

Friends of the C&TS Railroad

2012 Team Leader Reports



Three Track Covered Car Shelter

Antonito, CO

i & ii **Table of Content**

iii **Introduction**

Page	Job #	Title
1	0200	– Site Leader Report
3	0210	– Work Session Registration
6	0220	– Membership Promotion
7	0222	– Friends Merchandise Sales
8	0230	– Food Preparation - Chama
11	0231	– Food Preparation - Antonito
13	0240	– Chama Tool Car Operation
14	0241	– Nail & Bolt Car Operation
16	0246	– Paint & Paint Supply Leader
21	0250	– Chama Carpentry Shop – 344.050
24	0270	– Equipment Preparation
25	0290	– Equipment & Material Loading
26	0294	– Hauling & Vehicle Operation
27	0310	– Safety Coordination
28	0700	– Landscaping Chama Yard
32	0701	– Landscaping CRF - Antonito
34	0710	– Right-of-Way Tree Trimming & Brush Control
36	0720	– Freight Car & Rolling Stock Painting – Session B
41	0720	– Freight Car & Rolling Stock Painting – Session F
54	0730	– Freight Car & Rolling Stock Lettering - Chama
55	0732	– Freight Car & Rolling Stock Lettering – Antonito
60	0740	– Wood Preservative Treatment
61	0750	– Mile Post & Whistle Board Maintenance
62	0760	– Chama Station Repairs (glass, doors & casings.)
64	0770	– Project Discovery
65	0780	– Maintenance of Wheels, Brakes & Safety Appliances
69	0790	– Sheep Pen & Railroad Property Mowing – 344.500
70	1003	– Cook Car 053 Restoration
72	1004	– Restore RPO X54 as RPO 54
76	1005	– Plan Car Inspector’s House – Cumbres – 330.640
77	1006	– Car Inspector’s House Outbuildings Reconstruction – Cumbres – 330.640
78	1007	– Pump House Restoration – Cumbres – 330.602
79	1017	– Coal Tipple Restoration – 330.602
83	1026	– Restoration of MOW Derrick OP
87	1033	– Section House Repairs – Osier – 318.360
88	1061	– Yard Floodlight Installation – Antonito
89	1080	– Restoration of Stock Car #5995
90	1089	– Repairs to Sheep Stock Car #5633
92	1099	– Pole Barn Construction
97	1113	– Rebuild Gondola #9558 - Chama
99	1117	– Install Pole Barn Storage Tracks
101	1118	– Restore Frameless Tank Car – Antonito
103	1122	– Repair of car 3669

105 1143 – OM Rotary Display
107 1154 – Show Shed Header Repairs – Cumbres – 330.602
109 1155 – Section House Siding – Cumbres – 330.700
110 1160 – Paint Display Train – Antonito
111 1162 – Rebuild Drop Bottom Gondola #783
112 1164 – Lava Pump House Area Cleanup – 291.601
113 1163 – Construct Elevated Storage Area – CRF - Antonito
114 1167 – “Box” 3 High Value Cars
115 1166 – Water Tank Leg Repair (Commission Project)
117 1168 – Convert Box Car #3585 to New Tool Car
119 1169 – Landscaping Entry Drive along Display Train – Antonito
120 1182 – Repair Station Loading Dock – Chama – 344.140
123 1185 – Repair Long Reefer #163
125 1186 – Cosmetically Restore Engine #483 – Chama
129 1188 – Install HDTV Camera System
130 1205 – Assist in setup of Cumbres Pavilion – 330.602

2012 Work Session Projects

In Service to the C&TSRR

Friends of the Cumbres and Toltec Scenic Railroad

The Friends supported 6 week long work sessions during 2012, completed in Chama NM, Antonito Colorado, along the C&TSRR mainline. The Colorado Springs work group continued work on the Immigrant Sleeper car #470, with twice a month scheduled sessions. While not a part of the Project Committee's work, recognition should be extended to the large number of volunteers working behind the scenes preparing grant applications, writing software programs, traveling to planning sessions - all in support of the Friends restoration mission.

We organized a special winter project in Antonito at the request of the Railroad to re-deck the 463 Tender. This project generated lots of support from the membership. We are also supporting a week long fall work session. These 2 special Antonito work sessions enabled us to utilize our Car Repair Facility during inclement weather.

Valuable work was performed on a wide variety of RR and Friends assets, making significant progress on all items. Important mileposts this year include the Chama Coal Tipple - all leaning corrective work has been completed. RPO 54 advanced significantly - the roof canvas has been laid and the special 50 year Pullman green paint has begun to go on. The skyline in Antonito is experiencing a dramatic change as the car shelter takes shape. All trusses and a large number of roof purlins were set this May and June. When completed this 3 track facility should be capable of housing 15 to 18 cars.

Project Committee members have provided important assistance developing the Friends Interactive Data Online (FIDO) system. When completed this program will provide a searchable data base of past years project work and will simplify the planning process for future work.

Work hours donated by our volunteers during the 6 regular work sessions total 12,659, The Colorado Springs group added 850 hours. Total 13,509 hours. Using standard data of \$20.00 per hour, the Friends organization contributed \$271,800.00 in value.

The Project Committee joint chairmen are so very grateful for all the volunteer workers. They make "working on the railroad" a rewarding experience for all who participate through their work and generous financial assistance.

Thank you!

Ed Lowrance John Engs

Ed Lowrance and John Engs
Co-Chair Project Committee

Project 0200 – Site Leader Reports

Site Leader, Session A & B: Ed Lowrance **NOTE:** Ed submitted the only Site Leader Report

Site Leader, Session C: Bob Ross

Site Leader, Session D: Bill Lock

Site Leader, Session E & F: John Engs

Site Leader Report - Session A & B:



Session A & B Site Leader Ed Lowrance at work in the CRF.

Session A & B was concentrated in Antonito, with 31 scheduled workers there, and 9 Workers scheduled in Chama. Perhaps the most encouraging note is that we enjoyed help from 5 first time member volunteers!



Registration Team Leader Linda Smith, AHR representative Ed Beaudette and Site Leader Ed Lowrance discusses Photo ID procedures for Session A.

Registration on Sunday proceeded smoothly, with AHR representative Ed Beaudette on hand to countersign the newly required Permission to Enter form and issue the Photo ID.

The session proceeded well with **no reportable injuries**.

Work on the Car shelter truss fabrication was compromised by late delivery of a portion of the steel, however continued moving forward, virtually all fabrication was completed with the team moving forward to assembling trusses in pairs. 6 truss pairs were completed with relatively minor work necessary to complete truss fabrication. This was heavy and complicated work requiring a careful program. The work could not have been completed without use of both of the Friends tractors.

053 - Cook Car work visibly advanced with the installation of a final steel sill reinforcing plate. Siding was primed. Car siding installation was completed. Installation of window frames was begun.

Display train lettering began with one side of the train largely completed. The Cumbres and Toltec stencil for the tender could not be located so this element was not completed. Several other stencils could not be located.

Landscaping prep work alongside the train was begun with excavation of material between the driveway curb and the ties. Weed barrier and new ground cover to be installed at a later date. This project was performed for the Commission - time cards were kept to document "in kind" expenditures for the CDOT match.

A team completed installation of missing track for the car storage facility. A single track was ballasted by the RR and tamped by volunteers. All three tracks were extended to the limit of materials - and elevation of track one was corrected. Tracks two and three still require elevation correction and tamped ballast.

A crew worked on Stock car 5995. Work was hampered by the mysterious disappearance of essential parts - stored within the car at the conclusion of 2011 - and the absence of needed bolts.

The Chama Station dock received considerable board replacement including sub-flooring repairs. This team also began repairs of

Landscaping work continued in Antonito and Chama with considerable visual enhancement work.

Food service was provided in Chama by the Kitchen Team. A delightful dinner took place during both sessions at the Mogote Meadows RV Park in their Recreation Hall. The Chama crew came over the hill to participate in these dinners.

New Antonito Station lighting was installed at the request of the Commission. Conduit installation was completed to the metal working area of the CRF, and to the Car Shelter - both in anticipation of future electrical installation.

Project 0210 – Registration

Objective: To register volunteers for their work session(s).

Team Leader, Session A & B: Linda Smith

Team Leader, Session C: Holly Ross

Team Leader, Session D: Judy Lock

Team Leader, Session E & F: Sandra Engs

Team Member, Session C: Diana Gross

Team Member, Session F: Linda Dueker and Holly Ross

Work Accomplished, Sessions A and B: Registration for Work Sessions A and B was held in the Friends' CRF from noon to 5 p.m. on Sunday, May 27 and Sunday, June 3, 2012.

Friends' registration material was delivered to Antonito, CO by Friends' President Tim Tennant at noon on Sunday, May 27, including three-ring binders with volunteer registration forms, safety regulations, length-of-service pins, and some office supplies. In addition to registration forms, volunteers were asked to complete the railroad operator's "Permission to Enter Upon Premises" form ahead of time as a prerequisite to being issued a badge. The badge must be displayed by the volunteer for access to railroad property, and the signed and approved form must be on the person of the volunteer while on railroad property.



TL Linda Smith and Site Leader Ed Lowrance talk to Ed Beaudette about the new badging procedure.



TL Linda Smith talks to Tim Smith as Kevin Corwin reads the new "Permission To Enter Upon Premises" instructions.

Forty volunteers were registered for Work Session A – 30 in Antonito and 10 in Chama. Most of the volunteers who checked in on Sunday and early Monday morning had not filled out the "Permission to Enter Upon Premises" forms. A representative of HRM was available on Sunday, May 27, to issue badges, so the registration team assisted volunteers in completing the forms and making copies of the approved forms (signed by the HRM representative) for the volunteers. Eight temporary badges were issued to volunteers who were either located in Chama or did not check in until Monday morning. For Work Session B, there was no HRM representative to badge volunteers, so temporary badges were issued. They were instructed to obtain permanent badges at the Chama Depot. None of the Chama volunteers were able to get permanent badges during either of the work sessions due primarily to railroad staff being

involved in training and other pre-opening activities.

