

# CREST LAKE PARK SCULPTURE PROPOSAL

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## DONALD GIALANELLA

*"I think I could turn and live with the animals, they are so placid and self contained;  
I stand and look at them long and long."*

*~ Walt Whitman*

Dear Crest Lake Park Selection Committee Members,

Thank you for granting me this exciting opportunity to create iconic animal sculptures for the Crest Lake Park Discovery trail.

My proposal for the site consists of 5 medium sized (4' - 7' in diameter) freestanding stainless steel sculptures integrated into the landscape that depict animals indigenous to the lake biome.

The sculptures include a dragonfly, frog, fish, moorhen, and spider. They are all animals which can be seen in the park and represent a diverse cross section of species - an insect, an amphibian, a fish, a waterbird, and an arachnid.

The sculptures are stylistically linked by a unifying design made up of a series of strategically joined laser cut stainless steel profile shapes. These shapes fit together by intersecting each other at perpendicular angles that in their final form describe fully dimensional, representational sculptures. They are accented with various stainless found objects to refine the eyes and other features.

This unique construction will appeal to children and adults alike. Children may see them as giant toy puzzles, while adults will marvel at the architectural intricate designs.

The strategically placed sculptures will be a touchstone for the hikers, visitors and community members who use and enjoy Crest Lake Park. The animal sculptures will make walking the loop an experience by offering a new exciting work of art at various points in the journey along the Discovery trail.

The sculptures will be built entirely of 316 marine grade stainless and welded using precise technology and sound fabrication methods. The stainless will not corrode or oxidize, being virtually impervious to weathering. The sculptures will require little maintenance aside from an occasional cleaning and be incredibly strong, durable and weather-proof.

Following are concept renderings and 360 degree virtual animations of two of the five proposed sculptures. The remaining three will be similar in style and construction.



Dragonfly concept images

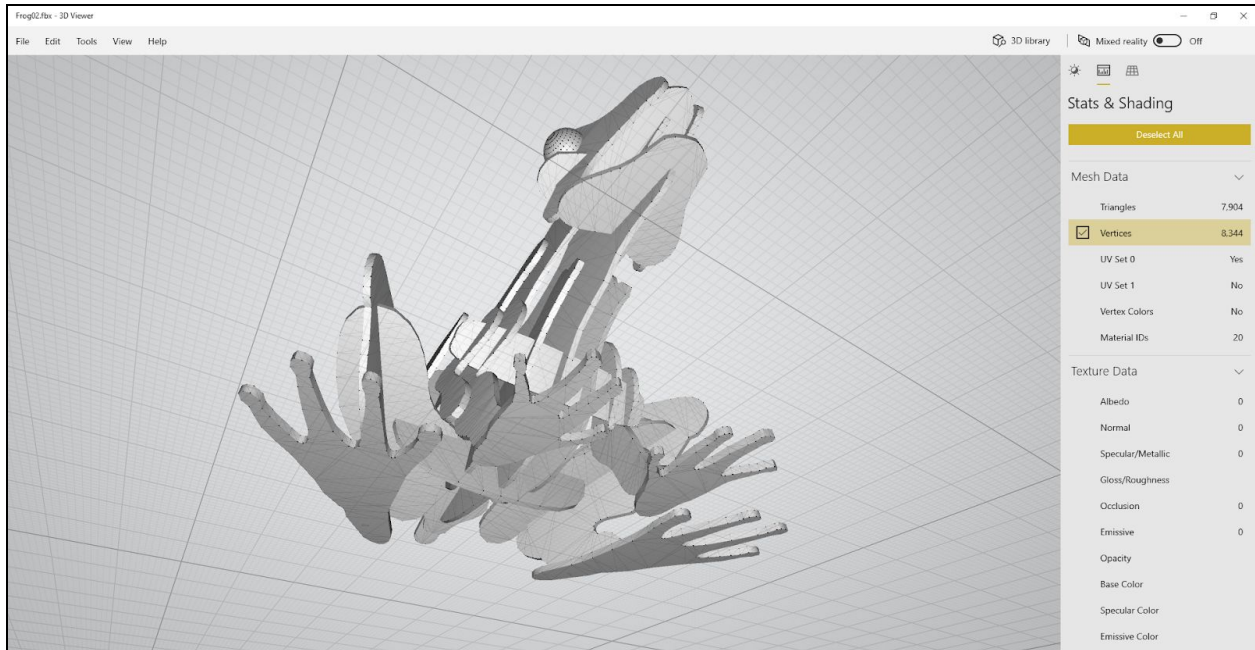
The silhouetted figure above represents a person of average height in relation to the proposed size of the sculpture. See the dragonfly animation [here](#).



