



CITY OF HILLSBORO

MONTGOMERY COUNTY, ILLINOIS

447 South Main Street
Hillsboro, IL. 62049
(217) 532-5566 FAX (217) 532-5567

County Seat
Montgomery County

Established 1823

Hillsboro City Council
Regular Meeting, 7 p.m.
First & Third Tuesdays

RIPRAP AND FILTER FABRIC REQUEST FORM

Name: _____

Address: _____

Phone: _____

Date: _____ Lake Lot Number(s): _____

Item(s) requested: Riprap _____ Fabric _____

Amount requested: Riprap _____ (tons) Fabric _____ (linear feet)
Note: Filter fabric is 15' wide

Mode of delivery: Land _____ Barge _____

Please provide a brief description of the conditions and how/where the riprap will be used.

I have received a copy of the guidelines for Riprap Installation on Glenn Shoals Lake and Lake Hillsboro and agree to comply with these guidelines for all installations of riprap.

Requester signature

Date

Approval signature

Date

Guidelines for Riprap Installation on Glenn Shoals Lake and Lake Hillsboro

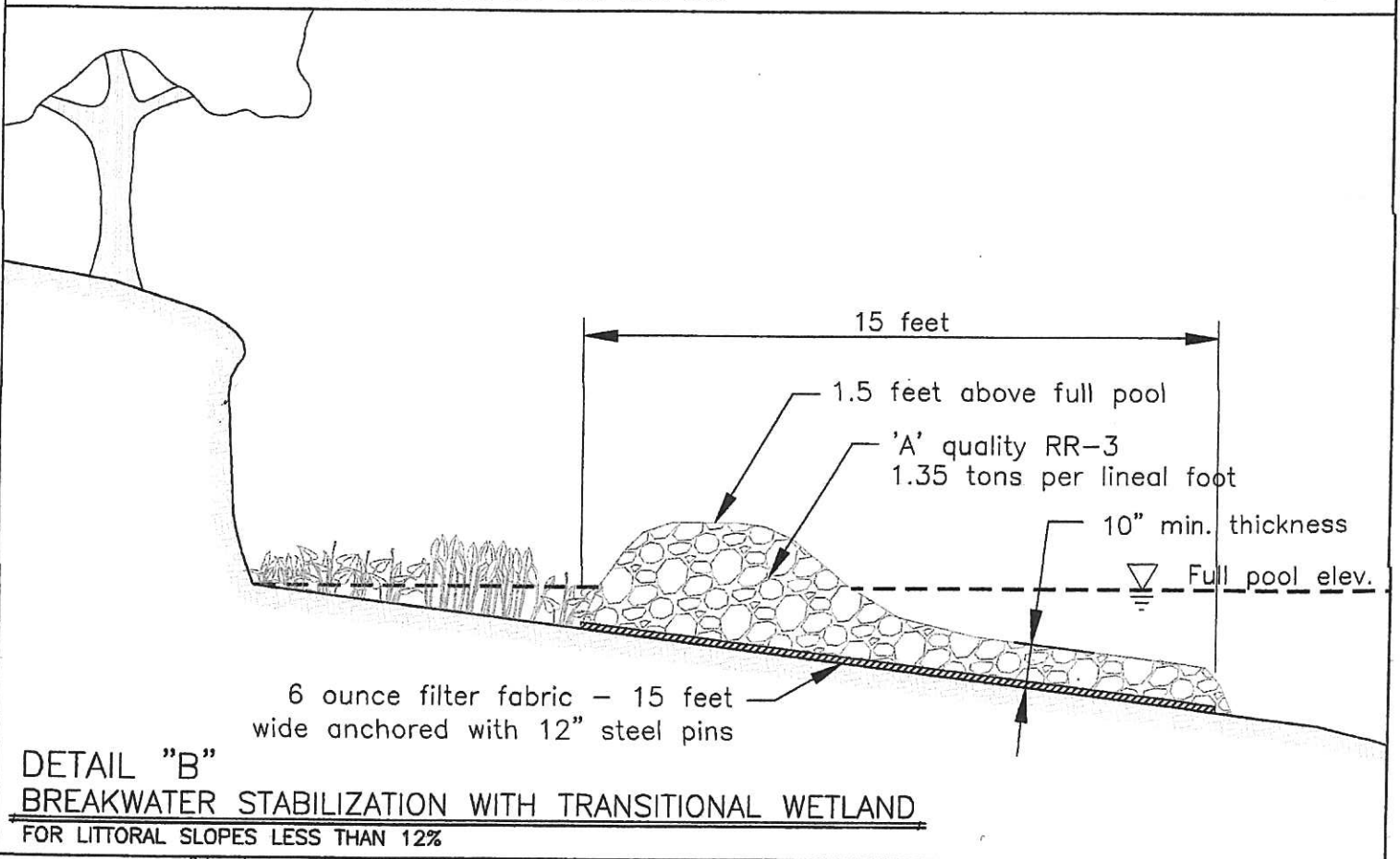
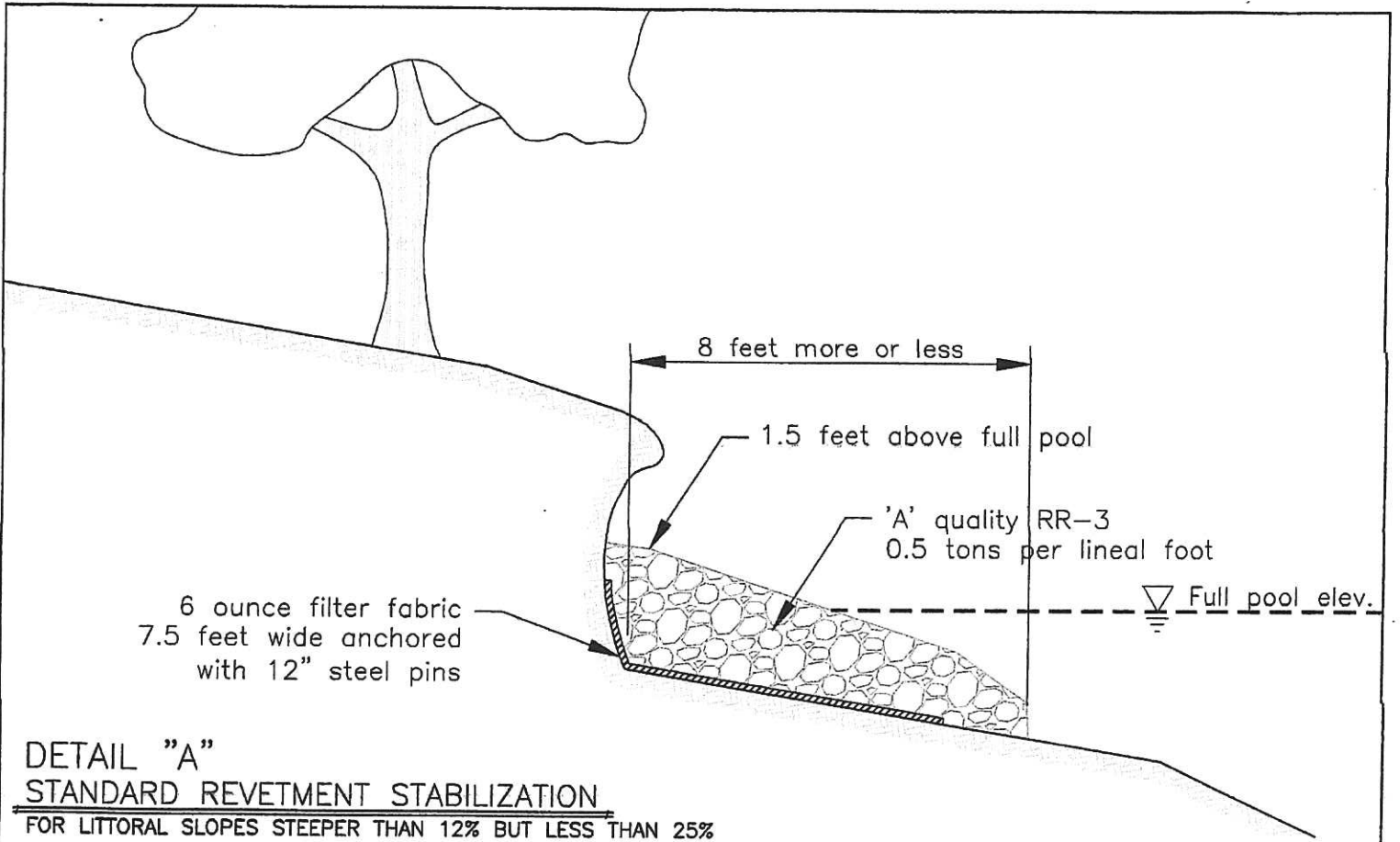
In an effort to improve water quality, stabilize the shoreline, reduce siltation and erosion, and extend the life of Glenn Shoals Lake and Lake Hillsboro, the City of Hillsboro welcomes the opportunity to partner with landowners and/or lake lot lessees to install filter fabric and riprap along the shoreline of the lake. In this effort, the City of Hillsboro has compiled this set of guidelines to aid in the proper installation of the materials to help ensure maximum effectiveness of erosion control and use of tax dollars.