The Registration and Food Preparation Teams provided the volunteer effort for two Work Session hamburger barbecues at Mogote RV Park recreation center. Forty-two volunteers, their wives or husbands and guests attended the Session A barbecue. Thirty-six volunteers, spouses and guests attended the Session B barbecue. The menus included grilled hamburgers and veggie burgers, potato salad, cole slaw, baked beans, sliced tomatoes, onions and chiles, condiments, chips and dips, and a dessert assortment. Drinks included wine, beer, soda and water. Russ and Patty Hanscom made homemade guacamole dip for both sessions which was very popular!



Spero Bettalico checks out the food table while Linda Smith and Patty Hanscom continue preparations.



And a good time was had by all who attended.

Length-of-service pins were presented to:

5 Year pin to: David Ley

10 Year pin to: Linda Smith

15 Year pins to: George Davies, Marshall Smith and Mary Jane Smith

20 Year pin to: Frank Smucker



“Burger Chef’s” Spero Bettalico and Bob McCain frying burgers to perfection.



Friends Chairman of the Board Craig McMullen had presented David Ley his 5 year pin and is presenting Marshall and Mary Jane Smith their 15 years pins.

Session C: 81 signed up, 2 cancelled, 2 had to come late and 1 was left on the form, 80 total Friends working. 94 attended the Annual Banquet.

1st year volunteers: Philip Kuhl, Jason Rose & Noah Ward.

5 year pins handed out to: Jerry Hawkins, Connie Hickman, Jim Hickman, Mike McGinley & Michael O'Nele.

No 10 year pins given out this session.

No 15 year pins given out this session.

20 Year pin handed out to: Diana Gross



TL Holly Ross (Session C) checking her registration list. Her helper (?) seems to be checking his eyes lids for light leaks.



TL Judy Lock (Session D) goes over her registration list with Scott Hardy.

Session E: 69 signed up, 1 cancelled and 1 new registration for a total of 69 volunteers. 68 attended the mid-week dinner.

1st year volunteers: Debra Joerg, Evan Martinez, David Walter and Michael Walter.

5 year pins: Chuck Cover and Thomas Hindman.

10 year pins: John Sutkus

15 year pins: Dan Robbins

20 year pins: None.

Session F: 62 signed up, 4 cancelled, 1 came late and 6 new registrations for a total of 64 volunteers. 48 attended the mid-week dinner (5 ordered from the menu.)

1st year volunteers: Carole Frey (volunteered 2 years as a docent.)

5 year pins: Bill Bailey and Gene Bailey

10 year pins: None.

15 year pins: Bill Strathearn and Judith Rosenberger

20 year pins: None.

Status of Project: This is an annual support function.

Project 0220 – Membership Promotion

Objective:

Team Leader:

Team Member(s):

Work Accomplished: (please include material and any special tools used.)

NOTE: This project was not staffed for any 2012 work session.

Comments and/or Complaints, if any:

Status of Project: If not completed – your best estimate of the number of work sessions remaining to complete the project.

Project 0222 – Friends Merchandise Sales

Objective: To raise general operating funds for the Friends' organization

Team Leader, Sessions A & B: Linda Smith

Work Accomplished: (please include material and any special tools used.)

Friends' President Tim Tennant delivered a variety of Friends' merchandise to Antonito for Work Sessions A and B, including:

- Engine 463 Denim Shirts
- 463 Caps (gray, black and denim)
- 463 Session and Non-Session T-Shirts (Gray and Navy)
- 463 Hooded Sweatshirts (Gray and Navy)
- Black ACNGS-II T-Shirts

Also available for sale were three hand-crafted 463 builder's plates, built by Board Chairman Craig McMullen, who donated the labor and materials. Two of the builder plates, listed at \$150, were sold.

President Tennant brought additional merchandise, including caps and the new T-shirt, designed to highlight the Friends' recently announced fund-raising program, "Preserving the Narrow Gauge Past for the Future." Several of the newly designed T-shirts were purchased on the final day of Work Session B.

Most popular merchandise included session T-shirts, caps and hooded sweatshirts.

Nearly \$1,400 (gross) in merchandise sales were realized for the two sessions, significantly higher than last year's gross revenues for the same sessions in Antonito.

Comments and/or Complaints, if any: It needs to be discussed by the Project Committee as to whether this function should be staffed as a stand-alone project or should it be combined with another function such as Registration.

This comment was made by Mary Jane Smith and should be considered by the Project Committee. *I recommend we add merchandise sales to the project list. We have a car full of T Shirts from last year and a bunch from this year. I do not recommend doing away with the shirts, but we sure are not making any money - going in the hole. Guess next year we can sell the 2011 shirts for \$1 instead of \$5 for this year and \$10 for 2011. Maybe everyone will just wait for a year or two to buy the shirts - get a great bargain.*

Status of Project: This has been an annual support function in the past.

Project 0230 – Food Preparation - Chama

Objective: The preparation of tasty nutritious meals at a reasonable cost for work session volunteers.

Team Leader, Sessions C, D, E & F – Mary Jane Smith

Team Members, Session C: Connie Hickman, Maggie McMullen, Eleanor Pearce, Caroline Tower & Joan Weigant

Team Members, Session D: Connie Hickman, Maggie McMullen & Vicki Schober

Team Members, Session E: Susan Dick, Nancy Gordon, Yvonne Schmitt, Rochelle Sherrow & Caroline Tower

Team Members, Session F: Susan Dick, Nancy Gordon, Jean Lee, Caroline Tower

Work Accomplished: Mary Jane Smith planned menus and shopping list. Mary Jane placed the order with Coca Cola Bottling Company in Santa Fe and Mary Cardin assisted by placing orders with Sysco of New Mexico, Shamrock Food Company and Lowed Chama Valley Market. Mary Jane and Marshall Smith shopped for other food and supplies at Sam's Club in Farmington, NM.

The week before Session C & D, Mary Jane cleaned the floors and shelves of the kitchen car and kitchen supply car, met delivery trucks and stored supplies. On Sunday, she purchased food items from Lowes Market and met with Nancy Norcross, food prep leader for Antonito, and discussed menus, drinks, snacks and other preparations.

During Session C – Lunches were prepared for 62 volunteers in Chama (including 5 away lunches for Mile Post team). Meals included Turkey Pastrami and Provolone Cheese, Frito Pie, Black Forest Ham and Swiss Cheese, Smoked Turkey and Cheddar Cheese. On Thursday, the food prep team hosted a hamburger cookout (grilled by Maggie McMullen and Caroline Tower) with Potato Salad. The railroad shop crew and office staff was invited. During Session C the kitchen car and kitchen supply car received a fresh coat of paint by the paint crew.

The Antonito food prep was lead by team leader Nancy Norcross and lunches were prepared for 14 volunteers. Food was purchased from Hometown Market in Antonito.

On Friday, June 22, the Friends Office and Holly Ross coordinated the Friends Dinner at the Senior Citizens Center in Chama. Stephen Flowers and the Osier Kitchen Staff prepared the dinner. The annual meeting followed the dinner.

During Session D – Lunches were prepared for 55 volunteers (including 3 Mile Post and 1 Tree Trimmer crews). Lunches included Black Forest Ham and Cheddar Cheese, Teriyaki Chicken and Swiss Cheese, Roast Beef and Provolone, Deli Sandwich with Pepper Jack Cheese and on Thursday the traditional hamburger cookout (grilled by Wayne and Vicki Schober). Again, railroad shop crew, office staff and train crew also enjoyed burgers.

On Wednesday, Holly Ross and Bill Lock organized the weekly dinner, featuring an Italian Buffet at the High Country Restaurant.

In Antonito, lunch material was purchased at Hometown Market for seven volunteers.



Team Leader Mary Jane gives her Monday speech about the Kitchen Car – does & don't.



Site Leader John Eng thanking Marshall Mary Jane Smith for their 15 years of service!

Session E & F – During the month of July, Mary Jane Smith planned menus and prepared and placed orders for food and supplies with various vendors, Sysco New Mexico, Shamrock Food Company, Coca Bottling of Santa Fe, Lowes Chama Valley Market and Hometown Market in Antonito. Mary Jane and Marshall Smith purchased food and supplies from Sam's in Santa Fe.

On Thursday, before the session, Mary Jane met the delivery truck from Sysco. Shamrock delivered to the railroad yard the previous Monday. Drinks from Coca Cola were delivered on the first day of Session E (Monday). Nancy Gordon and Mary Jane cleaned the box car, stored food and supplies on shelves, freezers and refrigerators. They sorted snacks and breakfast food items for each session and day.

During Session E: Lunches in Chama were prepared for 71 (4 at Cumbres) and four for no lunches. We had a total of 75 volunteers for Session E. Meals included turkey pastrami and provolone, pull pork on bun, black forest ham and Swiss, roast beef and pepper jack cheese. On Thursday, Caroline Tower and Spero Bettalico grilled hamburgers for the volunteers and railroad employees. Each day, Mary Jane Smith and Nancy Gordon purchased food and supplies from Lowes Market. Sandra Eng organized the weekly volunteer dinner at the High Country Restaurant, featuring a Mexican Food Buffet.



Caroline Tower (inside the car) Nancy Gordon and TL Mary Jane Smith getting garbage ready.



Spero Bettalico gives Caroline Tower a hand cooking burgers on Thursday.

We did not have any volunteers in Antonito, so no lunches were ordered or prepared.

