

**Gardy Millpond – Current Site Conditions Interim Repair Trench Option 1**

ITEM	TOTAL
Completed Interim Repair Cost	\$298,907.00
2026 Additional Project Cost	\$0.00



# HURT & PROFFITT

Gardy Millpond – Dam and Road Removal with Boat Launch Option 2

Project # 20250888

5/11/26

Engineer's Opinion of Probable Costs

ITEM	TOTAL
<b>E&amp;S Controls</b>	<b>\$43,600.00</b>
1 Construction Entrance	
2 Silt Fence	
3 Temporary Seeding	
4 Maintain E&S Controls	
5 Remove E&S Controls	
<b>Demolition</b>	<b>\$227,000.00</b>
1 Tree Clearing	
2 Remove Existing Primary Spillway	
3 Remove Existing Road from Site	
4 Remove Existing Box Culverts	
5 Remove Guardrail both sides	
6 Remove Existing Bridge	
<b>Embankment Improvements</b>	<b>\$731,000.00</b>
1 Fill Trench from Culvert Removal	
2 Fill Trench from Bridge Removal	
3 Grade Upstream/Downstream Slopes	
4 Seed Upstream Exposed Lake Area	
5 Boardwalk	
6 New Boat Ramp	
7 Stone Parking Lot	
<b>Other</b>	<b>\$72,000.00</b>
1 Construction Survey	
2 Materials Testing	
3 Mobilization/Demobilization (5% of Bid)	
<b>Subtotal</b>	<b>\$1,073,600.00</b>
<b>Contingencies</b>	<b>\$536,800.00</b>
<b>Opinion of Probable Construction Cost</b>	<b>\$1,610,400.00</b>
 <b>Engineering Costs</b>	 <b>\$232,300.00</b>
Topographic Survey	
Environmental Permitting (Wetland & SWPPP)	
Environmental Impact Report	
Geotechnical Services	
Cultural Resource Services (Phase I)	
Revise DCR Dam Safety Inundation Report & EAP	
Design	
Construction Admin & Inspection	
<b>2026 Opinion of Probable Total Project Cost</b>	<b>\$1,842,700.00</b>



ITEM	TOTAL
<b>E&amp;S Controls</b>	<b>\$242,500.00</b>
1 Construction Entrance	
2 Silt Fence	
3 Temporary Seeding	
4 Temporary Dewatering System	
5 Concrete Washout	
6 Maintain E&S Controls	
7 Remove E&S Controls	
<b>Demolition</b>	<b>\$132,800.00</b>
1 Tree Clearing	
2 Remove Topsoil from Site	
3 Remove Existing Road from Site	
4 Remove Guardrail both sides	
<b>Embankment Improvements</b>	<b>\$3,153,300.00</b>
1 Relocate Riprap from Temporary Repair	
2 Fill Trench from Temporary Repair	
3 Rough Grade Upstream/Downstream Slopes	
4 Grout Injection – Piping Repair Primary	
5 Overtopping Protection – HydroTurf CS	
6 Riprap Downstream Revetment – VDOT Class II	
7 HydroTurf – Anchor Trench	
8 Seepage Drain Piping	
9 Grading Preparation – HydroTurf	
10 New Stop Logs – Primary	
11 Primary Spillway Alterations	
12 New Emergency Spillway	
13 Sheet Pile Wall	
14 Site Restoration & Seeding	
<b>Other</b>	<b>\$220,200.00</b>
1 Construction Survey	
2 Materials Testing	
3 Staff Gauge	
4 Mobilization/Demobilization (5% of Bid)	
<b>Subtotal</b>	<b>\$3,748,800.00</b>
<b>Contingencies</b>	<b>\$1,874,400.00</b>
<b>Opinion of Probable Construction Cost</b>	<b>\$5,623,200.00</b>
<b>Engineering Costs</b>	<b>\$750,300.00</b>
Topographic Survey	
Environmental Permitting (Wetland & SWPPP)	
Environmental Impact Report	
Geotechnical Services	
Cultural Resource Services (Phase I)	
Revise DCR Dam Safety Inundation Report & EAP	
Design	
Construction Admin & Inspection	
<b>2026 Opinion of Probable Total Project Cost</b>	<b>\$6,373,500.00</b>

ITEM	TOTAL
<b>E&amp;S Controls</b>	<b>\$233,000.00</b>
1 Construction Entrance	
2 Silt Fence	
3 Temporary Seeding	
4 Temporary Dewatering System	
5 Concrete Washout	
6 Maintain E&S Controls	
7 Remove E&S Controls	
<b>Demolition</b>	<b>\$82,000.00</b>
1 Tree Clearing	
2 Remove Topsoil from Site	
3 Remove Existing Road from Site	
4 Remove Guardrail both sides	
<b>Embankment Improvements</b>	<b>\$3,981,000.00</b>
1 Relocate Riprap from Temporary Repair	
2 Fill Trench from Temporary Repair	
3 Fill Trench from Bridge Removal	
4 Rough Grade Upstream/Downstream Slopes	
5 Grout Injection – Piping Repair	
6 Overtopping Protection – HydroTurf CS	
7 Riprap Upstream Wave Erosion – VDOT Class I	
8 Riprap Downstream Revetment – VDOT Class II	
9 HydroTurf – Anchor Trench	
10 Seepage Drain Piping	
11 Grading Preparation – HydroTurf	
12 New Stop Logs - Primary	
13 New Stop Logs – Auxiliary	
14 Site Restoration & Seeding	
15 New Box Culverts for Emergency Spillway	
16 New Concrete Slab Weir Wall	
17 Sheet Pile Wall	
18 New Road	
19 New Guardrail Lake Side	
20 New Guardrail Non-Lake Bridge	
21 New Guardrail Terminal	
<b>Other</b>	<b>\$269,200.00</b>
1 Construction Survey	
2 Materials Testing	
3 Staff Gauge	
4 Mobilization/Demobilization (5% of Bid)	
<b>Subtotal</b>	<b>\$4,565,200.00</b>
<b>Contingencies</b>	<b>\$2,282,600.00</b>
<b>Opinion of Probable Construction Cost</b>	<b>\$6,847,800.00</b>
<b>Engineering Costs</b>	<b>\$872,700.00</b>
Topographic Survey	
Environmental Permitting (Wetland & SWPPP)	
Environmental Impact Report	
Geotechnical Services	
Cultural Resource Services (Phase I)	
Revise DCR Dam Safety Inundation Report & EAP	
Design	
Construction Admin & Inspection	
<b>2026 Opinion of Probable Total Project Cost</b>	<b>\$7,720,500.00</b>