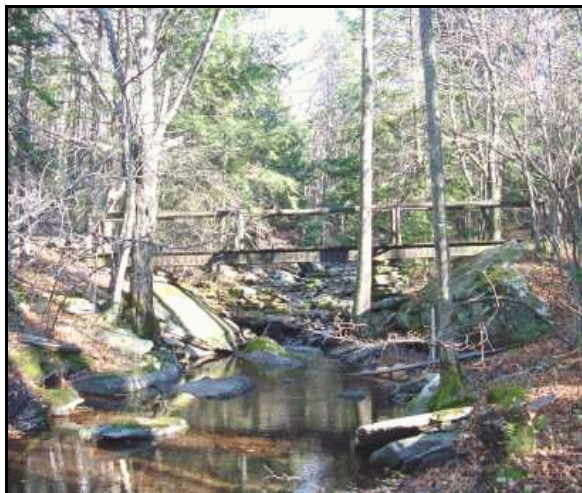
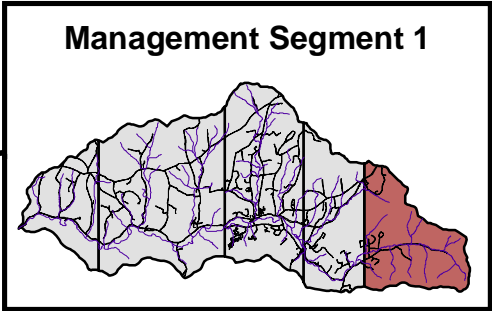
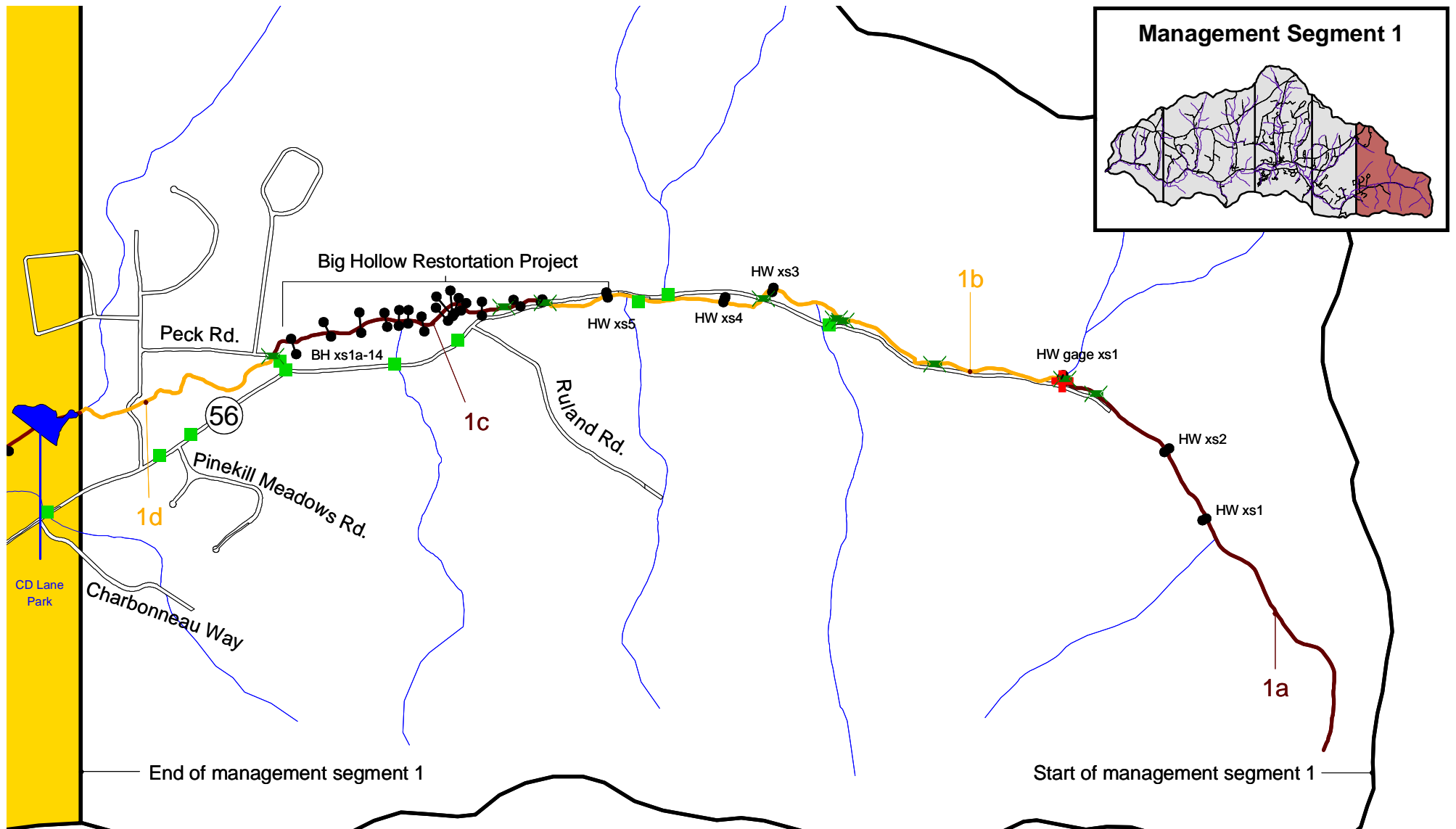

