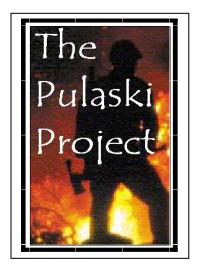
### Pulaski Tunnel Trail Idaho Panhandle National Forests (March 1, 2005)



### Trailhead Area:

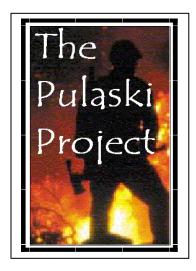
Progress continues on the final design phase of the trailhead area. A field review of the final plan set is tentatively scheduled for the week of March 7<sup>th</sup>. Bids will be solicited from selected contractors following final approval of the plans.

After soliciting bids from two bridge fabricators, an award was made to the Moosman Bridge Company to supply the 70' bridge over Placer Creek at the trailhead area. Shop drawings for the structure were reviewed and approved on 2/9/2005, allowing the manufacturer to begin fabrication.



Moosman Bridge

### Pulaski Tunnel Trail Idaho Panhandle National Forests (April 1, 2005)



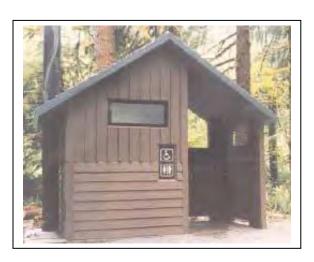
#### Trailhead Area:

A Consultant (DJ&A, P.C.) and Forest Service field review of the final plans was conducted on March 15<sup>th</sup>. As a result of the field review the trail alignment was shifted slightly to provide more separation between pedestrians and traffic adjacent to the Moon Pass Road, and to facilitate construction of the block wall segment of the trail along Placer Creek.

Anticipated schedule for this phase of the project is to send bid packages out to selected contractors on April 11<sup>th</sup>, and open bids by the last week of April. This should allow for construction on the Trailhead Area to begin by the first week of June.

Moosman Bridge Company has purchased all necessary materials and has started fabrication on the Placer Creek Bridge.

The two tone color Cascadian ADA accessible concrete toilet with sweet smelling technology has been selected for installation in the trailhead parking area. The unique texture and steeper roof pitch gives the Cascadian a distinctive look much like the old CCC designed buildings and fits very well with the theme of the Pulaski Tunnel Tail project.



### **Trail Reconstruction:**

The subcontractor performing this aspect of the work has purchased timber and hardware for the four trail bridges and three puncheon bridges. Trail construction is also anticipated to be in progress by the first week in June.

### **Project Interpretive Signing:**

The Forest Service has received approval of the \$60,000 funding request under the Northern Region Centennial of Service Challenge Cost Share Program to cover major costs for interpretive signs and exhibit. Cort Sims (IPNF Archeologist) has completed a significant amount of research to facilitate interpretation of the Pulaski story as well as the Great Fire and it impacts on environmental, social and forest management issues. The Pulaski Tunnel Trail Action Committee will play an important role in the helping develop the theme for the twelve porcelain interpretive signs.

#### **Trail Reconstruction:**

Plans for the four timber bridges and three puncheon bridges have been completed, and prices are being solicited to furnish, fabricate, and treat the timber materials for these trail structures. Purchase of this material should be completed by the 2<sup>nd</sup> week of March.

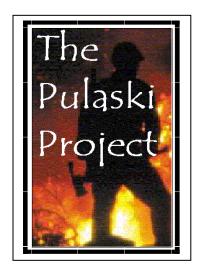
### **Project Funding Strategy:**

The Idaho Panhandle Resource Advisory Committee (IPRAC) approve \$26,500 for the Pulaski project at the February 18<sup>th</sup> meeting by funding the four treated timber trail bridges along the trail system beyond the Pulaski trailhead area.

The Forest Service has submitted a \$60,000 Idaho Department of Parks and Recreation (IDPR) Grant Application to complete construction of the 1.8 miles of trail to the historic Pulaski Tunnel. In conjunction with the RAC funding this should be adequate funding to complete trail construction estimated between \$85-90,000. With approval, this funding should be available in June of 2005. Contingency plans are being developed for completion of the trail should the Pulaski project not be approved under the IDPR grant request.