Since no one was available to sell the Friends T-Shirts, the kitchen car-food preparation team agreed to sell shirts. During Session E, we sold a total of \$525.00

During Session F: Lunches in Chama were prepared for 49 volunteers and four for no lunches (total of 53 in Chama).

Lunches for 13 volunteers in Antonito were ordered by Mary Jane Smith from Hometown Market and picked up by Lee Parks. Lunches included ham and Swiss sandwich, salad with chicken strip, roast beef and pepper jack cheese sandwich, Frito pie, and on Friday the group treated themselves to hamburgers at a local grill.

Chama lunches included smoked turkey and cheddar, Frito pie, roast beef with Swiss, and deli sandwich with pepper jack cheese. Caroline Tower and Spero Bettalico grilled hamburgers on Thursday. The railroad shop crew, office staff and train crew were invited and enjoyed all hamburger cookouts.

Holly Ross and Sandra Engs organized the weekly dinner, featuring an Italian Buffet at High Country Restaurant.



Chronicler TL Sharon McGee check to see when she can get a group picture.



Caroline Tower cuts up "sweets" for the "goodie tray" which is extremely popular.

The last day of Session F, team members inventoried and stored supplies and did the necessary shutdown procedures. Freezers and refrigerators were cleaned and turned off, water heater drained, water hoses and electrical power cords disconnected and stored. Tents and awnings were taken down and stored in the kitchen supply car. A sale of left over drinks and snacks was held during break and lunch. A total of \$106.50 was collected and deposited to the Friends bank account. Items not sold were packaged and sent to Colorado Springs project or given to the railroad shop crew.

Comments and/or Complaints, if any: I recommend we add merchandise sales to the project list. We have a car full of T Shirts from last year and a bunch from this year. I do not recommend doing away with the shirts, but we sure are not making any money - going in the hole. Guess next year we can sell the 2011 shirts for \$1 instead of \$5 for this year and \$10 for 2011. Maybe everyone will just wait for a year or two to buy the shirts - get a great bargain.

Status of Project: This is an annual support function.

Project 0231 – Food Preparation - Antonito

Objective: The preparation of tasty nutritious meals at a reasonable cost for work session volunteers.

Team Leader, Sessions A & B: Mary Jane Smith

Team Members, Sessions A & B: Patty Hanscom, Maggie McMullen and Mary Whelan (Carol Mackey in Chama)

Work Accomplished: Mary Jane Smith planned menus, placed orders from Sysco, New Mexico and Antonito's Hometown Market. Mary Jane and Marshall Smith also purchased food items from Sam's Club in Santa Fe, NM

Work Sessions A & B were held in Antonito, CO and Chama, NM. After arriving in Antonito, Mary Jane cleaned and prepared the kitchen area in the CRF. John Engs and Marshall Smith constructed temporary tables and helped set up the area. A new refrigerator/freezer for the CRF was most useful. Each day Mary Jane drove to Antonito's Hometown market to pick up supplies for the day's lunches and coordinated future orders with the store manager and employees.

During Session A in Antonito: Lunches, snacks and drinks were prepared for 26 volunteers. Meals included sandwiches of Pastrami and Provolone, Roast Beef and Pepper Jack Cheese, Ham and Swiss Cheese, and Turkey breast and Cheddar Cheese. Frito Pie or Chef Salad was also served. Chips, vegetable, fruit and dessert was also served.



A & B Session Kitchen Crew - Patty Hanscom, Maggie McMullen, TL Mary Jane Smith and Mary Whelan



Lunch time is always a good time!

In Chama, Carol Mackey picked up sandwiches (Turkey Pastrami, Roast Beef, Ham, sub sandwich and Turkey breast, chips, dessert and drinks from Lowes Market in Chama for the 8 volunteers.

A Friends group dinner was held on Wednesday evening at Mogote Meadow Campground recreation room. A hamburger dinner was planned by Linda Smith and was assisted by the food preparation ladies. Bob McCain and Spero Bettalico grilled the burgers. Most volunteers attended the dinner.

During Session B: The Food Preparation Team prepared lunches, drinks and snacks for 24 volunteers. Meals included sandwiches of Ham and Swiss Cheese, roast Beef and American Cheese, and Deli sandwiches. Frito Pie and Fried Chicken were also served. Chips, fruit, vegetables and dessert were served with the sandwiches.

Carol Mackey coordinated the lunches for the 8 Chama volunteers.

A hamburger cookout was held on Tuesday evening at the Mogote Campground Recreation Room. The dinner was coordinated by Linda Smith. Russ Hanscom and Spero Bettalico grilled the burgers. As in Session A, most of the volunteers attended the dinner.



Great food and a group of Friends are really hard to beat - lots and lots of conversation!

On Friday, after lunch, Mary, Patty, Maggie and Mary Jane did an inventory and packed all foods and items to return to the Chama Kitchen Car. They also cleaned stencils used on the Antonito display train.



What a great crew - they did a lot more than fix lunches!

Status of Project: This is an annual support function

Project 0240 – Tool Car Operation

Objective: The Tool Car Team provides essential support services for the Friends Volunteers during the work sessions by: 1. Assisting volunteers in finding appropriate tools. 2. Maintaining and/or repairing tools. 3. Keeping an inventory of consumable and non-needed additional tools and/or supplies. 5. Serving as “Communications Central” i.e. phone calls, message and location of volunteers, etc.

Team Leader, Sessions A, B, C, & D: Bill Mackey

Team Leader, E & F: Spero Bettalico

Team Member, Session A & B: Carol Mackey

Team Members, Session C: Maryruth Duncan & Carol Mackey

Team Members, Session D: Carol Mackey & Joyce Smalley

Team Member, Session E: Forest Link

Work Accomplished: : Posted tool categories outside each car. Identified each tool appropriately. Maintained tools properly. Posted signage for tools inside each car. Devised and organized shaded workspace outside. Tools were signed out and logged back in.



Joyce Smalley, tool car, in a discussion with Site Leader Bill Lock on a cool morning during Session D.

Comments and/or Complaints, if any:

Status of Project: This is an annual support function.

Project 0241 – Nail & Bolt Car Operation

Objective: Provide fasteners and related items to facilitate completion of Friends Projects.

Team Leader, Session C, D, E & F: Marshall Smith

Work Accomplished: Many routine activities as threading, cutting and welding fabrication were performed. One exceptional activity was constructing and installing replacement truss rod ends for the new tool car. The 1 1/8" diameter rod was located in the swamp, cut to length, threaded and welded in place thru holes cut in the floor. Several special bolts were made for unusual applications. 4 corner irons, 1/4 x 10 x 16 were made for the new tool car.

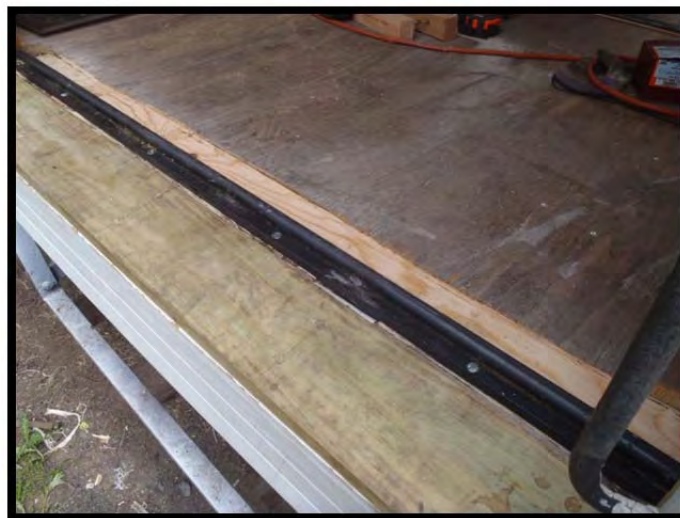


TL Marshall Smith making threads for a bolt. TL Scott Hardy waits as he also needs bolts made for Sheep Stock Car # 5633.



TL Marshall Smith working on a bolt for OP.

Many routine activities as threading, cutting and welding fabrication were performed. One exceptional activity was constructing and installing replacement truss rod ends for the new tool car. The 1 1/8" diameter rod was located in the swamp, cut to length, threaded and welded in place thru holes cut in the floor. Several special bolts were made for unusual applications. 4 corner irons, 1/4 x 10 x 16 were made for the new tool car. Another interesting project was constructing door rails for the RPO car. These have a round rod 3/4" diameter welded to a 1/2 x 2 flat. The rollers in the bottom of the door roll along this track when opened and closed.



One floor door rail installed in the RPO Car.

In addition, electrical and welding work was performed on Friends equipment. Operation of the tractor was a large part of the work session.



More torch work on the Kubota bucket.

As usual, time was spent assisting team leaders and runners secure correct fasteners, reloading returned fasteners, locating specialty fasteners and assisting in the tool car.

Activities for Session E & F

Routine activities such as threading, cutting and welding were a large part of the work. The work performed involved every project underway these two sessions as each one used fasteners in some form.

Tractor work was a major item during both sessions. There was a serious cleanup effort during both sessions, in preparation for close down. Cleaning the sump and new oil for the power threader was performed as an annual project. A variety of repairs were made on generators, tractors and tools. Several hours were spent assisting the tool car operation, as it was short handed in both E & F Sessions.

Inventory was conducted between E & F to determine stock orders for 2013.

Status of Project: This is an annual support function.

Job 0246 - Paint & Paint Supply

Objective: Purchase and furnish paint and paint supplies as needed and requested by Team Leaders.

