



Norman H. Bangertter  
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Dee C. Hansen  
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Jerry A Miller  
Division Director

# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF PARKS AND RECREATION

1636 West North Temple, Suite 116  
Salt Lake City, Utah 84116-3156  
801-538-7220

April 2, 1989

James H. Madsen, Jr./Dinolab  
13595 South 3340 East  
Salt lake City, Utah

*F.O. Box 9415  
84109-0415*

Dear Jim:

Enclosed are copies of our correspondence with Murdock at Las Vegas and with James King of the Carnegie Museum. As you can tell the Carnegie Museum is somewhat hesitant about agreeing to the reproduction of more than two copies of the Diplodocus. Since Las Vegas is no longer interested in obtaining a copy or making new molds, we are in a quandary about how to proceed with our renovation. At this time we don't have any funds available for remodeling the skeleton, but we might be able to receive some through the renovation budget in the future. Since our plan is to move the cement skeleton indoors fairly soon, any remodeling should probably be done prior to that move.

Perhaps if you would communicate with King, he might be amenable to further reproduction of the casts particularly as replacement parts for the ten already on display. The Royal Museum of Scotland is also very interested in obtaining a complete skeleton (see included letter).

I suppose this is putting the ball in your court. We don't have the facilities or the expertise to duplicate the beast ourselves, so you would certainly be our best alternative.

Sincerely,

Sue Ann Bilbey, Curator  
Utah Field House of Natural History  
State Park  
235 East Main  
Vernal, Utah 84078  
(801)789-3799

*Alldred  
Personnel  
request for the  
Army for the  
delay*

Contract No. \_\_\_\_\_

COOPERATIVE AGREEMENT  
between  
LAS VEGAS MUSEUM OF NATURAL HISTORY  
and  
UTAH DIVISION OF PARKS AND RECREATION

Operations and Maintenance

Utah Field House of Natural History

WHEREAS the Las Vegas Museum of Natural History, 3700 Las Vegas Boulevard, Las Vegas, Nevada, 89109, is desirous of acquiring a replica of the Diplodocus skeleton at the Utah Field House of Natural History State Park, 235 East Main Street, Vernal, Utah, 84078,

NOW, THEREFORE, the Utah Division of Parks and Recreation, hereafter called the "Division," and Las Vegas Museum of Natural History, hereafter called "Contractor," in consideration of the following, agree as follows:

The Division agrees to

- (1) Allow the Contractor to disassemble the cement replica of the Diplodocus skeleton at Vernal and transport it to Las Vegas, Nevada, for the purpose of making molds of the skeleton and a replica for the Contractor. All expenses related to this activity shall be borne by the Contractor.

Contractor agrees to

- (1) Make a new ultraviolet, light-resistant fiberglass replica of the Diplodocus skeleton; transport it to Vernal, Utah; and, using contemporary assembly methods, assemble it in a pose based on currently accepted scientific information at the Utah Field House of Natural History.
- (2) Return the disassembled cement cast to the Utah Field House.
- (3) Ownership of the molds remaining with the Utah Field House.
- (4) Store the molds at the Las Vegas Museum of Natural History or another locality, approved in writing by the Division, for the foreseeable future at no cost to the Division.
- (5) Distribution of the replicas of the skeleton, limiting it to the Las Vegas Museum of Natural History and the Utah Field House of Natural History.
- (6) Cast new ultraviolet, light-resistant fiberglass replicas, which shall be as high a quality as possible. Any defects in casting shall be corrected or recast by the Contractor. Defective casting shall be destroyed by the Contractor.

Cooperative Agreement  
Las Vegas Museum of Natural History  
Page 2

- (7) Obtain written permission from both the Utah Field House and Carnegie Museum before replicating the Diplodocus skeleton or parts thereof in addition to the two replicas already specified.
- (8) Make notation on labels of Las Vegas Diplodocus replica that it was prepared in cooperation with the Utah Field House of Natural History of Vernal, Utah, and the Carnegie Museum of Natural History of Pittsburgh, Pennsylvania.
- (9) Provide all labor, travel expenses, transportation costs, materials and equipment required to complete this agreement.
- (10) Hold the Division, its director and staff harmless from any and all claims for damage to property or persons, resulting from any act or acts of the Contractor, his agents and employees, and, for this purpose, carry adequate public liability insurance.
- (11) Provide adequate insurance to repair, replace, etc., any portion or the entire cement replica or ultraviolet, light-resistant fiberglass replica in the event of damage due to accident during the removal, transporting, returning and assembling period of this agreement.
- (12) The fact that the laws of the State of Utah and the rules and regulations issued pursuant thereto shall be applied in the interpretation, execution and enforcement of this agreement. Any provision rendered null and void by the operation of this provision shall not invalidate the remainder of this agreement to the extent that the agreement is capable of execution.
- (13) At all times during the performance of this agreement, strictly adhere to all applicable federal and state laws, rules and regulations that have been, or may hereafter be, established.
- (14) The statement by Contractor and other signatories that, to their knowledge, no Division employee has a personal or beneficial interest whatsoever in the service or property described herein.
- (15) The fact that, notwithstanding any other provision contained herein, the Division of Parks and Recreation shall have the right to collect use fees in the amount determined by the Park Board for public use of facilities provided.
- (16) The fact that the Contractor shall be deemed an independent contractor and not an employee or agent of the Division of Parks and Recreation for the purpose of this agreement. Contractor shall have no authority to bind the other parties in any agreement or liability.
- (17) Complete the work by June 30, 1988.