The Forest Service has also very successfully competed for \$60,000 under the Northern Region Centennial of Service Challenge Cost Share Program to cover major costs for interpretive signs and exhibits. Signs and exhibits will be developed to interpret the Pulaski story as well as element of the history of the Great Fire and its environmental and social effects that remain an influence on forest management.

### Pulaski Tunnel Trail Idaho Panhandle National Forests (June 8, 2005)



### Trailhead Area:

A subcontractor has been selected to construct this portion of the project. The trailhead work is to include: erection of the 70 foot span pedestrian bridge, modifications to the existing parking area, installation of a concrete vault toilet, and constructing the ADA accessible section of the trail.

It is anticipated that the Contract Documents will be fully executed, and the pre-construction phase of the project will be completed by mid-June, after which it is the intention of the subcontractor to immediately begin construction.

Construction, structure control survey work by DJ&A, P.C., who is serving as the prime contractor under this design build contract, is scheduled to begin on Monday, June 13.

Fabrication of the Moosman Trail Bridge has been completed. The superstructure will be delivered after completion of site work the bridge concrete substructure.

### **Trail Restoration/Construction:**

A subcontractor has been selected to perform this portion of the project. It is anticipated that the Contract Documents will be fully executed, and the pre-construction phase of the project will be completed by mid-June, after which it is the intention of the subcontractor to immediately begin construction.

RAC (Resource Advisory Committee) funding in the amount of \$26,500 has been obligated toward construction of the four glu-laminated treated timber trail bridges. Shop drawings for the treated timber elements for this phase of the project have been approved, and fabrication of this material should begin this month by Permapost, located in Hillsboro, Oregon. These four timber trail bridges will be assembled and installed along this approximate 2-mile trail segment along the West Fork of Placer Creek, to provide pedestrian access to the Pulaski Tunnel viewpoint.

### **Project Interpretive Signing:**

The Forest Service has contracted with Grady Myers to develop the illustrations for the twelve porcelain signs planned for interpretation of the Pulaski story. Working closely with the Wallace Pulaski Committee headed up by Jim See and Ron Roizen and the IPNF Forest Archeologist (Cort Sims), this task is progressing very well. Grady Myers previously did a tremendous job with all the illustrations for the 46 porcelain interpretive signs currently located on the Route of the Hiawatha Trail.

The Forest Service has contracted with Melt Turley to fabricate the steel interpretive sign posts to be installed on the project. Both Melt and Grady Myers are providing their services to the project at minimal costs.



### **Project Funding Strategy:**

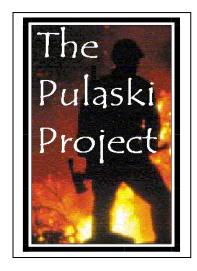
The Forest Service recently received word from the Idaho Department of Parks and Recreation (IDPR) that the \$60,000 grant request for the Pulaski Tunnel Trail project has been approved. This was the final piece to the puzzle to provide adequate resources for completion of the Pulaski Tunnel Trailhead and Trail construction project. Contributions for this project has come from various sources with our thanks to all those who have contributed time and funding toward the project:

- Senator Craig's Office Federal Funding Earmark (Spearheaded by the Pulaski Committee)
- □ IPRAC (Idaho Panhandle Resource Advisory Committee)
- □ Wallace Pulaski Committee (Jim See President)
- □ Idaho Department of Parks and Recreation (IDPR Recreation Trails Program Grant)
- Idaho Panhandle National Forests (CMTL Trails Capital Investment and TRTR Roads and Trails Fund)
- □ US Forest Service Northern Region Centennial of Service Challenge Cost Share Program (Project Interpretation Funding)
- □ DJ&A, P.C. (Project Consulting Engineers)
- □ Grady Myers and Melt Turley (Project Interpretation)

We hope to have some construction pictures to include in next month's project status report.

### Pulaski Tunnel Trail Idaho Panhandle National Forests

(July 11, 2005)



### Trailhead Area:

A subcontract for the trailhead was awarded to Wesslen Construction of Spokane, Washington with a scheduled completion date of September 30, 2005. The subcontractor has started work at the site and has been concentrating on constructing the two bridge abutments. Concrete for the first abutment was placed during the week of June 27<sup>th</sup> and for the second abutment on July 7<sup>th</sup>. Concrete for Abutment No. 2 will be required to cure for seven days, after which the subcontractor will be allowed to set the bridge superstructure.