Team Leader, Session A, B, C, D, E & F: Spero Bettalico

Work Accomplished: Session A

<u>Project No.</u>	<u>Date</u>	<u>Supplied</u>
1099	May 21	20 Gallons Benjamin Moore Super/Spec # P2221-5 Color Safety Red
1182	May 22	Two Gallons Thompson water sealer, One gallon Glidden Spread latex Semi-Gloss, 1114 Accent Base 3 Color Authentic Brown (Rio Grande Brown)
1003	May 23	Five Gallons Devoe Oil Primer White. Primz 220 DR 1102/n Three Gallons Paint Thinners

Session B:

1003	May 28	12 Tubs Dap, White Silicone Sealer
1182	May 29	One gallon paint thinners, two gallons Thompson Water Sealer One pint Min/Wax Dark Walnut Stain
0740	May 30	One gallon Wal-Mart Color Place Latex Ext White, Number 9500, One Gallon Wal-Mart Color Place Latex Ext, Accent Base 9553 Color Black
1182	May 31	Two gallons Glidden Fortis 450 Latex Ext Finish, 6405, color code Babbitt Brown (Box Car Red)

Session C:

Project No.	<u>June 18 2012 Monday</u>
0730	One gallon Glidden Spree Latex SP 1111 White semi-Gloss exterior
0750	4 gallons Devoe Oil High Gloss Black 4308-8990 Black 4 gallons Devoe Oil High Gloss White 4308-0100 White One gallon Linseed Oil One Gallon Mineral Spirits

- 1004 4 Tubes Big Stretch Caulking Green
6 Tubes Big Stretch Caulking Black
6 Tubes Big Stretch Caulking Clear
- June 19, 2012 Tuesday
- 1099 3 Gallons Paint Thinners
- 0720 One gallon Devoe Oil Primer Primz 220
DR 1102/n White
- 0720 One Gallon paint thinners
- 1089 4 Rolls Guardian Roof Sealer, 6 inches by 75 feet
- 1026 3 Sheets Gasket making Material
One Gallon paint thinners
- June 20, 2012 Wednesday
- 0720 One Gallon Glidden Spree Latex exterior Paint
SP 2914 base 3 Dark Secret (Black)
- 1143 One Gallon Devoe Oil Primer Prinz 220
DR 1102/N White
- 0720 8 Gallons Devoe Oil Primer Primz 220
DR 1102/N White
4 Gallons Paint Thinners



Session C Site Leader Bob Ross discusses a paint problem with TL Spero Bettalico as Maggie McMullen (kitchen car) looks on.



TL Spero Bettalico checks over order of paint just received.

- June 21, 2012 Thursday
- 0720 20 Gallons Glidden Fortis 450 Latex Semi-Gloss Finish
6407-0500V Box Car Red (Babbitt Brown)
3 Gallons Paint Thinners

1089 One Gallon Devoe Oil Primer Primz 220
 DR 1102/N White
 One Gallon paint thinners

0750 Two cans Spray Paint Black
 One Can Spray Paint White

June 22, 2012 Friday

1089 One Gallon Abatron Wood Epoxy Liquid Part A

1089 One Gallon Abatron Wood Epoxy Liquid Part B

1004 5 Gallons DuPont IMRON 2.1S6 EPOXY PAINT
 INDMIX VGB-6 1547 OLD PULLMAN GREEN

5 CONTAINERS DUPONT IMRON 2.1 ACTIVATOR CLEAR
 INDFG-1333-Q CLEAR

5 GALLONS LAQUER THINNERS FOR GUN AND EQUIPMENT
 DUP105G NO COLOR

5 GALLON DUPONT OIL PRIMER FOR WOOD
 IND681-709G GRAY

5 GALLONS BENJAMIA MOORE OIL SEMI GLOSS PAINT
 BENP244BG BLACK

2 RESPIRATORS (MMM 37078)
 8 ORGANIC VAPOR CART. FOR ABOVE (MMM 7046)
 6 FULL PAINT SUITS (DUPM 5903)
 2 ASMO 6679 TIPS FOR SPRAY GUN 69-513

Session D: June 25, 2012 Monday

0750 One gallon Devoe Prinz OIL primer, DR 1102/N, White

1089 One gallon Devoe Prinz Oil Primer, DR 1102/N, White

June 26, 2012 Tuesday

1089 One gallon Abatron Putty Epoxy Part A, One gallon Abatron Putty Epoxy Part B

June 27, 2012 Wednesday

1089 One gallon Devoe Primz OIL primer, DR 1102/N, White, One gallon thinners

June 28, 2012 Thursday

1089 2 Tubes Dap Silicone Rubber sealant White

Session E: August 6, 2012Project Number

1004 3 Gallons Glidden Fortis 450 Latex finish, 6407-0110V, Color (Lakeview) Interior RPO54

1122 3 Gallons Devoe Oil Primer White Primz 220, DR1102/N, 3 Gallons Thinners

740 3 Gallons Boiled Linseed Oil, 3 Gallons Thinners

August 7, 2012

1122 One Gallon Fortis 450 Latex Finish, 6407-0500V, Color Box Car Red (Babbitt Brown)

August 8 2012

780 One Gallons Devoe Oil Primer White, DR1102/N

1017 Flashing Roof 6" X 10 Feet

1122 3 Gallons Glidden Fortis 450 Latex Finish, 6407-055V, Color Box Car Red (Babbitt Brown)

1186 One Gallon Silver Aluminum Oil Paint, (No Number, found in paint Shed)

1017 One Gallon Henry's Roof Sealer

August 9 2012

1186 2 Quarts Ace Oil Primer Red, Ace No, 225 A 140

August 10 2012

1186 One Gallon Ace Black oil enamel, (No Number Found in Paint Car)

Session F: August 13 2012Project Number

720 5 Gallons Devoe Oil Primer White Primz 220, DR 1102/N, 3 Gallons Thinners

1004 4 10 once Tubes of Dap Window Glazing White

August 14 2012

720 3 Gallons Devoe Oil Primer White Primz 220, DR 1102/N, One gallon Thinners

1004 8 10 Once tubes of Dap Window Glazing White, One Roll 10 feet X 100 feet Plastic masking 4MM

August 15 2012

720 9 Gallons Devoe Oil Primer White Primz 220, DR 1102/N, 3 Gallons Thinners
3 Gallons Glidden Spread Latex Finish, SP 2314, Color Black (Dark Secret), 3 Gallons Glidden
Spread Latex Finish White, SP 1111, Color White

August 16 2012

720 20 Gallons Glidden Fortis 450 Latex Finish, 6407-0500V, Color Box Car Red (Babbitt
Brown)

1004 One gallon ACETONE

750 One Tube 10 once Dap Silicone Sealer

August 17 2012

700 One Gallon Boiled Linseed Oil, One Gallon Thinners

Status of Project: This is an annual support function.

Project 0250 – Carpentry Shop – Chama – 344.050

Objective: To insure the safe operation of all equipment in the carpentry shop. Provide carpentry shop support and assistance to all projects as needed. Perform miscellaneous work as needed.

Team Leader, Sessions C & D: Jim Hickman

Team Leader, Sessions E & F: Bill Strathearn

Team Members, Session C: Larry McDonald & Phil McDonald

Team Members, Session F: Brad Simpson

Work Accomplished, Session C: Phil and Larry McDonald worked with me during Session C. They made 5 flower boxes to replace those on the Chama Depot platform. They also repaired a couple of the scrap boxes that had been damaged. I made three Station signs 5' X 18" and one 6' X 28" sign for the MOW crew. We also modified the viewing door for the rotary snow plow to allow viewing without the glare off the Plexiglas.

We built a work bench and lockable cabinet for the brake and wheel crew in the boxcar by the log bunkhouse and fastened two sections of cubbyholes from the woodshop to the boxcar walls.

We replaced the 24' bandsaw blade with a resaw blade enabling rapid cutting of beams and used the bandsaw to cut a number of short beams for the derrick OP car and a beam to replace a section of the door beam on the sheep stock car #5633. We cut the material to make new sheep stock car doors.



Phil McDonald and Brother Larry build new flower boxes for Chama Depot platform.



Larry and Phil McDonald modifying the observation door for Rotary OM.

Session D: No team members were assigned to the carpentry shop in Session D. I cut deck to fill a 60" section of the sheep stock car floor with one of their team members. Made a bracket for the welding cabinet for Marshall Smith and worked with the sheep car crew making new doors for the car.

I made 3 more flower boxes for the Chama depot platform and repaired a door to the depot.

I measured the windows and doors on engine #483 being rebuilt by the engine house. I will repair one door, make another and build a new window for the engine over the winter.



Session D TL Jim Hickman cutting new roof walk cradles for sheep stock car #5633



New roof walk cradles cut out and ready for drilling and painting before installation on sheep stock car #5633.



George Detwiler and Scott Stover (sheep stock car #5633) priming roof walks.



New door built by TL Jim Hickman primed in white. New doors were built for both sides and will be painted black during a later work session.

Session E: Not a lot of activity. Put blades in 20" planer to prep for sale. Repaired bandsaw which had lost a guide wheel. Installed window in station.

Session F: Again, not a lot of activity. Spent most of week on small projects. Repaired window in Cumbres Section House. Cut ties for garden. Cleaned and primed windows for 483. Will glaze them at home. No 1/4" quarter round available in Chama. Most of the activity was cleaning out the woodshop of unnecessary "stuff". Used pipe rollers to remove spindle sander to door for sale. Cleaned out misc. wood from under west workbench. Cleaned out scrap metal from under east workbench. Cleaned out foam sheets from top of old office area to be used on 483. Removed tent material from same area. Removed tarp from under workbench on east wall.



Session E: TL Bill Strathearn has the Carpentry Shop under total control.



Session F: TL Bill Strathearn primes a window frame out of Engine #483 as Brad Simpson looks on.

Comments: It should be noted there were no reportable accidents in the carpentry shop during the work sessions in 2012.

Status of Project: This is an annual support function.

Project 0270 – Equipment Preparation

Objective:

Team Leader:

Team Member(s):

Work Accomplished: (please include material and any special tools used.)

