

Scanlon, Amy

To: Scanlon, Amy
Subject: FW: Glenwood

From: Schmidt, Janet
Sent: Monday, July 16, 2018 9:57 AM
To: Scanlon, Amy <AScanlon@cityofmadison.com>
Subject: RE: Glenwood

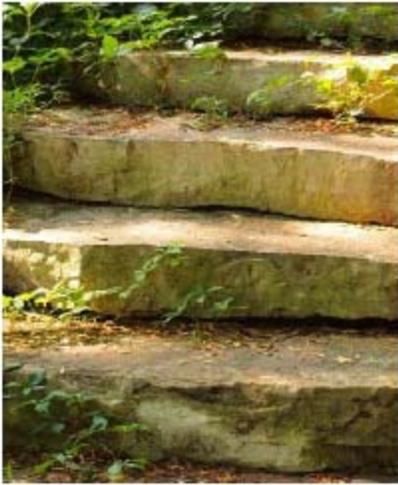
Hi Amy,

What we are proposing is removing the existing storm pipe and apron end that is now totally eroded and exposed and adding the new headwall and 48" pipes. We hope to mimic the appearance of the railroad arch culvert and could use limestone veneers (more expensive) or colored concrete and form liners. The discharge from the existing arch to the new pipe will have the "floor" redone so it's stone over geotextile fabric to lessen the erosion. We wanted to repurpose some of the existing rocks to make it more of a small riprap area. There will be cut stones used for the overflow as the larger storm events may overtop the new pipe and find their way to the channel.

Here's some examples of materials and what we anticipate what it could look like. That concrete headwall and wingwalls is just to give an idea of the general shape but the finish will be more in keeping with the veneer or form liners. The stone veneer can be cut in specific sizes...that is just an example from the manufacturer. The supplier is from Chilton, WI.

Hopefully this helps.

DESIGN EXAMPLES



STEPPED
OVERFLOW



FORM LINERS