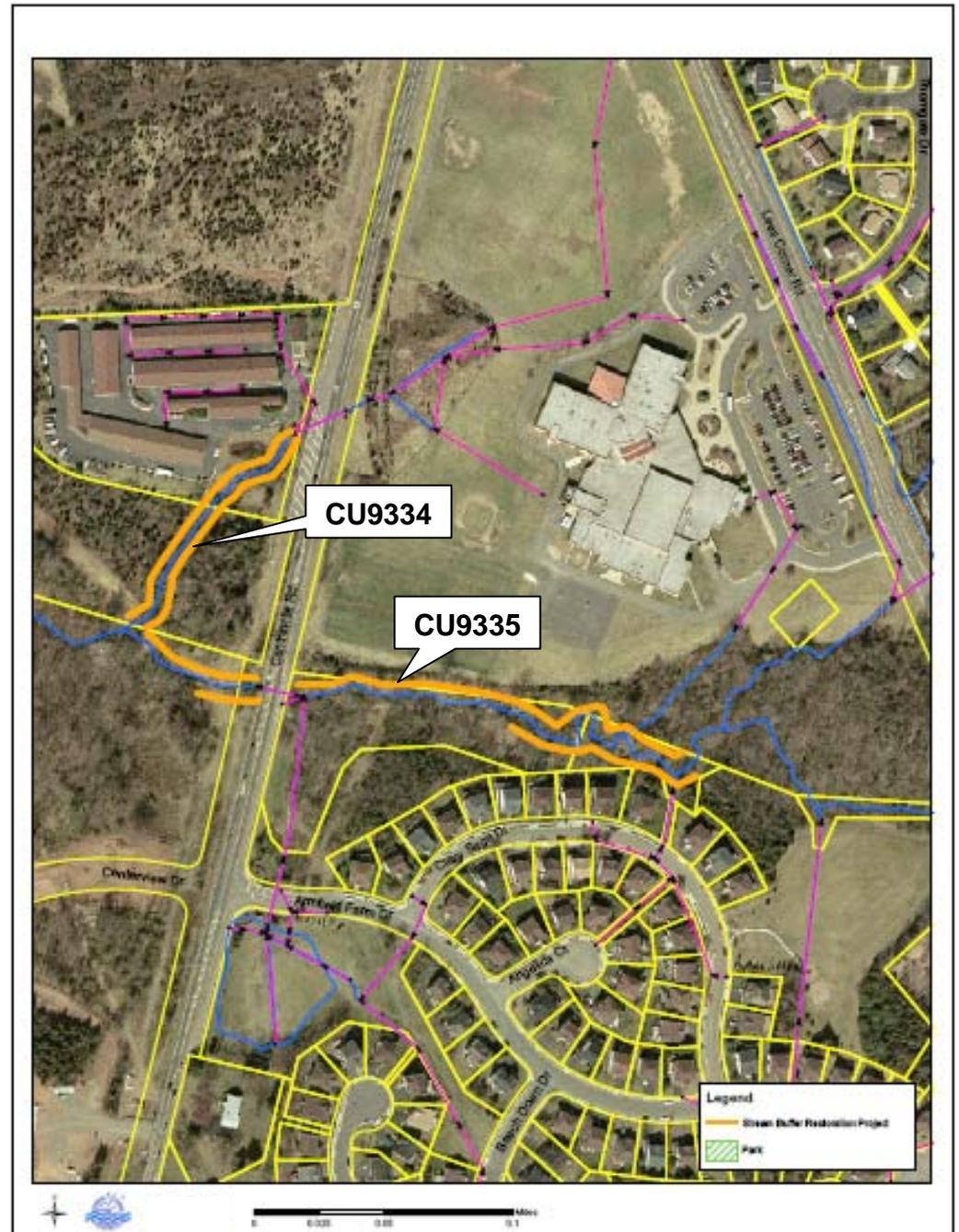
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9334
Project Type:	Buffer Restoration
Location:	Unnamed tributary to Cain Branch on private property downstream from Centreville Road near Franklin Middle School Tax Map 34-2
Description:	Impacted by fields and nearby development.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	1,060	Feet	\$12.50	\$13,250
Base Construction Cost				\$13,250
Mobilization (5%)				\$663
Subtotal 1				\$13,913
Contingency (25%)				\$3,478
Subtotal 2				\$17,391
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$7,826
Total				\$25,216
<b>Estimated Project Cost</b>				<b>\$26,000</b>