On July 6<sup>th</sup> the Moosman Bridge was delivered to the project, was off-loaded, and is currently stockpiled on site. At present the subcontractor anticipates setting the bridge on Monday, July 18<sup>th</sup>.

In addition to the work on the concrete abutments, the subcontractor has set the vault for the toilet and has excavated for the parking lot retaining wall. The current schedule is to continue working on the parking lot area. It is anticipated that concrete for the footings will be placed during the week of July 11<sup>th</sup>.



WORKERS FORMING ABUTMENT NO. 2



CONCRETE BEING PUMPED FOR ABUTMENT NO. 2



MOOSMAN BRIDGE STOCKPILED ON SITE

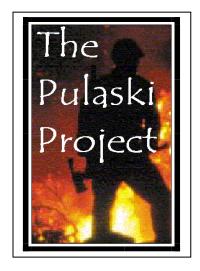
### **Trail Reconstruction:**

KD Construction of Pinehurst, Idaho has been awarded the subcontract to construct the non-ADA portion of the trail with a scheduled completion date of September 15, 2005. The subcontractor has completed approximately 80% of the brushing for the trail, but still has to scatter the resulting slash.

The current schedule is to continue working on the grubbing of the lower, new section of trail, and re-constructing the non-timber elements of the original trail. Treated timber materials are scheduled to arrive on site by mid-August.

### Pulaski Tunnel Trail Idaho Panhandle National Forests

(September 15, 2005)



### Trailhead Area:

The subcontractor has been concentrating on constructing the block retaining wall and associated trail work on the north end of the bridge. The current schedule anticipates the block work will be completed by September 23.

Other work that is scheduled to be completed by the end of the week of September 23 includes; erecting the guard rail system to protect pedestrians moving from the parking lot to the highway crossing, constructing the trail from the parking lot to the highway, and rough grading the parking lot.

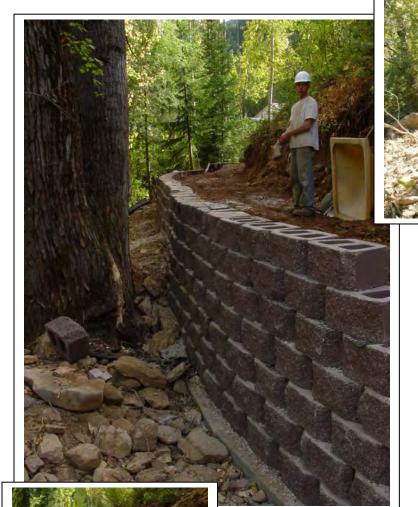
At this time we are planning for paving to take place during the first week of October.

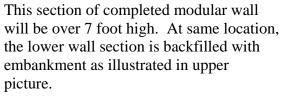
Trailhead construction is behind schedule based on the original planned completion date of September 30, 2005 but should be completed by mid-October.

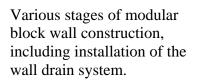


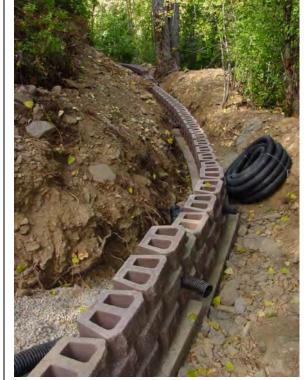


Workers placing concrete for block wall footing. Upper picture is modular block wall nearing completion at same location.











The upper section of the toilet was re-set but sustained damage in the manufacturer's plant and was not accept. The entire toilet is schedule to be replaced.

### **Trail Reconstruction**

Approximately 1 mile of trail has been constructed with the exception of some of the smaller timber structures. Materials for the treated timber trail structures were delivered on August 30<sup>th</sup> and the subcontractor has erected two of the small puncheon bridge sections.

The subcontractor has been working on removing a rock points and constructing gabion baskets to complete the "switchback" area on the lower section of trail.

Trail construction has fallen behind schedule from the planned September completion date and is expected to continue through October and early November. A realistic trail opening will be in the spring of 2006 with the onset of winter.



