

EAGLE PROJECT

TROOP 1185

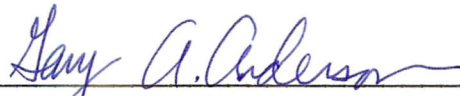
JASON GRIFFITH

519 NORTH CHERI LYNN

CHANDLER, ARIZONA 85224

EAGLE PROJECT

The eagle project consisted of the repair and painting of the old locomotive in the park at Buffalo and Delaware in Chandler, Arizona. The project was to benefit the residents of the city of Chandler by making it more pleasing to the eye while at the same time perserving the train in its present state. The project was started May 5, 1982 and ended on October 16, 1982. Total man hours put into the project was 208 hours not including planning and meetings.



Gary Anderson,
Manager of Parks and Recreation,
Chandler, Arizona



CITY OF CHANDLER
100 E. Buffalo St.
Chandler, Arizona 85224

Gary A. Anderson
Parks and Recreation Director

Phone: (602) 899-9727

ACKNOWLEDGEMENTS

This eagle project would not have been possible without the help of these boys who worked long hours with dedication.

0. Jared Smith-
1. Paul Barnes - second class.
2. Lee Shoemaker - first class.
3. Troy Crawford - tenderfoot.
4. Brent T. Griffith - Life rank.
5. Eric Folks - Life rank.
6. David Steel - Life rank.

OUTLINE

I. Preliminary Planning.

A. Approval from city.

1. Mr. Anderson, Manager of Parks and Recreation.
2. Approval of project from Troup Committee.

B. Inspection of train.

1. Equipment needed.

II. Train Preparation.

A. Washing down.

1. Fire Department.

B. Minor Repair and primer coat.

1. Tools used.
2. Police involvement.
3. Chandler news release.

III. Project.

A. First coat.

1. Inadequate spray painter.
2. City spray painter and generator.

B. Wrong paint (start over).

1. Order new gloss paint.

C. First coat (gloss paint).

1. Second coat.

D. Finishing and painting numbers.

IV. Closing.

A. Recreation.

1. Lunch
2. Water balloon fights.

IV. Closing cont.

- B. Getting boys to work.
- C. Total hours.
- D. Total paint.
- E. Date of completion.
- F. Award from City Council.
 - 1. Speech by mayor.



EAGLE PROJECT

My idea for an eagle project was the painting of an old locomotive which was located in my city which would include total restoration.

The first thing I had to do was contact a Mr. Gary Anderson head of Parks and Recreation of the city of Chandler, Arizona. After his approval of the proposed project we made an appointment with the Scout Committee on 5-5-82.

After the go ahead from the Scout Committee I set a date with Mr. Anderson for an inspection of the old train engine. When we looked at it we knew there was more than just painting it. Scraping and priming large areas of metal, bending down metal objects that were a hazard to children had to be done first. Mr. Anderson decided that we should start out with ten gallons of primer and fifteen gallons of flat black paint and order more as we needed it.

Before the train could be worked on, it needed to be washed down and cleaned. After making arrangements with the fire department, we met at the appointed time. Every thing went wrong! The nearest fire hydrant was dry and there was not enough water in the fire truck to wash the train down. The firemen were hungry and asked for another appointment when they were called away on an alarm. I did not expect such a big disappointment for the first day. I decided that I was going to have to wash the train down myself. Gathering hoses from the boys in my scout



troop that were going to help me, we went out and washed the train off by ourselves. Mr. Anderson gave me a water key for a water faucet and a key to the nearby Recreation Center where we could keep our equipment.

Repairing the train included priming large rusted areas. After scraping them with a wire brush, we would paint the primer on the rusted areas. It also included bending dangerous metal strips that children might get hurt on.



The use of tools were important. The tools we used were 2 hammers, 3 screw drivers, pliers, 3 wire brushes, 3 paint brushes.

During the repairing activities, concerned citizens were not aware of why there were a bunch of boys banging away on the neglected locomotive and called the police. In fact they called them three times until we decided to make a press release. The Chandler Arizonan carried the article.



Reporter Sunny Weathers of the Chandler Arizonan





First coat of flat black with city generator and paint sprayer. Grandpa supervising.

Finally the train was ready to paint. The first coat was flat black, although we did not get very far with a barrowed old paint sprayer. We then asked the city maintenance man if we could barrow the city's generator and paint sprayer which he arranged for. After we completed the first coat of flat black, myself and Mr. Anderson agreed that it was not the right color of black. He, therefore, ordered gloss black, and in a few days, we repainted the first coat. The next week we completed the second coat of the new black paint. A couple weeks later my scout helpers and I finished by painting the numbers and letters on the sides of the train.

During the course of work I and the boys would take lunch breaks and have punch and donnuts that my mom brought. Every few days after work we would bring water balloons and fill them up with the water key Mr. Anderson gave to me and have water balloon fights around and on the old locomotive, being sure to pick up all the water balloons. This provided great fun for the scouts. It was a challenge to keep the boys working. I tried several things. For example I would put a faster working boy with a slower boy.

The total hours put in were 208 not including planning and meetings with Mr. Anderson.

Total gallons of paint was 15 gallons of flat black, 15 gallons of gloss black, and 5 gallons of primer.

Date of completion was October 20, 1982.

The following page is the speech given by the mayor of Chandler at a City Council meeting. I was given a plaque by the City Council from the city of Chandler.

Personal Cost

4 wire scrapers	\$ 5.00
emeral cloth	2.60
4 paint brushs	6.00
2 hand sanders	4.78
food	23.00
paint thinner	12.00
6 face masks	3.00
gas	<u>6.00</u>
TOTAL	\$62.00

"Last Spring, student Jason Griffith approached Chandler Jr. High Vice-Principal, who is also Council Member Coy Payne, and asked for ideas for an Eagle Scout Project. They discussed a number of ideas, and jointly came up with the concept of re-painting the Armstrong locomotive. Jason then contacted Parks and Recreation Director, Gary Anderson. They discussed the project, which soon grew from a simple re-painting, to scraping and sanding rust spots, priming, and repainting the locomotive.

Jason actually began preparation work in May, and progressed well before the end of the school year. He contacted the Fire Department and a crew from the Fire Department sprayed dirt and loose objects off the locomotive prior to his scraping. Upon completion of scraping, he primed the bare steel. Three separate times the police were called by nearby residents thinking that Jason and his assistants were vandalizing the train.

Parks employees were instructed to give him assistance by providing the city's spray unit and a ladder. After completion of spraying one side of the train a flat black, we discovered that this paint tone was not acceptable. We tested flat, semi-gloss, and high-gloss paints on the locomotive to make sure it looked good. Finally selected and purchased by the city was high-gloss paint, Jason was allowed to proceed.

One detail needs to be completed. Scheduled for Saturday, October 23, is to paint the "Southern Pacific" letters and the locomotive numbers. We had some question as to the size and style of the letters and numbers, however, Jason is now assembling the stencil. The entire project will be completed October 23.

Had this work not been done by Scout Jason Griffith, it would be a long time coming before city crews could do the job. There would be expense in not only materials (which were provided by the city), but also substantial expense in labor. As a matter of fact the train had not been re-painted since 1973 at a cost then of \$8,423.50.

Our sincere appreciation to Jason, and best of luck to him for continued success in the future."

Mayor Jim Patterson 1982