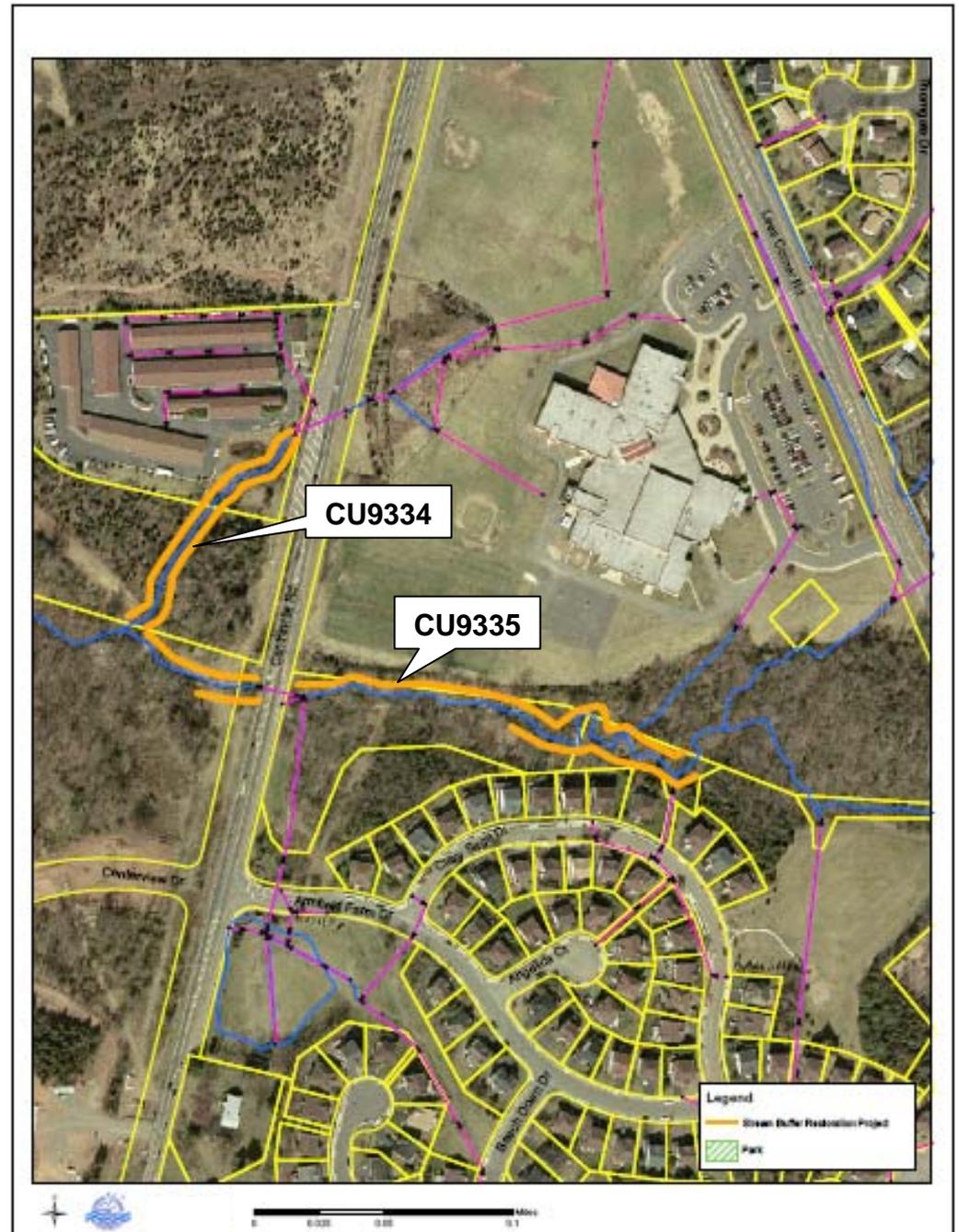
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9335
Project Type:	Buffer Restoration
Location:	Cain Branch on private property upstream from Centreville Road and downstream from Lees Corner Road near Franklin Middle School. Tax Map - 34-2 Subdivision – Armfield Farms
Description:	Impacted by road construction and school development