Trail Subcontractor transporting treated timber materials for construction of one of the trail puncheons

Partially completed gabion basket section at the base of switchback



### Pulaski Trail Construction



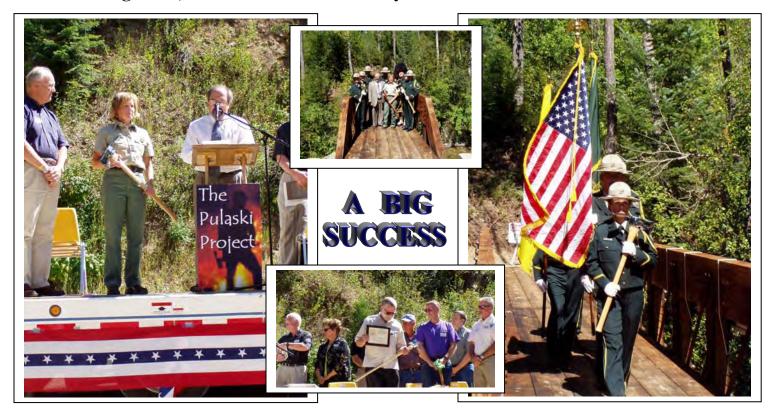
The Forest Service has finalized the locations of the interpretive signs and processed a modification to the contract for installation of interpretive signs, with a planned completion date for interpretation by June 15, 2006. Interpretation signs may be installed in conjunction with public use of the trail facility next spring.

### Pulaski Tunnel Trail Project – Multi-Agency Effort

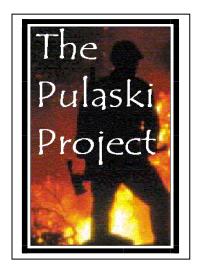
The Idaho Department of Lands (IDL), Bureau of Fire Management recently made a contribution to the Pulaski Tunnel Trail Project with the donation of the 21 Pulaskis estimated at an approximate \$1000 value. The pulaskis will be used in conjunction with project interpretation. The IDL also contributed the labor to treat (weatherproof) the Pulaski handles and provided an IDL truck for hauling Government supplied materials. We want to express our appreciation to Justin Muhlhauser (IDL Fire Cache Manager).



### August 20, 2005 Dedication Ceremony:



### Pulaski Tunnel Trail Idaho Panhandle National Forests (August 16, 2005)



### Trailhead Area:

The subcontractor (Wesslen Construction) placed the prefabricated Moosman bridge on the cast-in-place abutments during the third week of July. Other major work during the past month includes placing concrete for the parking lot retaining wall. Now the subcontractor is concentrating on constructing the concrete footing for the first segment of modular block wall. All of the concrete for this section of footing should be placed by Tuesday, August 16<sup>th</sup>. For the remainder of the month, the Subcontractor will be placing blocks and backfilling to complete this initial 175 foot segment of trail utilizing a modular block wall.

The upper section of the concrete CXT Cascadian toilet building was damaged during erection and it is the intent of the Subcontractor to have the replacement section in place by the first of next week (August 22<sup>nd</sup>).



Construction of the parking area concrete retaining wall.

Setting the prefabricated Moosman Bridge on cast-in-place abutments.



Concrete placement for modular block wall footing. (Note: new trail will be constructed on an elevated grade to the right side of photo)

### **Trail Construction:**

The subcontractor (KD Construction) has roughly completed approximately 4500 lineal feet of trail. This includes approximately ½ mile of new construction and 1200 feet of reconstruction.

The subcontractor is still waiting on timber materials to construct the four small timber bridges and three puncheon sections. Surfacing remains to be placed over the new section of trail construction. Surfacing will not be placed until the first bridge has been constructed to facilitate delivery of crushed aggregate material.



"Full Bench" section of new trail

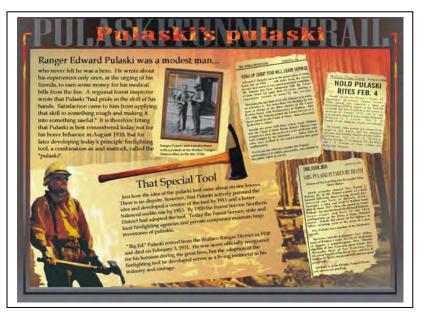


Trail construction through talus slope areas and placement of trail tread material

### **Interpretive Signing:**

Grady Meyers has done an exceptional job with the completion of the 12 proofs for making the porcelain interpretive signs that tell the Pulaski story as will as the Great 1910 Fire and its impacts on the local community, the Forest Service and many generations to come.