Frog concept image

See the Frog animation [here](#).





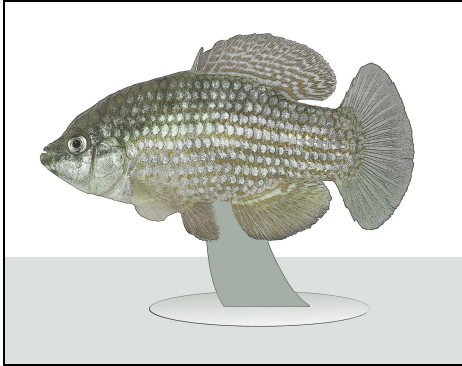
Above is a still frame of the frog sculpture in 3D CAD, a three-dimensional computer-aided design program. This technology for design and technical documentation replaces manual drafting with an automated process. Used by architects, engineers, and other professionals, 3D CAD software precisely represents and visualizes objects using a collection of points in three dimensions on the computer which can then be exported for instructions to a laser cutter to precisely cut the pieces out in steel.

Cut and paste url's of concept animations

Dragonfly animation [https://youtu.be/1\\_AXI7xoFNA](https://youtu.be/1_AXI7xoFNA)

Frog animation <https://youtu.be/4nbICRIwjuw>

## List of animals



**Flagfish, *Jordanella floridae***

One of three freshwater species native only to Florida



**Great Blue Skimmer Dragonfly, *Libellula vibrans***

Largest Florida skimmer



**Six-spotted Fishing Spider, *Dolomedes triton***

Named after the mythological Greek god Triton who is the son of Poseidon. These spiders can be seen scampering along the water's surface



**Florida Cricket Frog, *Acris gryllus***

Found throughout the state, it's call sounds like two marbles clicking together -  
*gick-gick-gick-gick-gick*



**Moorhen, *Gallinule galeata***

Named for its chicken-like looks and the wetlands where it is found. A common sight in Crest Lake Park

**Details**

**Timeline**

Construction of the sculptures will take place in my St Petersburg, FL studio and the laser cutting of the many stainless profiles will take place at a locally based company in Largo. The fabrication process will take approx. 3 months. This timeline begins when funding is received to purchase materials.

**Fabrication**

The sculptures will be designed in virtual space as 3D objects enabling me to refine and fine tune the forms before being laser cut out of marine grade stainless steel. The precision made pieces will fit together seamlessly and permanently TIG welded to create contiguous, structurally integral sculptures.

**Size & Weight**

Dimensions of each sculpture will vary between 4' tall for the moorhen, and up to 7' in diameter for the spider. Each will weigh approx. 100 - 250 lbs.

## **Installation**

The sculptures will be delivered by truck. They will require a small crew to position and install with stainless wedge anchor bolts into ground level concrete pads. An informational plaque can be installed near each sculpture that tells about the animal.

## **Safety**

The safety and well-being of visitors is the fundamental priority when designing these pieces. To ensure the highest level of safety, all construction will be secure and permanent with no sharp edges or loose parts. They will be stable, durable and safe for human interaction.

## **Maintenance**

The sculptures will require minimal maintenance to remove leaves and bird droppings. Every few years the surface of the sculptures may need to be pressure washed to maintain their original appearance.

## **Publicity**

A short video, The Making of the Crest Lake Park Sculptures, will document the entire creative process and can be used to share the process on local TV and social media platforms.

## **Miscellaneous**

The commissioning body will be responsible for installing informational signage if desired, and for obtaining the proper permits and pouring the concrete sculpture pads up to code. If nighttime lighting is needed that will fall outside the commission budget.

## **Budget estimate**

### **Materials**

Stainless steel 316 marine grade 10g plate	9,000
316 stainless steel reinforcing plates/anchor bolts	700
Welding wire/argon gas	250

Subtotal	9,950
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### **Labor**

Laser cutting	10,500
Digital image file creation	6,500
Structural engineering	2,500
Fabrication	15,000



Subtotal	34,500
Other costs	
Artist's fee	15,000
Insurance	1,150
Shipping of finished work to installation site	400
Installation	900
Subtotal	17,450
Total requested budget	61,900

Requested to be paid in three equal installments at the following milestones,

1. Deposit to begin work upon contract signing
2. Upon 50% completion of sculptures
3. Balance upon delivery and installation

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