

James Makepeace, P.E.  
Makepeace Engineering LLC  
200 Mason Street #3  
Onalaska, WI 54650

September 28, 2021

Proposal for Engineering Services for:

**Flood Study  
Arch of Nature Monument  
La Crosse, Wisconsin**

Jim Flottmeyer  
Project Specialist  
Parks, Forestry, Building & Grounds  
City of La Crosse  
400 La Crosse Street  
La Crosse, WI 54601

Mr. Flottmeyer,

I am grateful for the opportunity to provide you with this proposal for professional engineering services for your Arch of Nature project in La Crosse, Wisconsin.

I understand the City would like to erect a monument within the mapped floodplain/floodway of the Mississippi River. In order to do so, the City must demonstrate that the monument will not raise the Base Flood Elevation.

Having completed similar flood studies within the Mississippi River floodway, I'm confident the flood modeling will show no impact to the floodway.

Scope of Services

Makepeace Engineering use HEC-RAS and topographic surveying to complete the calculations to support the flood stud. HEC-RAS was developed by the Army Corps of Engineers and is the standard for such calculations.

Fee

We propose a fee of **\$2,000.00** plus reimbursement of permit fees.

I am extremely grateful for the opportunity to work with you and I look forward to a successful project.

Sincerely,  
James Makepeace, P.E.

To indicate approval, please sign below and return to Makepeace Engineering LLC.

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date