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	1,680	Feet	\$12.50	\$21,000
Base Construction Cost				\$21,000
Mobilization (5%)				\$1,050
Subtotal 1				\$22,050
Contingency (25%)				\$5,513
Subtotal 2				\$27,563
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$12,403
Total				\$39,966
<b>Estimated Project Cost</b>				<b>\$40,000</b>

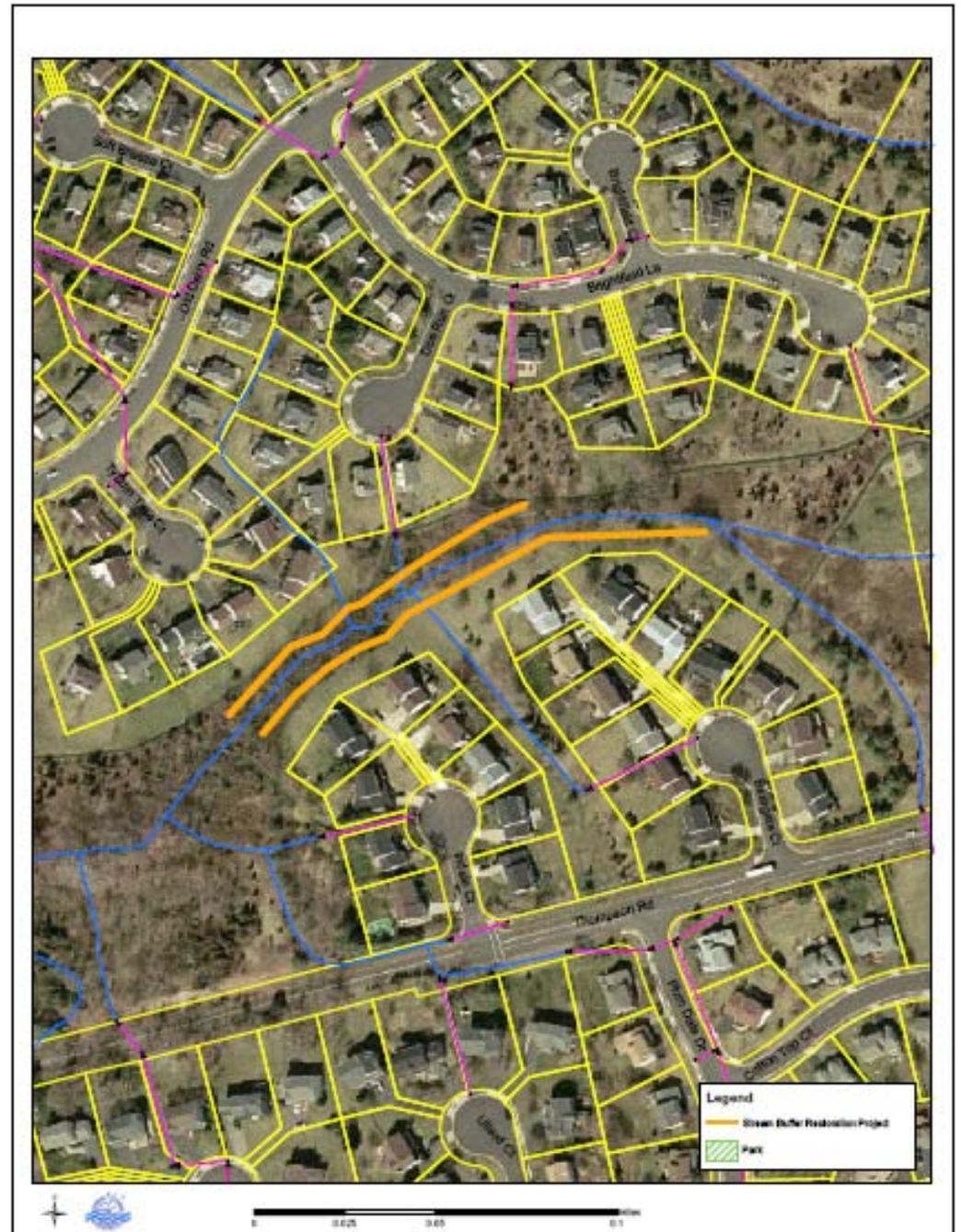
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9336
Project Type:	Buffer Restoration
Location:	Cain Branch in private property upstream from Lees Corner Road and regional pond C57. North of Indale Court and Briar Gate Court Tax Map – 35-1 Subdivision – 35-1
Description:	Impacted by nearby development and mowed areas.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	1,290	Feet	\$12.50	\$16,125
Base Construction Cost				\$16,125
Mobilization (5%)				\$806
Subtotal 1				\$16,931
Contingency (25%)				\$4,233
Subtotal 2				\$21,164
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$9,524
Total				\$30,688
<b>Estimated Project Cost</b>				<b>\$31,000</b>