NOTE: No one was assigned to this project.

Comments and/or Complaints, if any:

Status of Project: If not completed – your best estimate of the number of work sessions remaining to complete the project.

Project 0290 – Equipment & Material Loading

Objective:

Team Leader:

Team Member(s):

Work Accomplished: (please include material and any special tools used.)

NOTE: No one was assigned to this project.

Comments and/or Complaints, if any:

Status of Project: If not completed – your best estimate of the number of work sessions remaining to complete the project.

Project 0294 – Hauling & Vehicle Operation

Objective:

Team Leader: Wayne Schober

Team Member(s):

Work Accomplished: (please include material and any special tools used.)

NOTE: No team leader report received.

Comments and/or Complaints, if any:

Status of Project: If not completed – your best estimate of the number of work sessions remaining to complete the project.

Project 0310 – Safety Coordination

Objective:

Team Leader, Session C & D: John Engs

Team Member(s):

Work Accomplished: (please include material and any special tools used.)

NOTE: No team leader report received for this project.

Comments and/or Complaints, if any:

Status of Project: If not completed – your best estimate of the number of work sessions remaining to complete the project.

Project 0700 – Yard Landscaping - Chama

Objective: Beautify the area around the Chama Depot

Team Leader, Session B & E: Naomi Sublett

Team Leader, Session D: Laural Hoppes

Team Member, Session B: Jim Sublett

Team Members, Session E: Becky Falk, Debra Joerg, Valerie Morris & Becky Robbins

Team Member, Session F: Becky Falk, Judy Rosenberger (part time).

Work Accomplished, Session B: Clean up of areas of trash and weeds and winter dead growth. This is an extensive task as there were only two people on duty. (Jim and Naomi Sublett) The patio area was pulled of weeds and also sprayed with a round-up extend control of three months.

In the garden area beside the patio, we tried a lot of cleanup, trimming and control of over growth. A new half-barrel was placed in the middle with Autumn-Fire sedum. Jim made special changes to the water system to provide for their survival.

Under the Aspen trees where cleanup was completed we added cedar bark mulch. New plants which were planted in Sessions E & F of 2011 survived and are doing well - 1 Hosta by the Glider and 2 Buffalo Juniper in the Iris bed is doing great.



TL Naomi Sublett weeding the area.



Beautiful flowers in "Alta's Garden".

Work Accomplished, Session D: Seven new flower pots were made from “trex” wood to replace the old flower boxes on the station platform by the trains. I planted new flowers in each, and since they are bigger than the old wooden ones I added soil to each. My husband, Ray Hoppes, helped me one morning to get the drip system back in working order, as many heads had been broken off, and there were holes in a couple of places in the main hose which we repaired.

Cleaned up weeds in gardens and around railroad ties by station and cut dead flower growth in the front two gardens by the walk. The alfalfa weeds had started to take over some areas in these gardens, and I cut them back. The root system is quite large for them and I couldn't dig them out. I also weeded both pathways around and into gardens. The weed growth was fairly

extensive by the end of June. Cleaned up as many cigarette butts in flower pots and gardens as I could see. I'm sure I didn't get them all. Also I found glass in the pathways that I cleaned out and threw away.

This was a great deal of work, as I was the only one on duty and due to the heat could only work until just before lunch. I did start working between 6:30 am and 7:00 am to "beat" the heat. (Thank you Bill Lock for the suggestion)

I watered every other day (turned on the drip systems) as a "docent" & a resident of Chama told me no one had been watering and there had been no rain in Chama for 8 weeks. The gardens were extremely dry. I left instructions with him to continue to water when we were gone in July.

A couple of residents of Chama came by about 7:00 each morning and would comment on the garden and progress I was making. The residents of Chama come down fairly often to just see the gardens, and look at the flowers and walk their dogs around the grounds.

Suggestions for Future: 1. A better watering drip system, or watering system in general. The small planters on the north side of Chama station do not have a water source. (I took buckets over to water them).

2. Plan more flowers that will bloom throughout the season and bring color to the area. By the end of June the Lupine was dying out, the Hollyhocks were just starting to show blooms to come, and Iris' and Columbines were gone.

3. Smoking: I found cigarette butts in almost every planter as well as the main gardens. Perhaps there could be a sign or a container marking it for a good location to put the cigarette butts?



TL Loral Hoopes plants new flowers in new flower boxes built in Session D.



Two new flower boxes with new plants.

Session E & F - The landscape team was very blessed and productive. There was the typical and routine duties of weeding, cleaning, dead-heading and straightening of growth over the summer. All of the plants were in serious need of a deep watering.

The plants in pots on the depot platform were struggling to survive from lack of water. The team re-potted with some new pots and additional plants to various pots that had losses. We also added saucers to all round pots. 2 x 2's were made to go under all the rectangular planters so that damage from too much moisture held under planters was reduced. (this done to control damage to the depot platform.)

Hardscaping changes: 1. Stand-up tie ends were added as terracing and erosion control to two places. A. sidewalk from town, which also added a new planting space along the sidewalk. Rock beds were put into place in the second terrace under this to help support erosion control and stand-up tie-ends. A ground cloth was installed under the rocks. Footer was installed along the bottom of the rocks to keep the rocks in place and to separate Alta's Garden from the terracing. This will be further extended in 2013.



Becky Robins, Becky Falk, Valerie Morris,
TL Naomi Sublett & Debra Joerg



Three new Scotch Pines were planted.

2. More stand up tie-ends were also installed in the north end to also terrace and control soil erosion. Soil amendments and top soil were added to improve soil growing conditions. Transplanting in both these areas was performed.
3. Many rocks of all sized and weights were moved to create texture and lower the high maintenance of some of these area.
4. Rocks were also moved behind the glider with a ground cover under them for the prevention of unwanted growth.
5. Three new Scotch Pines were planted to the south of the patio. Three wells were made to hold moisture during watering and bark mulch was added to retain that moisture.
6. Wood preservation was applied to patio stairs, picnic table and other wood surfaces.

The donor boards were removed and replaced by the Boy Scouts and by Jim Sublett and Herb Knoesel. The wood frames were also applied with wood preservative by Herb Knoesel.

Many thanks to my teams. Also thank you to all of the men who assisted when asked to help with heavier tasks.



Becky Robbins hand waters flower pots.



Becky Falk on the way to the dumpster with with another load of clippings. She made numerous trips during Sessions E & F!

Comments: Goals for Chama Landscaping for 2013: 1. Refinish Alta's sign. 2. 30 bags of cedar bark mulch. 3. 30 bags of top soil. 4. More plants & flowers. a. Iris bed & beyond to the north. b. Alta's garden. c. Glider & garden path bed. 5. Tie end steps up to side walk to town. 6. Finish ground around 3 Scotch Pines. a. Clear weeds and unwanted growth. b. Re-mulch trees. C. Build better moats around trees. d. Stand-up tie-end barrier west of trees. 7. Continue to build retaining wall up the sidewalk to town.

Status of Project: Plans for the future - 1. A new and more effective and durable watering system for the entire garden. 2. Saucers for under the plants on the platform as the moisture is damaging to the platform. All materials and supplies were funded by Jim & Naomi Sublett!

Project 0701 – Landscaping CRF - Antonito

Objective: Beautify the area around the CRF

Team Leader, Session A & B: Naomi Sublett

Team Member, Session B: Jim Sublett

Work Accomplished: Session A: General cleanup of trash and weeding around the landscaped and parking areas. Inspected plants around the CRF building that were planted in 2011.

There were three categories:

<u>Doing Well</u>	<u>Struggling</u>	<u>Dead</u>
4 Juniper	4 Blue Juniper	4 Cotton Easter
3 Sand Cherries	1 Gold Tip Juniper	
3 Austrian Pines		

I will return in Sessions E & F with new plants to replace the four dead plants. I will also inspect the strugglers for improvement or decline. Some adjustments and repairs were made to the watering system. I hope these changes will help all of the plants.

Upgrades & Changes: (Paid for by Jim and Naomi Sublett) A higher grade of mulch was added to the Austrian Pines plus a trace mineral supplement. Other plant areas were also upgraded to the new mulch. (Cedar bark mulch from Lowe's)

A trench was dug by "Fuzzy" Anstine with the backhoe. This trench was to semi-circle around the north side of the pines. Cut-off ties were stood on end. Rocks were placed and backed up against the ties. Mary Jane Smith and Maggie McMullen were a great assistance in the placing of the ties. Len Jones brought a stack of them over with the front loader. We picked a few more up from around the CRF.



“Fuzzy” Anstine digging a trench for the ties.



Mary Jane Smith, TL Naomi Sublett and Maggie McMullen working on a sand walk.

The next change was a walkway from the parking area in between the pines and the CRF building. Most of this was constructed by Jim Sublett. Borders were installed, ground leveled and packed and a barrier fabric laid down. A special packing sand was laid and tamped down.

Twenty bags were used and about twenty more bags will be needed to complete the walkway. We will return in Sessions E & F to complete this task. This project was also funded by Jim and Naomi Sublett



Mary Jane Smith, TL Naomi Sublett and Maggie McMullen taking a picture break after getting the ties in place.



The finished product. At the end of Session B these 3 trees were looking a lot better with new growth showing.

Project Status: This needs to be a continuing project.

Project 0710 – Right-of-Way Brush & Tree Control

Objective: Removal of brush and trees which are growing into right-of-way and may be contacting train engines or cars and limiting vision and creating a hazard.