VI-A: Management Segment 1 (Source to C.D. Lane Park)

Management Segment 1 encompasses the upper-most reaches of the Batavia Kill headwaters and is approximately five miles in length. From the stream's origins on the western slopes of Blackhead and Black Dome Mountains, to its entrance into the CD Lane Park flood control structure, this segment is the only portion of the stream corridor that is not influenced by the Batavia Kill Watershed District flood control structures. The valley morphology transitions from a narrower, V shaped form into a broader U shaped valley with multiple river terraces. The segment is located within Valley Zones 7, 6, 5 and a portion of 4, **(Figure V-11)**, and has valley slopes ranging from greater than 6.8% in the headwaters, to slopes near 1.3% as the valley floor becomes flatter.

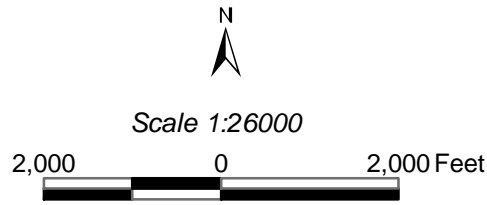


The stream channel alignment is characterized by low sinuosity, which is influenced by the natural topography of a narrow valley width, combined with steep valley slopes. In much of this segment, the Batavia Kill has a narrow belt width (a measure of the lateral containment of the channel within its valley) and is partially constricted by a town road as well as County Route 56. Review of historical aerial photography suggests that portions of this segment have been modified numerous times. The main channel passes under bridges and through one culvert in just 2.5 miles of stream channel along County Route 56. These alignment modifications have caused further constriction of the segment's available belt width and ability to adjust laterally.

The Phase I Inventory & Assessment, conducted in 1997, revealed that while the upper headwaters were highly stable, sections of the Batavia Kill located within the lower three miles of the management segment exhibited signs of extreme instability. To evaluate the management segment in closer detail, the GCSWCD used general valley morphology and physical stream characteristics to further subdivide the management reach into shorter stream reaches **(Map VI-2)**. The management segment was broken into 4 stream reaches which are discussed in detail in the following sections.



- Cross Section (xs)
- Bridges
- Culvert
- Gage
- Management Reach 1a & 1c
- Management Reach 1b & 1d
- Management Segments
- Streams
- Roads



Batavia Kill Watershed
Segment 1 Management Reaches
 Map VI-2
 Greene County Soil & Water Conservation District
 Batavia Kill Stream Management Plan

Management Segments & Reaches-GCSWCD, based on management segments and reaches detailed in Batavia Kill Stream Management Plan.
 Map produced by Greene County Soil & Water Conservation District, January 2002.
 Note: GIS data are approximate according to their scale and resolution.
 They may be subject to error and are not a substitute for on-site inspection or survey.
 Data sources are located in list of figures, tables, and maps.