IN WITNESS THEREOF, the parties have signed this agreement as of  
March 8, 1988.

APPROVED AS TO  
AVAILABILITY OF FUNDS:

\_\_\_\_\_  
Accounting Officer  
Division of Parks & Recreation

APPROVED FOR EXPENDITURE:

\_\_\_\_\_  
Director of Finance

LAS VEGAS MUSEUM OF NATURAL HISTORY

\_\_\_\_\_  
Title: \_\_\_\_\_

\_\_\_\_\_  
Please type/print name clearly

DIVISION OF PARKS AND RECREATION

\_\_\_\_\_  
Director  
Division of Parks & Recreation

RECOMMENDED FOR APPROVAL

By \_\_\_\_\_  
Park Superintendent  
Utah Field House of Natural History

RECOMMENDED FOR APPROVAL

By \_\_\_\_\_  
Administrative Assistant

\_\_\_\_\_  
Date

LAS VEGAS  
MUSEUM  
OF NATURAL HISTORY



January 28, 1988

UTAH FIELD HOUSE OF NATURAL HISTORY  
Alven Hamblin  
235 E. Main  
Vernal, UT 84078

Dear Mr. Hamblin,

After our conversation January 26, I am very excited about the opportunity to mold and cast a diplodocus. It has been all too many years since this fine specimen has been available to museums.

My proposal to you is that the Las Vegas Museum of Natural History come up, dismantle the diplodocus, transport it to our laboratory in Las Vegas, construct molds, and cast it in ultraviolet retardent fiberglass. We would then remount the fiberglass cast at your location.

We would like to start the dismantling in February and anticipate finishing your model by June.

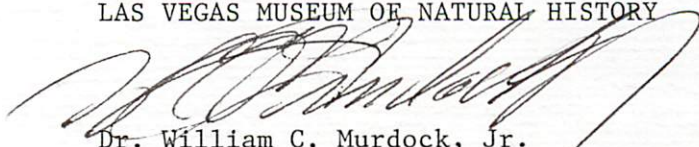
In return, the Las Vegas Museum will retain the old cement model and the new molds with permission to cast additional models at cost plus ten percent.

I will be calling you within the next few days to check on the progress. I feel that this will be a tremendous benefit to your museum, my museum, and the museums around the world.

Thank you very much.

Sincerely,

LAS VEGAS MUSEUM OF NATURAL HISTORY



Dr. William C. Murdock, Jr.  
Director

ON VIA (185-1) 10-11-11  
10-11-11  
10-11-11



12 June 1989

Alden Hamblin  
Utah Field House of Natural History State Park  
235 East Main  
Vernal, UT 84078

Dear Alden:

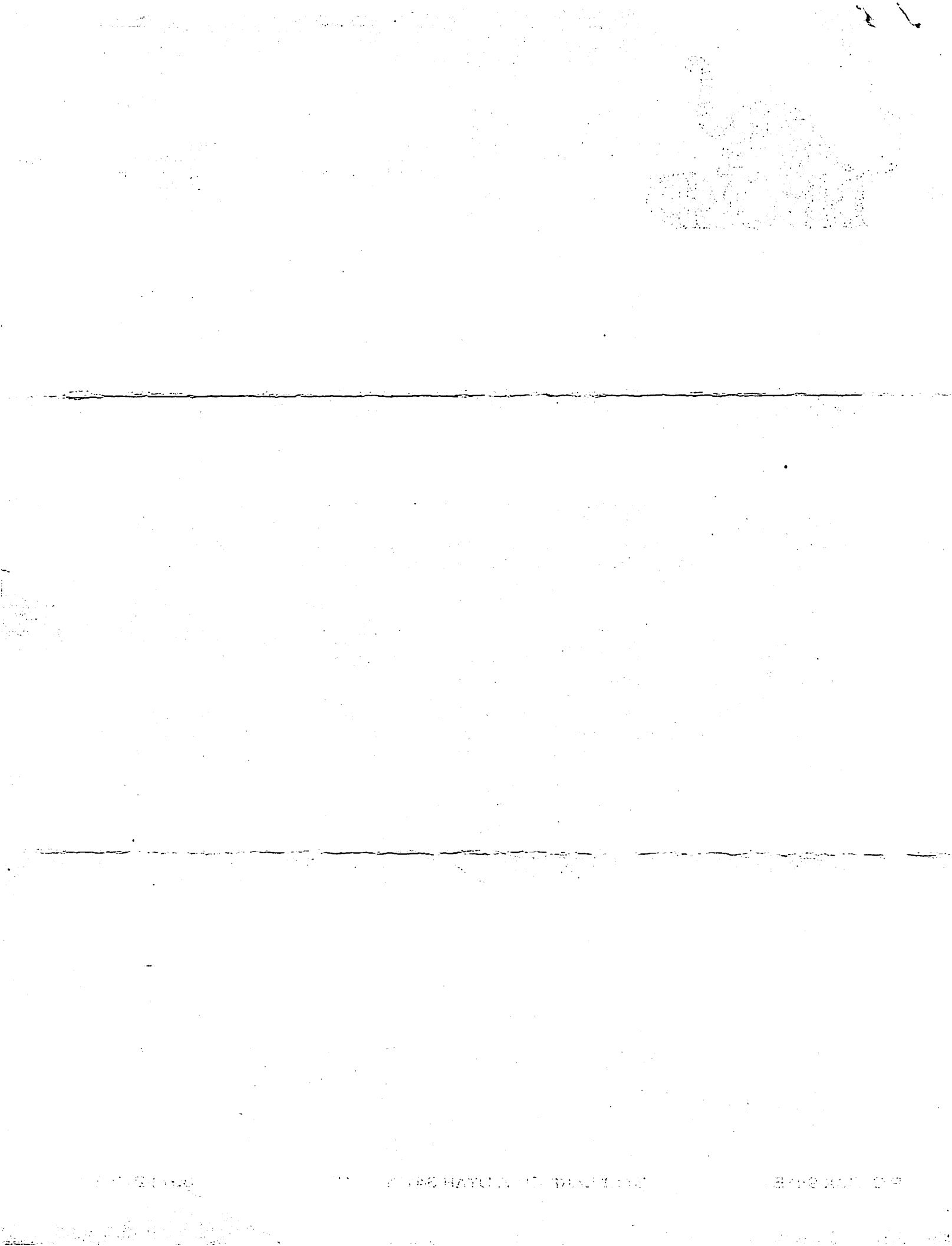
Here is my lawyers impression of the project agreement. We are into the work with gusto and as we expected there is a lot more than was apparent to clean, stabilize, and repair the old casts. The damage due to weathering is subtle and extensive - our timing is just right. Another winter like the last one could have really compounded the problems.

What was the performance bond amount required by the state? I want to take care of that as soon as practical and anything else you might suggest.

I'll fill you in as we develop a routine. We have had best results in removing debris and old paint with a combination of wire brushes and high pressure water. Some fun.

Sincerely,

James H. Madsen Jr.







THE CARNEGIE  
MUSEUM OF  
NATURAL HISTORY

James E. King  
Director

February 23, 1988

Dr. Alden Hamblin, Director  
Vernal Field House of Natural History  
235 East Main Street  
Vernal, Utah 84078

Dear Dr. Hamblin:

As you know, the cast of Diplodocus that is owned by the Vernal Field House was made from molds of the original specimen that were supplied by the Carnegie Museum in 1952. At that time it was our expectation that the Field House would cast replicas for their use and possibly the National Park Service. The molds were deteriorating and we did not consider that anyone 35 years later would want to re-cast your cast.

In the early days of this century, the Carnegie Museum produced 10 casts of Diplodocus that were sent to major museums throughout the world. Your cement cast is known as number 11 and is a major attraction for the Field House.

It is the desire of the Carnegie Museum that the new cast be of as high a quality as possible and that replicate specimens be limited in distribution. At present the distribution should be limited to the Las Vegas Museum and the Vernal Field House. I have discussed this with Dr. Murdock, Director of the Las Vegas Museum. He wishes to retain the new molds at his facility but has agreed to consult with the Field House and the Carnegie Museum before additional casts are produced or distributed. Dr. Murdock indicated to me that his interest is only to acquire a copy for his museum and in return he will supply you with a new fiberglass cast to replace the aging cement one.

The labels on these specimens should carry a notation that they were prepared in cooperation with the Vernal Field House and that the original of this specimen is in The Carnegie Museum of Natural History, Pittsburgh.

Alden Hamblin  
February 23, 1988  
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Please acknowledge this letter so that our files show what has transpired. I am sending a copy to Mr. Murdock for his acknowledgment as well.

We at The Carnegie Museum of Natural History are delighted that the Field House will be getting a new specimen of Diplodocus. We wish both the Field House and the Las Vegas Museum success in this project.

Sincerely,



James E. King  
Director

/arn

cc: Dr. Lucky Murdock, Director, Las Vegas Museum  
3700 Las Vegas Blvd., Las Vegas, Nevada 89109