The City of Hillsboro has adopted the breakwater method of shoreline stabilization as the preferred method as shown on the attached detail. Any deviation from this method must be approved by the Commissioner of Streets and Public Properties or his/her designee.

- The City of Hillsboro will consider providing materials and delivery 30 tons of riprap to each landowner or lake lot lessee per fiscal year until that year's budgeted funds have been exhausted. Riprap requests will be granted on a need based priority.
- Additional riprap may be available with approval of the Commissioner of Streets and Public Properties.
- If delivery of riprap by land is not an option, lake lot lessees or adjacent landowners may request delivery via the barge. The barge will only be loaded and delivered by City personnel and the lessee will have a limited amount of time to unload the barge and place the riprap.
- Riprap is to be used for **shoreline stabilization** of Glenn Shoals or Lake Hillsboro only. Any other use or application of riprap provided by the City of Hillsboro must be approved prior to the order.
- **Proper use of filter fabric and pins shall be required under stone riprap or broken concrete in ALL INSTALLATIONS. Do not install riprap without first installing the fabric liner.**
- Filter fabric and pins are available at City Hall. **Do not take the roll without prior authorization.** Measure the shoreline length to be covered and cut off only what you can use for this installation.
- The riprap shall be placed to its full course thickness in one operation and in such a manner to avoid tearing or displacing the filter fabric.
- When using the breakwater method, the berm should ideally be placed 5-8 feet from the base of the eroding embankment to allow slumping to occur and promote growth of vegetation for stabilization.
- The finished riprap shall be reasonably well graded with a minimum of voids. The desired distribution of various sizes of stones shall be obtained by controlled

dumping of successive loads during the final placing, or by other methods of placement which will produce the specified results. Rearranging of individual stones by mechanical equipment or by hand will be required to the extent necessary to obtain a reasonably well-graded distribution of stone sizes.

- Riprap shall be installed in the same calendar year as delivery. Stockpiling riprap is not permitted.
- All installations of riprap must be approved by the Commissioner of Parks, or his/her designee, prior to requesting riprap and fabric. A post construction inspection will also take place to ensure proper installation,
- Please contact the Parks, Lakes, & Public Properties Department at 217 532-6778 with any questions or for additional information.



	Designed	Date
	D. Holland	3/21
	Drawn	D. Holland 3/21
	Checked	J. Adamson 3/21
	Approved	



BANK STABILIZATION DETAILS
CITY OF **Hillsboro**, ILLINOIS