Team Leader, Session D: Ron Horejsi

Team Member: Paul Davenport

Work Accomplished: Monday: AM: check out & service equipment. AM-PM: Worked right-of-way from Apache Crossing to MP 327 (Los Pinos Valley). Cut small aspen and willows off of right-of-way. **NOTE: Mile Post 327 (south side needs repainting)**

Tuesday: AM: Worked right-of-way from train yard to Highway 17 crossing. Trimmed brush and small trees. PM: Worked right-of-way from north end of "the narrows" south approximately 0.5 miles removing brush & trees (aspen/oak and some conifers).

Wednesday: AM & PM: worked right-of-way from ending point Tuesday to approximately 0.5 miles south - ending approximately 0.5 miles north of the private landing strip. Still need to finish out this last segment - many small aspens sprouting just outside blast edge. These will quickly grow in height & width.



Paul Davenport watches as TL Ron Horejsi cuts small aspen close to the track.



TL Ron Horejsi & Paul Davenport pick up tools to move to next location.

Thursday: AM: Finished "the narrows" stretch of right-of-way. Worked right-of-way from Cresco MP 335 North to MP 334.

Friday: No work on right-of-way, turned in equipment.

Comments and/or Complaints, if any: Thoughts & Comments for future work sessions. Two problem areas noted:

1. Lack of coordination with the railroad on vegetation problem areas. When the work session began we had no information on where to work along the right-of-way. We ended up talking with Tracy, an engineer, Julian, fire patrol, Joseph with the track crew and Bob Ross who

had the milepost crew. All the information obtained was tenuous. We worked most of the area was suggested to us. Some of the areas were inaccessible by vehicle. This leads to explanation of the 2nd problem.

2. Access to work area: The railroad did help us by letting us catch a ride(s) with the fire patrol speeders but a dedicated speeder/operator for the week would have been of great value. This setup needs to be coordinated prior to the beginning of the work session, **NOT** on a day-to-day basis during the session. We also had scheduling conflicts for the "Friends" pickup. The **MOW Team** and **Tree/Brush Removal Team** both needed to use the 84 Ford pickup to access work areas. Both teams needed to transport equipment including gasoline, paint & tools that are not conducive to carrying in a POV. I did use my personal SUV but did not take flammable items with us. Future work sessions need to have the vehicle use scheduled in advance or have some means of access setup before the session begins.

3. There were only two members on the team and we were both tired out by Thursday evening - hence no work on Friday. We ended up walking long distances to access cutting areas. Additionally there should be a minimum of 3 persons on the work crew for safety reasons in the event of an accident and/or injury.

Other Items of Note: **1.** Mile Post #327 needs repainting on the South side.

2. 1984 Ford pickup needs 4 new tires! Current tires are balding and have no traction on steep gravel roads.

3. Craftsman 4 cycle power brush trimmer needs servicing. It runs well initially but then when shut off it doesn't want to remain running when restarted. It appears to be a fuel problem - probably with the fuel lines in the tank as it does not want to re-prime - fuel lines in tank may be collapsing or kinking and shutting off the fuel supply.

Possible work areas for August work session - Tree/Brush removal area around Toltec.

Status of Project: This is a continuing project.

Project 0720 – Freight Car & Rolling Stock Painting

Objective: To paint the Kitchen Car (3591), Food Storage Car (3484) and Museum Car (3533).

Team Leader B & F: Don Stewart

Team Members, Session B: Lance Godfrey, Dave Sherburn, George Pearce, Jill Stewart, Noah Ward

Team Members, Session F: Richard Dick, Tom Hiscox, Peter Hogan, Judith Rosenberger & Robert Rosenberger.



Session C Chama Freight Car Painting Team was: George Pearce, Dave Sherburn, Noah Ward, Don Stewart, Jill Stewart and Lance Godfrey.

Summary of Work on Job 720 Accomplished:

Cars painted:

- Friends Kitchen car (3591) was painted.
- Friends Food Storage Car (3484) was painted.
- Museum Car (3533) was painted.
- Roof of the long stock car (3995) was painted in Antonito.

Friends Kitchen car (3591) was scraped and wire brushed to remove old paint and grayed wood during the first two days of the work session.



The car was then blown off with high pressure air to remove dust, soot and wood pieces. This was then primed with oil based primer which was thinned to improve its ability to soak into the wood. After drying overnight the primer was covered with two coats of Latex finish paint in Babbitt Brown (Boxcar Red) paint on Thursday. Friday the paint was touched up at the door frames. It is now ready for lettering.



Friends Food Storage Car (3484) was scraped and wire brushed to remove old paint and grayed wood during the first two days of the work session.



The car was then blown off with high pressure air to remove dust, soot and wood pieces. This was then primed with oil based primer which was thinned to improve its ability to soak into the wood. After drying overnight the primer was covered with two coats of Latex finish paint in Babbitt Brown (Boxcar Red) paint on Thursday. Friday the paint was touched up at the door frames. It is now ready for lettering.



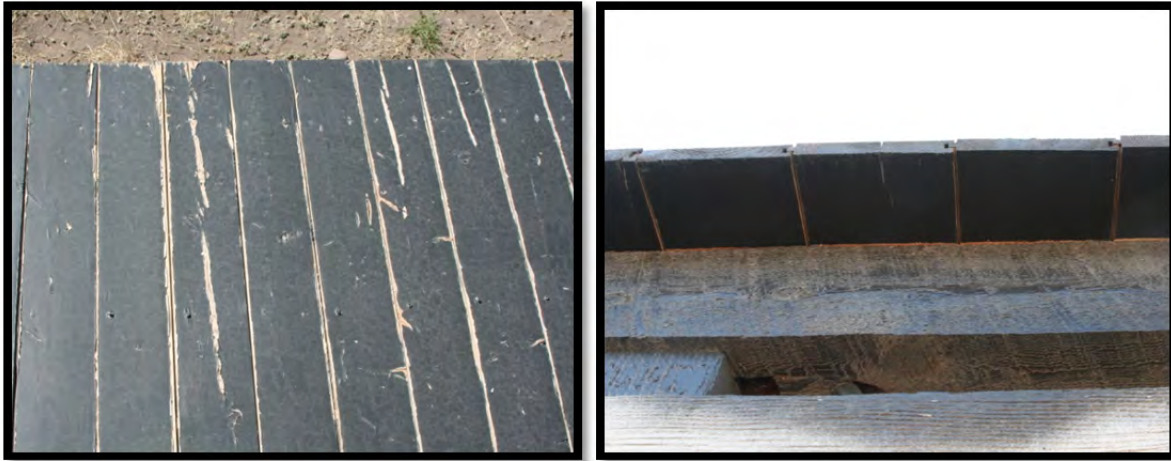
Museum Car (3533) was scraped and wire brushed to remove old paint and grayed wood during the first two days of the work session.



The car was then blown off with high pressure air to remove dust, soot and wood pieces. This was then primed with oil based primer which was thinned to improve its ability to soak into the wood. After drying overnight the primer was covered with two coats of Latex finish paint in Babbitt Brown (Boxcar Red) paint on Thursday. Friday the paint was touched up at the door frames. It is now ready for lettering.



Long Stock car 5995 roof was inspected to determine the reason for paint peeling after only two years. It was noted that the boards had dried out and separated from each other and pulled the paint apart. The paint edges then curled up. See photo below.



The left side photograph shows the top of the roof where the paint has pulled apart. The Right side Photograph shows the underside of the roof where the boards shrunk revealing the bare wood of the tongue and groove roof. All bare wood was repainted.

The roof was scraped and wire brushed on Tuesday June 19, 2012. It was swept off and given a coat of thinned primer. This was allowed to dry overnight. On Wednesday two coats of black latex paint were applied as a finish coat.

Recommendations: The following paint projects should be worked on during the 2012 Work Session F:

Work Session F in 2012

- Paint box car lineup in front of the roundhouse
 - Box 3254 (Friends Electrical and Stencil Storage Car)
 - Box 3016 (Friends Tool Car) – note just dust off and lightly coat the car until the new tool car is moved into the string
 - Box 3231 (Friends Bolt and Nail Car)
 - Box 3686 (Friends Paint Car)
 - Box 3339 (Friends Ladder and Scaffold Storage Car)
- Paint the new Tool Car being rebuilt during sessions C and D.

Future Work Sessions

- Paint Long Reefer 163 once siding has been replaced
- Paint RPO 54 once construction has been completed.

Project Status: This should be kept open as new paint requirements are determined each year.

Friends of the Cumbres & Toltec Scenic Narrow Gauge Railroad
Job 720 – Car Painting
2012 Session F
August 13, 2012 – August 17, 2012

Objective: To paint Boxcars, a stock car and a long reefer as well as the Osier Station.

Team Leader B: Don Stewart

Team Members Session F: Richard Dick, Peter Hogan, Robert Rosenberger, Judy Rosenberger, Tom Hiscox



Session F Chama Freight Car Painting Team was:

Rear: Spero Bettalico (Honorary team member) Don Stewart (Team Lead),

Middle Row: Richard Dick, Robert Rosenberger, Judy Rosenberger, Peter Hogan,

Bottom: Tom Hiscox.

Summary of Work on Job 720 Accomplished:

Cars painted:

- New Friends Tool Car (3585) was primed for winter (Project 1168).
- Long Refrigerator Car 163 new wood was primed on the left side and A end (Project 1185).
- Stock Car 5633 roof and upper side boards were painted (Project 1089).
- Box Car 3254 ends and left side were painted.
- Box Car 3016 ends and left side were painted.
- Box Car 3231 ends and left side were painted.

- Box Car 3686 ends and right side were painted.
- Boxcar 3669 (Project 1122) was given a finish coat of Boxcar Red paint on Thursday. It was primed by the crew as they re-applied the siding.

Structures painted:

- Chama Coal Tipple Machinery House front was painted (Project 1017).
- Osier Station was not painted due to Sunday, Monday and Tuesday rains in Osier.

