



LAKE BRADFORD/CHUBB LAKE DRAINAGE STUDY

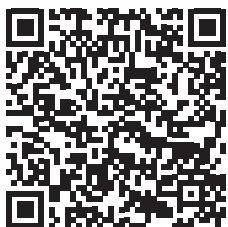
LAKE BRADFORD DREDGING

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CONTACT INFORMATION

Matthew Richardson, PE
Project Manager
City of Virginia Beach
Department of Public Works
Stormwater Engineering Center
LakeBradford@vb.gov.com
(757) 385-4131



Please complete the online survey available on the project website by scanning the QR code or visiting the following web address:
www.vb.gov.com/LakeBradford

PROJECT BACKGROUND

The project includes improving the flow characteristics of the two fingers of Lake Bradford. The Shore Drive finger of Lake Bradford begins just north of the Shore Drive Crossing (4'x4' box culvert) and continues for approximately 650 feet before it reaches the main portion of Lake Bradford. Runoff from Northhampton Boulevard, South Oliver Drive, and the Church Point and Thoroughgood neighborhoods drain to this finger. The Pleasure House Road finger of Lake Bradford begins just west of the Hollis and Pleasure House Road intersection. The finger continues downstream for approximately 825 feet before it reaches the main portion of Lake Bradford. Runoff from Hollis Road, Northhampton Boulevard, Shore Drive, and the Bradford Acres neighborhood drain to this finger

CHALLENGES & ISSUES

- No low-flow channel.
- Some areas have a steep slope and suffer from erosion.
- Flooding occurs at Shore Drive and Pleasure House Road near the two crossings during significant rainfall events.
- Flooding on these vital roadways can hinder emergency response during significant storm events.



SOLUTIONS

- Dredge 1,900-foot of ditches to Lake Bradford.
- Install bank stabilization measures.
- Restore ditches to the original drainage capacity.
- Reestablish the connection and low-flow channel to Lake Bradford.
- The improvements are intended to help mitigate the flooding near the Shore Drive crossing, Hollis Road outfall, and along Pleasure House Road however, additional improvements will be necessary.