Steel interpretive sign posts have been fabricated, powder coated and will be installed by the Contractors by late September.



### **Dedication Ceremony:**

Although the Pulaski Tunnel Trail project is still in its early stages of construction, the scheduled August 20, 2005 dedication ceremony has been scheduled due to the significance of this date. On the night of August 20, 1910, Ranger Ed Pulaski secured his crew in the Nicholson mine, and held them there with the threat of using his revolver on any man who tried to leave.

The story became the best remembered event of the Big Blowup and, according to historian Stephen J. Pyne, also became the defining symbol of the U.S. Forest Service's subsequent disposition toward the suppression of wildfire.

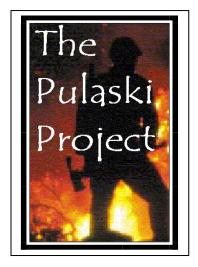
Pulaski later refined the "Pulaski tool," a combination axe and mattock, which is the most popular implement used by wildfire fighters to this day.

Senator Larry Craig, key sponsor of this project, will attend the dedication and offer some remarks. Under Secretary Mark Rey has also indicated he will attend this dedication ceremony to commence at 1 p.m. on Saturday August 20<sup>th</sup> at the Pulaski Trailhead, located approximately a half-mile south of Wallace on the Moon Pass Road.

Larry Shepherd
Construction Engineer/COR

### Pulaski Tunnel Trail Idaho Panhandle National Forests

(October 31, 2005)

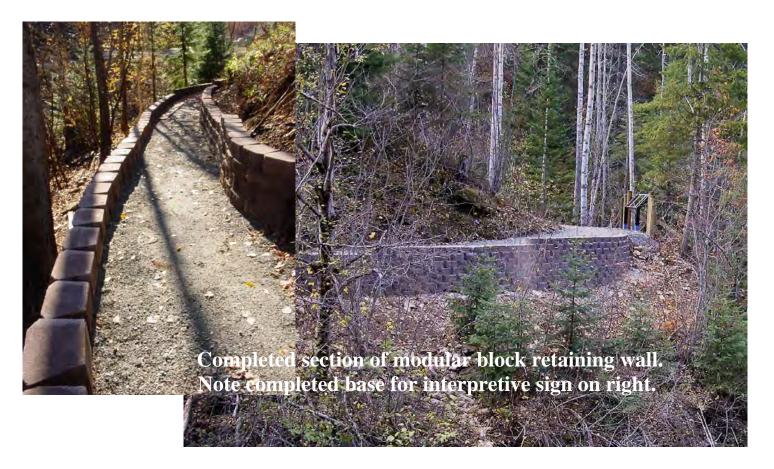


### Trailhead Area:

The subcontractor (Wesslen Construction, Inc.) has completed all winterization work on the trailhead area and has pulled off of the project for remainder of this year. Recently completed tasks include: construction of all segments of the block retaining wall, furnishing and placing crushed aggregate base for the parking lot and trail, erection of permanent signs, erection of sign bases for interpretive signs, replacement and re-installation of the Cascadian toilet, installation of the bollards at the bridge, minor landscaping, and general clean up.

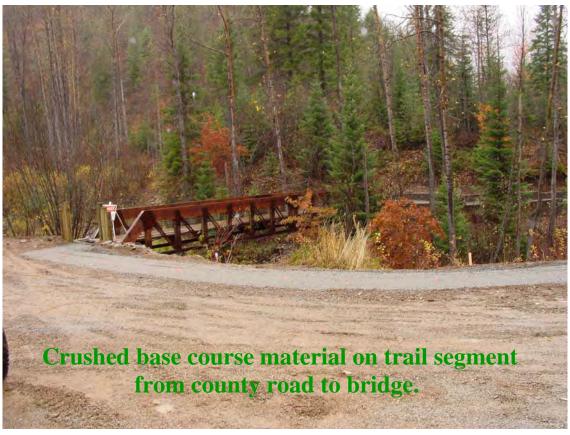
All remaining work will be completed as soon as weather will allow in the Spring of 2006. This work will consist of paving the parking lot and trail, installation of pin-down curbs, and painting permanent traffic markings for the cross walk and parking stalls.

