\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9337
Project Type:	Buffer Restoration
Location:	Cub Run Tributary near Pleasant Valley Neighborhood. Partially within FCPA Cub Run Stream Valley Park on unnamed tributary. Tax Map – 33-1, 33-2, 33-3, 33-4 Subdivision – Lafayette Business Center and Pleasant Valley
Description:	Impacted by mowed areas and fields.

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	6,160	Feet	\$12.50	\$77,000
Base Construction Cost				\$77,000
Mobilization (5%)				\$3,850
Subtotal 1				\$80,850
Contingency (25%)				\$20,213
Subtotal 2				\$101,063
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$45,478
Total				\$146,541
<b>Estimated Project Cost</b>				<b>\$147,000</b>

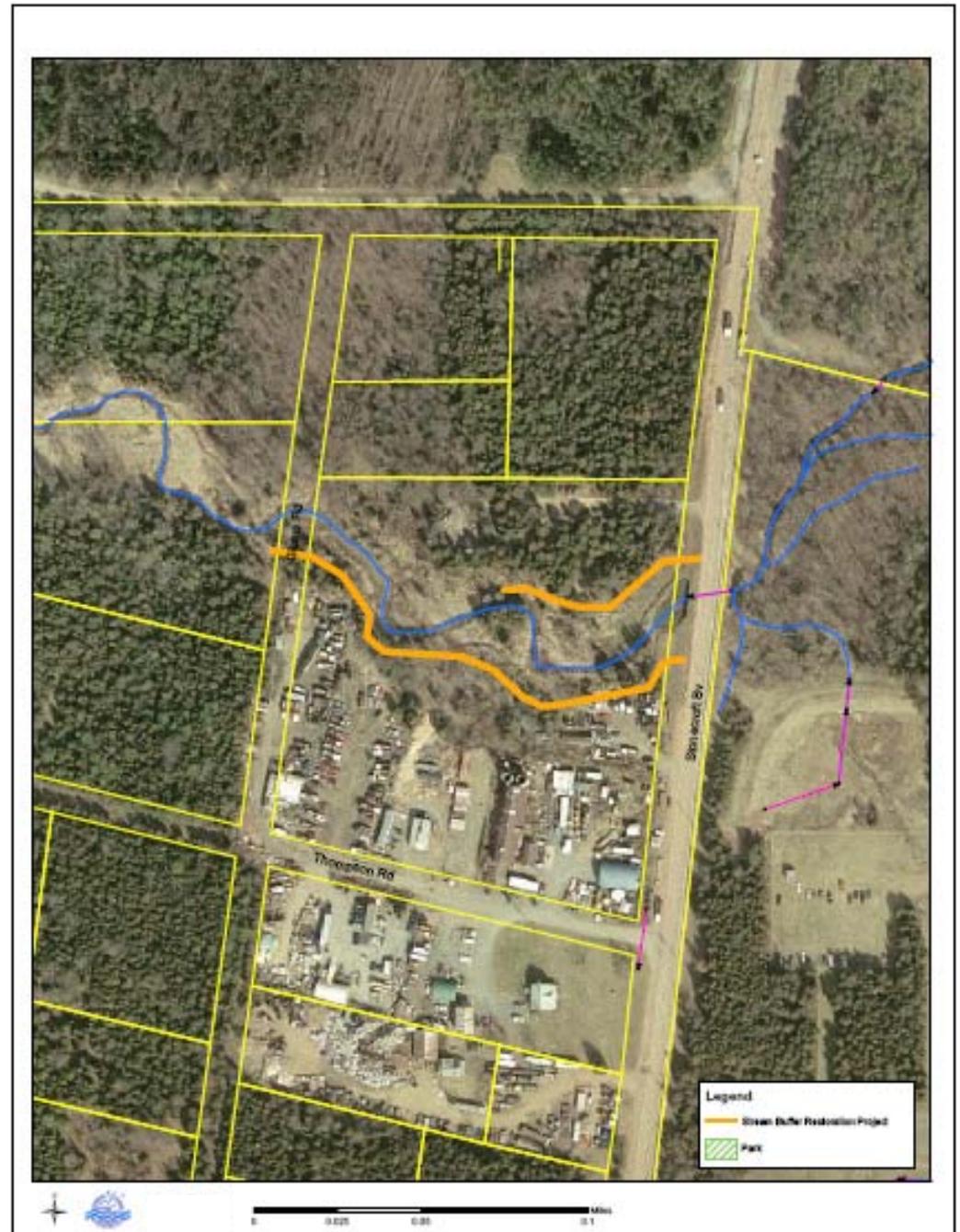
\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9338
Project Type:	Buffer Restoration
Location:	Dead Run on private property downstream from Stonecroft Boulevard. Tax Map 33-2 and 34-1 Subdivision – Fairwood Estates
Description:	Impacted by nearby construction and other land uses and open fields

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	1,140	Feet	\$12.50	\$14,250
Base Construction Cost				\$14,250
Mobilization (5%)				\$713
Subtotal 1				\$14,963
Contingency (25%)				\$3,741
Subtotal 2				\$18,703
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$8,416
Total				\$27,120
<b>Estimated Project Cost</b>				<b>\$28,000</b>

\* - Cumulative length of impacted stream buffer within project limits.



Project ID:	CU9339
Project Type:	Buffer Restoration
Location:	Dead Run on private property upstream from Stonecroft Boulevard Tax Map – 24-3
Description:	Impacted by new construction

Project Cost Estimate				
Item	Qty *	Units	Unit Cost	Total Cost
Stream Restoration	1,240	Feet	\$12.50	\$15,500
Base Construction Cost				\$15,500
Mobilization (5%)				\$775
Subtotal 1				\$16,275
Contingency (25%)				\$4,069
Subtotal 2				\$20,344
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$9,155
Total				\$29,498
<b>Estimated Project Cost</b>				<b>\$30,000</b>

\* - Cumulative length of impacted stream buffer within project limits.

