



Thacker, Elizabeth <elizabeth.thacker@dnr.iowa.gov>

Notification of Damages - Maquoketa Caves stairway damage

1 message

Thacker, Elizabeth <elizabeth.thacker@dnr.iowa.gov> Mon, May 2, 2022 at 1:33 PM
 To: "Tammy A. Hollingsworth" <tammy.hollingsworth@aos.iowa.gov>, "Newton, Victoria [TOS]" <Victoria.Newton@tos.iowa.gov>
 Cc: "Arntzen, Sherry" <sherry.arntzen@dnr.iowa.gov>, Jessica Manken <jessica.manken@dnr.iowa.gov>, "Bryant, Kara" <kara.bryant@dnr.iowa.gov>, Nick Dellaca <nick.dellaca@dnr.iowa.gov>, Detra Dettmann <detra.dettmann@dnr.iowa.gov>

Hi Tammy and Victoria,

On Monday May 2, 2022 Park Staff found damage due to a wind event; an exact date is unknown many wind events this past week. This caused a large tree to fall on the boardwalk near Balanced Rock at Maquoketa Caves State Park. Approximately eight sections of boardwalk were damaged/destroyed including the metal supports. I have included the estimate and five photos of the damages.

Thanks and if you have any questions or concerns, please don't hesitate to ask.



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ELIZABETH THACKER • Guest Service and Reservation System Assistant

Parks, Forests, and Preserves Bureau
Iowa Department of Natural Resources
 c 515-444-9164

502 E 9th St. Des Moines, IA 50319



6 attachments



IMG-0589.jpg
3729K



IMG-0587.jpg
4291K



IMG-0586.jpg
4074K



IMG-0591.jpg
4213K



IMG-0581.jpg
6613K



21-06-49-04_EstimateofProbableCosts_AddendumTreeDamage.xls
35K

ESTIMATE OF PROBABLE COSTS

21-06-49-04

Maquoketa Caves State Park

Stair Fabrication and Installation (REBID)

5/5/2022

Ryan Richey, NCARB

Item No.	Description	Full Project				Executive Council (58% - Twin Arches Stair)		REAP O&M (24% - Middle Dance Hall Stair)		Executive Council (18% - Balanced Rock Stair)	
		Quantity	Unit	Unit Cost	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1	Stair Demolition, Cleaning, and Painting	1	LS	\$18,500.00	\$18,500.00	0.4	\$7,400.00	0.4	\$7,400.00	0.2	\$3,700.00
2	Balanced Rock Tree Removal	1	LS	\$2,000.00	\$2,000.00	0	\$0.00	0	\$0.00	1	\$2,000.00
3	Middle Dance Hall Stair Install	1	LS	\$15,000.00	\$15,000.00	0	\$0.00	1	\$15,000.00	0	\$0.00
4	Twin Arches Stair Fabrication	1	LS	\$28,500.00	\$28,500.00	1	\$28,500.00	0	\$0.00	0	\$0.00
5	Twin Arches Stair Install	1	LS	\$15,500.00	\$15,500.00	1	\$15,500.00	0	\$0.00	0	\$0.00
6	Balanced Rock Stair Fabrication	1	LS	\$28,500.00	\$28,500.00	0	\$0.00	0	\$0.00	1	\$28,500.00
7	Balanced Rock Stair Installation	1	LS	\$15,500.00	\$15,500.00	0	\$0.00	0	\$0.00	1	\$15,500.00
8	Treated Posts, Rails, Treads, and Risers	1	LS	\$22,500.00	\$22,500.00	0.8	\$18,000.00	0	\$0.00	0.2	\$4,500.00
9	Hardware and Accessory Items	1	LS	\$6,500.00	\$6,500.00	0.8	\$5,200.00	0	\$0.00	0.2	\$1,300.00
10	Mobilization	1	LS	\$1,500.00	\$1,500.00	0.4	\$600.00	0.3	\$450.00	0.3	\$450.00
				Total	\$154,000.00	Subtotal	\$75,200.00	Subtotal	\$22,850.00	Subtotal	\$55,950.00
						R500-UP June 2019 damage		R110-A2		R500-UQ May 2022 damage	