### **Trail Construction:**

The subcontractor (KD Construction) continues to work on pioneering of the new trail and, weather permitting, hopes to complete this work by mid-November. After completing roughing in the trail to the

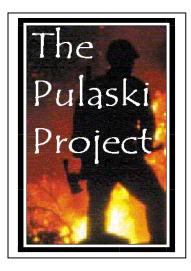
overlook area, or when weather prevents working on the upper portion of the project, the subcontractor intends to begin erecting the two lower treated timber bridges near the trailhead area. Final trail construction is anticipated to be complete by June 15, 2006.

## Pulaski Trail



### Pulaski Tunnel Trail Idaho Panhandle National Forests

(June 21, 2006)



### Trailhead Area:

The subcontractor has substantially completed all work on the trailhead area. Recently completed tasks include: paving the parking area and trail, dressing the site with topsoil, installing curb sections, and painting permanent traffic stripping.

A Final review of the Trailhead portion of the project conducted by the Forest Service identified three minor deficiencies that need to be addressed by the subcontractor (Wesslen Construction) to close out this portion of the project. The subcontractor intends to correct the noted deficiencies by the end of the week of June 23<sup>rd</sup>.



# Trailhead Construction

Workers placing asphalt in trailhead parking area.

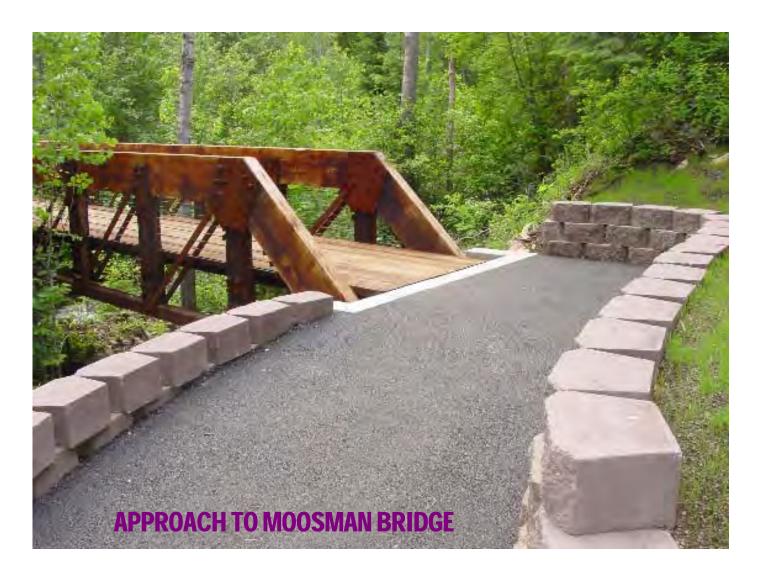
Contractor placing hot bituminous asphalt surfacing on trail.

### IF YOU BUILD IT THEY WILL COME



















Additional work items in the trailhead area have been subcontracted to KD Construction and this work should be completed by mid-July. Items include: installation of Pulaskis on the permanent trail signs, and erection of a cable pedestrian guardrail from the parking area to the bridge.

Independent of the construction contract, the Forest Service has recently completed the installation of the three porcelain interpretive signs in the trailhead area of the project. The remaining nine porcelain interpretive signs will be installed upon completion of the trail.

### **Trail Construction:**

Since resuming construction following the winter shut down the subcontractor has completed installation of four timber bridges and has finished pioneering the trail to the overlook area. Currently the subcontractor is working on the interpretive sign installations at the overlook area. After completing the work at the overlook, the subcontractor will move back down the trail to dress cut slopes, install

remaining interpretive sign posts, place gabion basket section in mine tailings area, place crushed aggregate on lower trail, install doweled rail fence in two locations and construct the cable pedestrian guardrail system in the trailhead area.

Based on current progress, KD construction should complete all of the trail work by mid-July.

# Pulaski Trail



