

STREAM LENGTH:  
REACH 5 = 3,286'

- PROPOSED MEANDERS ARE MINIMUM RADIUS.

- ACCESS PATH DECK MATS SHALL BE PLACED ALONG ENTIRE LENGTH OF UNPAVED AREAS OF TEMPORARY ACCESS PATH UNLESS SPECIFIED OTHERWISE.

- DO NOT REMOVE TREES #22864, #22865, #22866. FILL IN AND AROUND ROOTS TO STABILIZE SWALE AND TIE-IN TRAIL GRADING.

- MOVE LOGS INTO FLOODPLAIN AND SECURE WITH DUCKBILL ANCHORS.

- PROPOSED ALIGNMENT PROTECTS EXPOSED ROOTS ON TREE 24157 AND TREE 23021.

REVISED LIMITS OF CLEARING AND TEMPORARY ACCESS PATH.

- REMOVE SEDIMENT FROM CULVERTS.

- PLACE FILTER FABRIC ON STOCKPILE AREA.

REACH 5 10+00 TO 33+50  
WIDTH = 22.0'  
DEPTH = 2.3'  
PROPOSED LENGTH = 2,460'  
R<sub>c</sub> MIN = 55'

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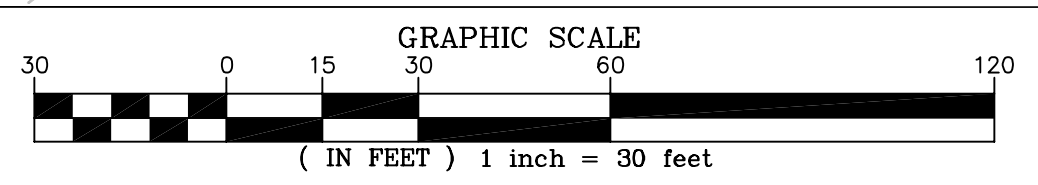
- ROCK WALL PROPOSED (STA. 10+00 TO STA. 12+40) TO PROTECT TREES ON RIGHT BANK.

- BRIDGE TO BE REPLACED WSSI ID #21 NO RESTON PLAC. #

- EXISTING MEANDER IS VERY TIGHT.  
- PROPOSED MEANDER SIZE MINIMIZES TREE IMPACTS.

**REACH 5 LEGEND**

---	PROPERTY BOUNDARY & STREAM ESMNT, TEMP. GRADING & CONST. ESMNT, & INGRESS-EGRESS ESMNT	▲	NEST
---	STREAM ESMNT, TEMP. GRADING & CONST. ESMNT, & INGRESS-EGRESS ESMNT	□	CAVITY
---	EXISTING CONTOURS (0.5')	○	SUBSURFACE EROSIONAL FEATURE
---	EXISTING INFRASTRUCTURE	◇	SNAG
---	FLOODPLAIN EASEMENT	+	DEN
---	NONPERENNIAL STREAM (EXISTING TOP OF BANK)	~	TREE DRIFLINE
---	PERENNIAL STREAM (EXISTING TOP OF BANK)	▬	ACCESS PATH
---	JURISDICTIONAL WETLAND AREAS	✗	TREE TO BE REMOVED
---	LTS - LIMITS OF TREE SURVEY		
---	PROPOSED TOP OF BANK		
---	PROPOSED CENTERLINE		
---	PROPOSED CONTOURS (0.5')		
---	-LOC-TP- LIMITS OF CLEARING / TREE PROTECTION		



**NORTHERN VIRGINIA STREAM RESTORATION BANK**  
THE GLADE - REACH 5

Fairfax County, Virginia  
**PRELIMINARY PLAN**



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H. D.: VCS NAD 83 V. D.: NGVD 29

REVISIONS				Boundary and Topo Source: WSSI and Fairfax Digital Data	
No.	Date	Description	Rev. By	App. By	
1	7/24/2009	Revised limits of clearing and access path	KLS	FRG	
2	7/24/2009	Revised alignment; stream lengths	KLS	FRG	
3	7/24/2009	Fine grading around bridges and walls; specified batter (as needed); added spot shots	KLS	FRG	
4	7/24/2009	Add trees to be removed (24054, 24064, 32030, 32009, 32110)	KLS	FRG	
5	7/24/2009	Trees to be saved (23000, 23001)	KLS	FRG	

DATE: JUNE 27, 2009    SCALE: 1" = 30'    C.I. = 0.5'