Painting Process consists of scraping the old paint off and scraping the gray wood down to newer tan wood. This is blown off using compressed air. A thinned oil based primer is used to cover the entire surface to be painted. After 12 to 30 hours the primer is covered with two finish coats using latex type paint. Narrow gauge box and stock cars require 4 to 5 gallons of paint per coat. Gondolas usually need 3 gallons per coat.

Friends New Work Car 3585 (Project 1168) was painted white inside (along with several interior pieces) and the exterior was primed to preserve the car over the winter. Approximately 8 gallons of white oil based primer were used to prime the interior (and several interior pieces) and car exterior.

The car was primed with oil based primer which was thinned to improve its ability to soak into the wood on Monday, August 13, 2012. After drying for two days (it rained the evening after the car was primed) the car interior was covered with two coats of white Latex finish paint on Wednesday. Three Gallons of finish paint were used.



The car construction will be finished early next year and a final paint finish applied to the exterior.



Long Refrigerator Car 163 (Project 1185) was primed on Tuesday after it dried out following Monday's rain.



The left side and A end were primed using four gallons of white primer. The car will be finished next year and the car completely painted in the June or August Sessions.



Stock car 5633 (Project 1089) roof and upper side and end boards were primed on Tuesday, August 14, 2012. The car was dry as it was stored within the canvas car shelter.



The finish coat was applied on Wednesday, August 15, 2012. Three gallons of flat black Latex paint were used to finish the car. The next day it was moved back into the car shelter.



Boxcar 3254 ends and left side were refinished for display. The car was primed on Wednesday after drying from Monday's rain. It was scraped during the C Work Session and again on Monday and Tuesday during the F Work Session. Four gallons of primer were used.



The finish coat was applied on Thursday, August 16, 2012 using approximately 4 gallons of latex paint..



Boxcar 3016 ends and left side were refinished for display. The car was primed on Wednesday after drying from Monday's rain. It was scraped on Monday and Tuesday during the F Work Session.



The finish coat was applied on Thursday, August 16, 2012.



Boxcar 3231 ends and left side were refinished for display. The car was primed on Wednesday after drying from Monday's rain. It was scraped on Monday and Tuesday during the F Work Session.



The finish coat was applied on Thursday, August 16, 2012.



Boxcar 3686 ends and right side were refinished for display. The car was primed on Wednesday after drying from Monday's rain. It was scraped on Monday and Tuesday during the F Work Session.



The finish coat was applied on Thursday, August 16, 2012.



Boxcar 3669 (Project 1122) sides and ends were painted with a finish coat of Boxcar Red (Babbitt Brown). The primer and some finish color were applied to the car as it was being re-sided.



Boxcar 3669 before painting by the paint crew.



Boxcar 3669 after a finish coat was applied to the sides and ends.

Chama Coal Tipple (Project 1017) was primed and painted following the installation of new boards to the front of the Machinery house. It was primed on Monday August 13, 2012.



The finish coat was applied on Thursday, August 16, 2012. About 3 gallons of Boxcar red (Babbitt Brown) were used to finish the Coal Tipple.



All paint was provided by Spero Bettalico from Friends funds. His assistance to the paint crew continues to be critical to the painting effort. He provides paint and supplies to the places it is needed when it is needed.

Recommendations: The following paint projects should be worked on during the 2013 Work Sessions in June and August:

Expected Paint Crew Work in 2013

- Paint Long Reefer 163 once siding has been replaced.
- Paint new friends work car 3585 once final work is complete.
- Touch up Stock Car 5633 once the roof walk supports and final construction is completed.
- Paint Boxcar 3669 once reconstruction is completed.
- Paint Derrick OP once the rebuild is complete.
- Paint Gramps Tank cars depending on status. They are expected to be Sand Blasted in the June Work Sessions. An enamel primer and gloss black enamel will be applied to them immediately following the sand blasting.
- Paint the Osier Station or the Section House once the siding is replaced on the Section House.
- Paint the canvas roof of the RPO car 54 when it is ready (expected C or D Work Session in 2013)

- **Project Status:** This should be kept open as new paint requirements are defined each year.

Project 0730 – Freight Car & Rolling Stock Lettering - Chama

Objective: To letter previously painted freight cars and other rolling stock.

Team Leaders, Session C: Craig Kumler

Team Members, Session C: Robin Kumler & Anne Woolsey

Work Accomplished: The team lettered 3 box cars during Session C – 3090, 3125 & 3422



TL Craig Kumler & Robin Kumler lettering box car #3090.



Robin Kumler, TL Craig Kumler and Anne Woolsey working on #3422



Status of Project: This is an annual project.

Project 0732 – Freight Car & Rolling Stock Lettering - Antonito

Objective: Letter the Antonito display string consisting of a locomotive #495 and tender, 1 long reefer #166, 1 stock car #5747 and 1 box car #3724.

Team Leader, Session B: Valley Lowrance

Team Members, Session B: Don Jones, Fred Pittroff



Fred Pittroff, Team Leader Valley Lowrance and Don Jones

Work Accomplished, Session B: Engine 495 was lettered on both sides and front. Missing is 3" D&RG logo lower left under 495.



Display train at the beginning of Session B.



The Tender was numbered on the back with the 495 but no picture was available to know what else went on the back. We were unable to find the stencil of the Cumbres and Toltec Scenic R.R. that was to go on the side. Also the number 495 needs to be placed on the lower side as well as the logo to be placed above the Cumbres and Toltec Scenic R.R. lettering on the side



Rear tender freshly lettered.



Letter was completed on the street side and rear end of this car.



Letter was completed on the street side and rear end of this car.



Most of the lettering was completed on this car on side and back end. KEEP OFF, the letter L and the small D&RGW were not lettered as we couldn't find the 3" lettering.

Comments: I think the Tender should be lettered on both sides too as it is so visible from the road. (**NOTE:** Because of the number of individuals who I have seen taking pictures in, around and/or on this engine I believe this is a must for a future work session. Ted Smith)

Summary

Our assignment was to letter the repainted cars on the demo track on the side facing the entrance to the depot. We lettered both sides of the engine as it is so visible from both sides from the highway. The other cars were lettered on entrance side and ends as much as we could.

Remaining work to complete this project:

Engine: D&RGW to be stenciled on lower left below the 495. We couldn't find the stencil. This should be done on both sides.

Tender: The entire street side needs to be done with the Cumbres & Toltec Scenic R.R., the toilet seat logo and the 495 number in the lower center. We weren't able to find the large C&TSRR stencil at all.

Stock Car: I thought was complete but in looking at the pictures I realize we missed stenciling the following on the side: CAPY. 50000

LD. LMT. 55000

LT. Wt. 29100

Refrigerator Car: Is complete.

Box Car: KEEP OFF, the letter L and the small D&RGW were not lettered on the side as we couldn't find the 3" lettering. The end of the card has the D&RGW logo and car number stenciled on the upper right corner. I have since then found a picture that shows more information that needs to be put on the car:

Additional D&RGW logo centered at the top

K-1- Triple

W-A-Brake

COUPLER SHRANK 5 X 5

SINGLE POCKET DRAFT GEAR

METAL BRAKE BEAM

Since returning from this project I have received some better pictures from Bill Hiscox of these cars I'd be happy to share with someone.

Status of Project: More information needs to be added to the stock car and box car.

Project 0740 – Wood Preservative Treatment

Objective: To spray various cars and structural items with a 50/50 mix of mineral spirits and burnt linseed oil.

Team Leader, Session D & E: Spero Bettalico

Team Members, Session E: Charles Joerg & Philip Kuhl

Work Accomplished, Session D: A wood preservative treatment made up of 50% mineral spirits and 50% burnt linseed oil was applied to the following cars: Flat Cars 6314, 6544, 6649, 6708, 6746 & 6755.

Structural items painted: Sand storage bin be the Coal Tipple, the Rio Chama Trestle walkway and the complete deck of the Chama Depot.



TL Spero Bettalico spraying the Chama Depot platform.

Session E - Treated the inside wood with two coats of 5% thinner and 50% burnt linseed oil on the following railroad cars. High side Gondola's numbers 727, 791, 811 & 9558.

Status of Project: Completed at this point.

Project 0750 – Milepost & Whistle Board Maintenance

Objective: Paint all signage and replace as needed.

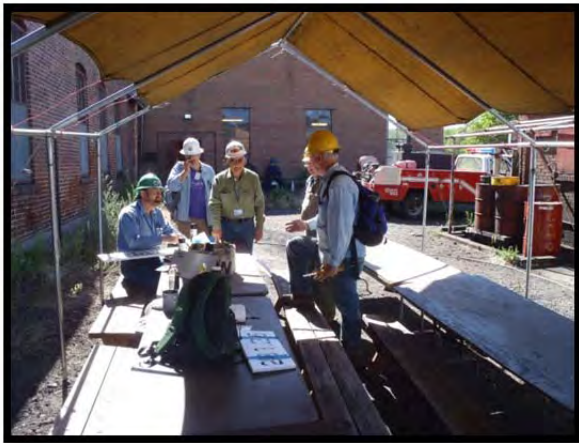
Team Leader, Session C: Jim Gross

Team Leader, Session D: Bob Ross

Team Members, Session C: Paul Davenport, Mike Mahoney, Terry Woolsey & John Mitchell

Team Members, Session D: Bob Hawkins & Wayne Huddleston

Work Accomplished, Session C: Painted 3 Mile Posts. Painted 2 Whistle Boards. Touched-up 1 Mile Post. Touched-up 6 Whistle boards. Installed 10 New Bridge Numbers. Replaced 1 Mile Post. Painted 1 "40 Car Sign. Straightened 1 Speed Sign. Puttied holes in Mile Post 284 made by shotgun holes. It needs painting. Painted 3 signs on the Chama Station Platform.



TL Jim Gross talks to Terry Woolsey as other members listen.



