

Contract No. 002-029
"North Dakota 4-H Camp"
Submitted by North Dakota 4-H Foundation
Principal Investigator: Adrian Biewer
Directive D

PARTICIPANTS

Sponsor	Cost Share	
North Dakota 4-H Foundation	<u>\$ 1,050</u>	
Subtotal Cash Cost Share		\$1,050
North Dakota 4-H Foundation	<u>\$ 3,855</u>	
Subtotal In-Kind Cost Share		\$3,855 (in-kind)
North Dakota Industrial Commission	<u>\$18,768</u>	
Total Project Cost	\$23,763	

Project Schedule – 12 months
Contract Date – 10/13/14
Start Date - 5/14
Completion Date – 8/31/15

Project Deliverables:
Status Report: September 30, 2014 ✓
Status Report: June 30, 2015 ✓
Final Report: August 31, 2015 ✓

OBJECTIVE/STATEMENT OF WORK:

This project will provide the following at the North Dakota 4-H Campgrounds:

- 3 native and butterfly gardens,
- Improvements to the Inspiration area (campfire ring, shingles for chapel, benches), and
- 1.5 miles of walking trails.

STATUS:

Contract has been signed.

10/20/14 - This project is expected to be completed in May of 2015

6/30/15 - Status Report received. It has been a difficult spring to coordinate volunteer efforts as the weather has challenged us on the weekends that were available. We purchased the bulk of material for the project in April with an arrival date before our camp improvement days. We were fortunate in receiving a substantial discount on the initial order that has allowed us to buy more than we anticipated.

Inspiration Area - The camp added a campfire site to the area near the area of inspiration. The ring and site preparation took place late last fall and was accomplished by our maintenance person. This was accomplished in two hours. The bench frames were built off site by staff in April and the benches were completed on site on May 10 and May 28 by 4 volunteers and staff. Time to put together the benches was 42 hours. The inspiration meeting site roof shingling has not been completed yet due to delay in shipping of materials.

Walking Trails - We mulched the main walking trails along the Missouri River on May 20-21 with the help of 12 volunteers and 7 extension staff along with a bobcat. The upper trail along our ravine was mulched on June 12 also with the help of staff and volunteers. Site prep and application was completed by volunteers and staff. Work hours were 96 hours.

Garden Plan - NRCS was contacted to develop a plan for the native plant and butterfly gardens in April. The final plan was accepted and initiated on May 8 by our camp development committee. The 40' by 157' terrace by the area of inspiration was sprayed by our maintenance person as instructed by the NRCS plan and the wall for soil retention was designed and marked out by extension staff. This was completed in 12 hours. We will go over our in-kind match hours especially with the garden.

The wall construction will be complete this week. However, planting is still in progress (June 28) but should be done in the first weeks of July. The site will have small trees for birds and nesting. We are using native plants of the upper Midwest which include species that pollinate at different times to provide our butterflies and other species of pollinators a timed prolonged source of food. We have constructed four butterfly houses to place near the garden area. The main garden site will include a paver walking trail through it and benches to sit and do observations.

10/21/2015 - Final Report received. Photos along with narrative are posted on the website. The narrative in the final report states:

Garden Plan

Since the earlier report, the native plant garden has been planted, mulched and the retaining wall built. We have put some soil fill in the retaining wall area to complete the landscape. We invited a group of 4-H clubs to help us put in the plants and lay the landscape cloth for the main garden area. This took the group about six hours. The trees were planted by a Morton County agent, a state specialist, and a volunteer marine lance corporal (former camper) in four hours. They also mulched the main part of the garden and watered all the plants in about another two hours. Campers at our Great Outdoors camp week placed butterfly houses in the garden.

The retaining wall was built in four hours and filled during our fall camp close up by five extension staff and a bobcat. It will be necessary to let this settle until spring to finish filling and mulching it. A modest estimate of a total of \$1370 worth of in-kind labor to construct the garden.

A photo of the garden is posted on the website. Some minor dirt work and grass seeding remains in the front of the wall for spring of 2016. The ends of the native plant garden will be cultivated and a broadcast of native plant seed will be put into each end of the remaining garden area. This is not part of the plant funded by OHF.

A photo of the overview of the inspiration area is posted on the website. It shows the native plant area, meeting site, and campfire ring. Thanks to funding provided by the Outdoor Heritage Grant it comes together as an attractive gathering area for enjoying the outdoors at the camp. We are developing a lesson packet for youth natural resource lessons about pollinators and native plant identification to go with the site.

As this project relates to the Outdoor Heritage Fund, it is now completed.

Updated 11/4/2015