

Barrier Wall Materials (Cont.)

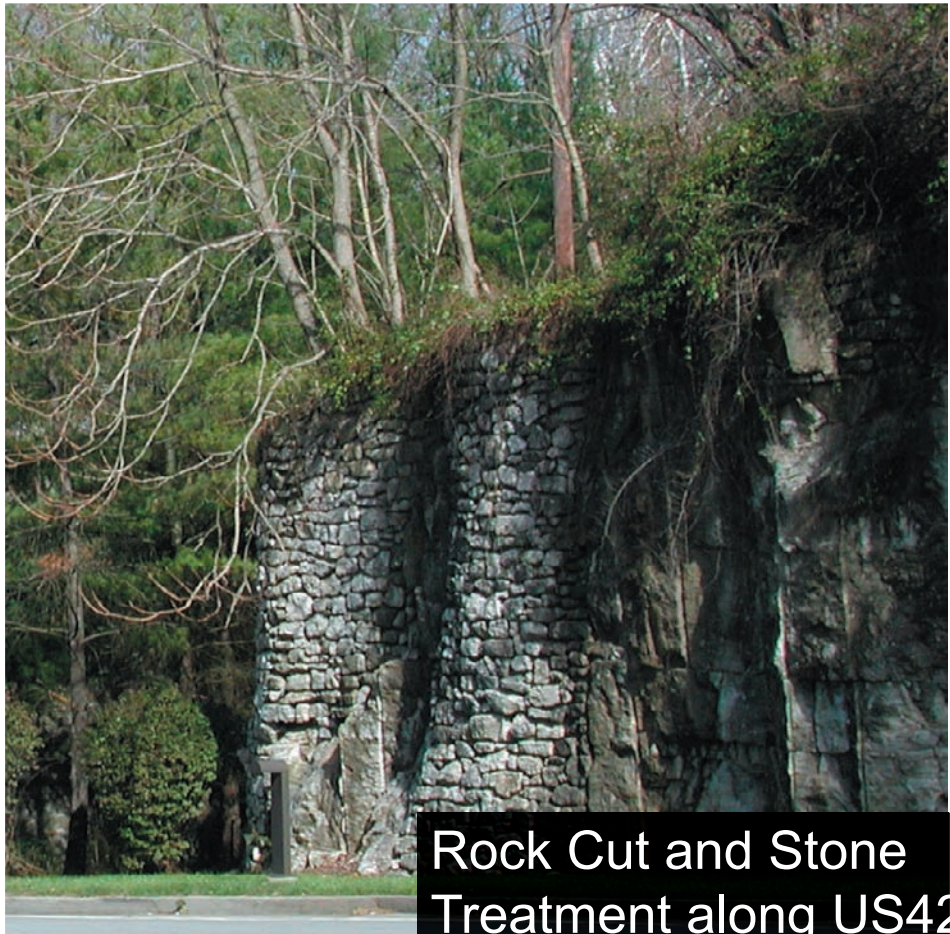
Existing Context



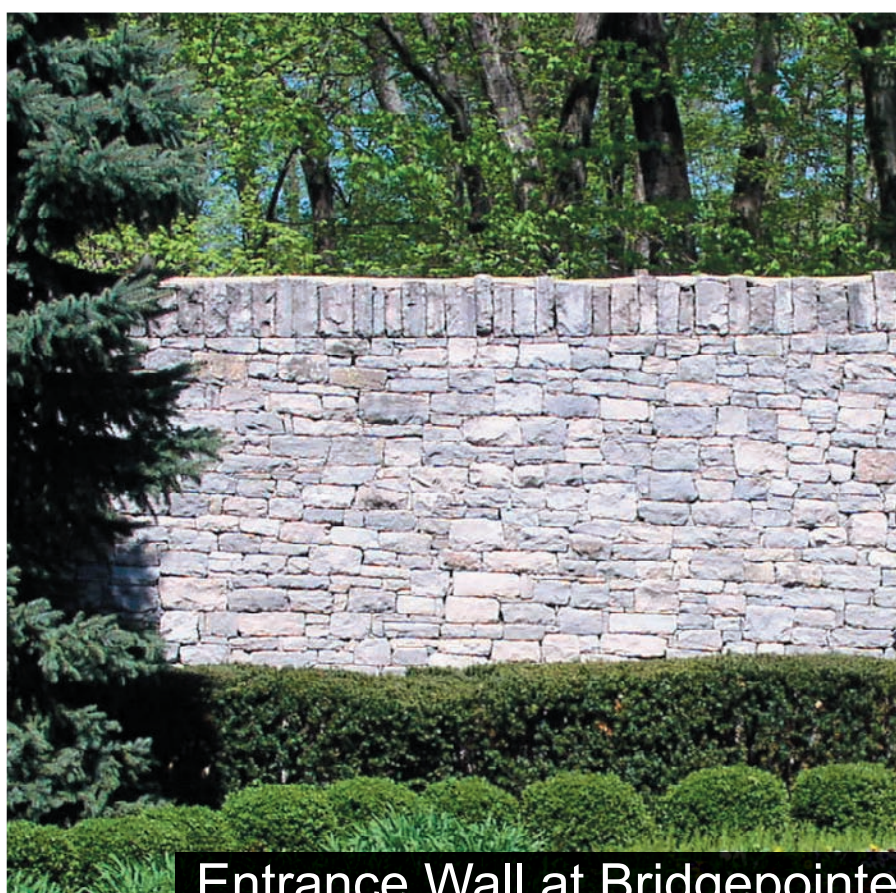
Retaining Wall Cherokee Park



Retaining Wall Glenview



Rock Cut and Stone Treatment along US42



Entrance Wall at Bridgepointe



Retaining Wall at Bingham-Hilliard Property



Retaining Wall at Bingham-Hilliard Property

Retaining and Freestanding Walls

Design objectives:

- Walls should be limited in size and scale so that they do not overwhelm the landscape.
- Walls should be constructed of stone, textured concrete to look like stone (formliners) or shotcrete formed to look like existing rock faces, depending upon their visual exposure and adjacency to historic properties.
- Wall details should be used that resemble the walls already found in the area, particularly those relating to historic sites.

Design concepts:

Retaining Walls Approaching Tunnel Portals:

In places **shotcrete material** (or Glass Fiber Reinforced Concrete by Custom Rock™) can be used to mimic the look of the naturally weathered limestone rock cuts. This can also be designed to blend to existing rock faces.

Retaining walls at portals may also be faced with **concrete formliner** designs to match existing rock walls in the region.

shotcrete

Glass Fiber Reinforced Concrete by Custom Rock™

Designer Concrete Fencestone®

Custom Rock™ #1206 - Royalite Stone

terraced portal face
barrier wall
series of retaining walls w/ planting TBD

Retaining walls adjacent to portals should match the treatment of portal faces. This could be a combination of shotcrete, formliner and stone treatments.

shotcrete
formliner

Detail showing shotcrete blending formliner treatment to natural stone

EXISTING ROCK CUT SHOTCRETE STONES FORMLINER

Freestanding Stone Safety Walls at Bridgepointe

At Bridgepointe, where walls are visually accessible from neighborhoods or slow traveling sections of the roadway, **natural stone** should be employed to match the look of existing stone walls found throughout the development.

natural stone

Proposed safety walls and foot pathway at Wolf Pen Branch entrance to Bridgepointe.

Example of decorative stone walls that are present throughout the Bridgepointe community.

Retaining Walls along Fill Adjacent to Belleview:

Due to the proximity to multiple historic properties, the retaining walls in the fill section adjacent to Belleview should also be constructed with **natural stone** in a similar manner to other retaining walls found in the area.

natural stone retaining walls in Cherokee Park

Retaining wall locations TBD, but may be required to achieve the design goal of blending the fill section into the existing landscape context.

Natural stone in this section should appear somewhat weathered and aged to fit with the historic context similar to the images above.