Terry Woolsey working on the “Baggage” sign for the Chama Depot.

Work Accomplished, Session D: Painted: 7 Whistle Boards, 5 Mile Posts, 1 Station Sign and Chama Depot Baggage Sign. Replaced 1 Whistle Board. Fabricated, painted and assembled future Lava Station sign. Straightened 1 Metal Whistle Post and 1 Wooden Whistle Post.



“Warning” sign had been painted, lettered and hung back in its place.



Bob Hawkins and Wayne Huddleston install repainted and lettered “Baggage” sign.

Status of Project: This is an annual project.

Project 0760 – Chama Station Repairs (glass, doors & casings)

Objective:

Team Leader, Session A: Frank Smucker

Team Leader, Session E: Spero Bettalico

Team Member, Session A: Ed Holowinko

Team Members, Session E: Charles Joerg & Philip Kuhl

Work Accomplished: DAY ONE Monday 21 May 2012

- Team met at the Chama Station at 8:00 AM on Monday 21 May 2012 with all members present.
- Team members did their own introductions but most knew each other from past Work Sessions.
- Clyde Putnam (Project 780) did a short safety reminder of safety rules, sun, altitude, dehydration warnings.
- Carol Mackey discussed lunch plans and location in the Wood Shop.
- Frank explained the project.
- Ed and Frank surveyed the Bay windows and door casings which needed work.
- It was determined that the metal frames should be removed and taken to a glass company to order and install tempered glass for safety reasons.
- After consulting with Ed Lowrance, a call was made to Pagosa Springs Glass Co and it was found that the glass would have to be ordered so it was felt best to take the frames there so they would have the correct measurements and be able to order the glass as soon as possible which might not be until Friday, 25 May 2012.
- Ed began removing the frames and repairing the glazing on the exterior of the station windows.
- After lunch break, Ed and John Altshool drove to Pagosa Springs Glass Co in the Friends Ford pickup truck with the window frames which they left there. They were able to return by about 3:15 pm
- Ed was informed that it might take until Friday, 25 May for them to get the glass even if their supplier had the glass in stock.
- With Monday 28 May being a holiday, the window might be ready to be picked up some time during the B Work Session.
- Ed joined the 1182 team for dinner at Patsy's that evening.

DAY TWO Tuesday 22 May 2012

- Ed was at the station ready for work before 8:00 am.
- He continued to chalk the exterior of the station bay windows and station north end. After Spero got D&RGW brown paint, stain and sealer, Ed painted all the chalked windows and trim needing paint.
- Ed also continued staining and sealing the planks being installed for Project 1182.
- Ed painted the station north end bench.

DAY THREE Wednesday 23 May 2012

- Ed worked with Project 1182.

DAY FOUR Thursday 24 May 2012

- Ed worked with Project 1182.



Ed Holowinko stains a new board while Dr. Druby Herbert, Dr. Alan Robson and Ron Lira work on removing planks that need to be replaced. **NOTE:** The glass was received and John Eng installed it on Saturday after Session D.

Session E: Treated the inside wood with two coats of 50% thinners and 50% linseed oil on the follow railroad cars: High Side Gondolas # 727, 792, 822 & 9558

We were unable to treat the hand rail on the Lobato trestle due to access problems. All work was completed by the end of Monday Aug. 6, 2012, therefore Charles Joerg was reassigned to project 1168 Aug 7th and Philip Kuhl was reassigned to project 1122 Aug 7th.

Status of Project: Completed

Project 0770 – Project Discovery

Objective: To look for future projects for the Project Committee.

Team Leader, Session A & B: Ed Lowrance

Team Leader, Session C: Bob Ross

Team Leader, Session D: Bill Lock

Team Leader, Session E & F: John Engs

Work Accomplished: *NOTE:* Nothing was turned in on this project.

Comments and/or Complaints, if any:

Status of Project: If not completed – your best estimate of the number of work sessions remaining to complete the project.

Project 0780 – Maintenance of Wheels, Brakes & Safety Appliances

Objective: Chama Bettendorf trucks delivered to Antonito. All framed tankers on Archbar trucks. Improve triple valve test rig inside the Brake Appliance Test Facility. (This might be a repaired version of the existing rig in the oil house, or one totally new). Make the Brake Appliance Test Facility available for use.

Team Leader, Session A, C & E: Clyde Putman

Team Member, Session A: David Ley

Team Members, Session C:

Team Members, Session E: Hardy Cruise, Chuck Dueker, Jim McGee, Daniel E. McGunegle
Guy E. McGunegle & Rich Tower

Work Accomplished, Session A:

- Brake tests and repairs as possible on 04426, 04407, 3669, 3014, 5553
- Inspect underside hoses on 04426 and 04407 and design replacements as needed (to be installed in session "C")
- Reinstall brake rigging and brake test on UTLX 13168
- Strategize truck swaps for unlettered Sheep dip track tanker, UTLX 12962, UTLX 12739
- Examine boxcar 3570 which has a mismatched truck. Consider stealing correct truck from P-box 213 which Alan considers a donor. If all is go, get permission. This would get another boxcar on the road.
- Strategize Brake Appliance Repair Facility work.
- Complete design of triple valve test rig.
- Maybe we can load the Chama Bettendorf's to ship to Antonito.

Session C: Clyde and 6 (2 to work on Brake Appliance Repair Facility, 4 to work on trucks)
B.A.R.F.:

- Install pigeonholes from woodshop, install wall with locking door, install lockable shutters on the inside of windows, paint. Install triple valve test rig.

Trucks:

- Load Antonito Bettendorf trucks if still in Chama
- Install Archbar trucks on Sheep dip tanker, UTLX 12962, UTLX 12739



Bettendorf trucks have been removed.



Archbar trucks installed on both ends. 65

Attempt repair on UTLX 12757 (high coupler)

Brakes:

Work as needed for cars not road able from "A" and other requests from the RR and Friends.
Clyde and ?? (I am guessing 2)

Complete work not done in A and E

Session E: Over the course of the week the team inspected and repaired over 30 cars for brake, bearing and safety concerns. We replaced a broken air filter on the blue "pontoon" air compressor, replaced stirrups on one boxcar, built new handbrake platforms for 2 boxcars, replaced brake shoes on a couple of cars, installed bearings on one boxcar that was on wood, rebuilt 3 triple valves for cars that had triple valve issues. The team worked extremely well together. Rich, Dan and Guy took over the platform building and did a super job. Chuck and Jim took over the stirrup replacement work and did most of the brake testing and adjustments. Both of these jobs were way larger than I had expected. Hardy was SUPER helpful as he moved between the two crews.

Attached, please find an excel sheet that shows the specifics on what cars we touched and repaired.

Gon	1232	South Yard		Bad order	No triple valve
Box	3331	South Yard		Bad Order	Bad roofwalk, Bad triple valve
Box	3422	Swamp		Bad Order	Missing grab iron, missing brake shoes, bad roofwalk
Box	3570	South Yard		Bad Order	Wrong truck on one end so no side bearing support
Stock	5691	South Yard		Bad Order	Roof too far gone for grabiron reinforcement
Tank	12739	Ready Track (moving to Oil Dock)		Bad Order	Drawbar Springs missing
Tank	12757	Oil loading Dock		Bad Order	High couple, missing brake linkage
Drop Bottom Gon	859	South Yard		OK	
Gon	1159	South Yard		OK	
Box	1534	South Yard		OK	
Pipe	1557	South Yard		OK	
Pipe	1648	South Yard		OK	
Box	3014	Ready Track		OK	A end stirrup replaced. Bearings check and oiled.
Box	3073	South Yard		OK	
Box	3090	Swamp		OK	Braking platforms replaced. Full of locomotive parts so HEAVY. Bearings checked.
Box	3125	Swamp		OK	Braking platforms replaced. 2 wood bearing replaced. Triple Valve repaired. Full of telegraph parts.
Box	3592	South Yard		OK	
Box	3593	South Yard		OK	
Cable Car	04426	South Yard		OK	Full of Derrick parts, HEAVY.
Stock	5549	North Yard		OK	On Engineers School train, not checked but presumed OK
Stock	5674	South Yard		OK	Replaced 2 brake shoes
Stock	5706	South Yard		OK	Brake hose is sketchy
Stock	5841	South Yard		OK	Brake hose is sketchy

Flat	6200	Swamp	OK	Loaded with display trucks, need to be chained prior to use. Bearings checked.
Flat	6214	North Yard	OK	On Engineers School train, not checked but presumed OK
Pipe	6314	South Yard	OK	
Pipe	6708	South Yard	OK	
Pipe	6746	South Yard	OK	Needs A-end gladhand seal
Pipe	6755	South Yard	OK	
Tank	12918	Oil Loading Dock	OK	
Tank	13168	Oil Loading Dock	OK	
Stock	5600	South Yard	OK	Needs "A" end gladhand seal
Drop Bottom Gon	724	South Yard	OK with possible repair	A end grabiron broken
Drop Bottom Gon	764	South Yard	OK with possible repair	Brake pipe not affixed to car.
Drop Bottom Gon	774	South Yard	OK with repair	One top siding board is very loose should be removed or secured
Box	1456	South Yard	OK with repair	Clogged retainer line
				Friends to reinforce roof grab irons during "F".
Stock	5553	Sheep Dip Track	OK with repair	Triple repaired during "E". Bearings checked and oiled

Status of Project: This is a continuing project.

Project 0790 – Sheep Pen & Railroad Property Mowing

Objective: Make the property look well-kept and inviting.

Team Leader, Session D: Len Jones

Work Accomplished: *NOTE:* Bush hog was damaged and unable to be used so nothing was done on this project during the work sessions in 2012.

Comments and/or Complaints, if any:

Status of Project: Not completed - Should be scheduled for 2013