



# Doris Duke Eastern Leg Final Report

September 2014

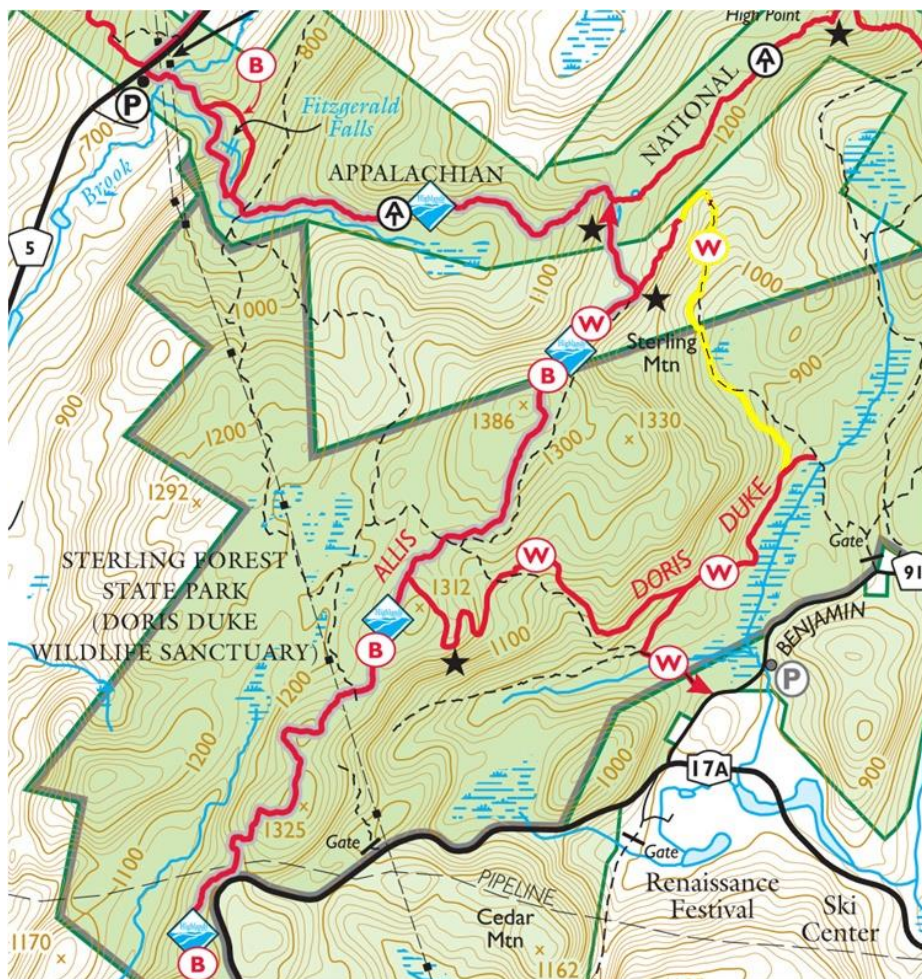
Prepared for:

**Sterling Forest Backcountry Trails Program**

(Sterling Forest State Park, NY-NJ Trail Conference,  
NYS Office of Parks, Recreation, and Historic Preservation)

Prepared by: NY-NJ Trail Conference

# Location of Work Site



Eastern end of the  
Doris Duke Loop trail's  
lower leg





Connecting People with Nature since 1920

## Project Summary

### 4615 feet of trail defined from May to October 2014

- > 30% of total trail improvement include side-hilling

Other improvements include stone & mineral soil paving, swales & water bars, watershed armoring

Surface hardening, such as stone paving or stairs, were placed in sites with high erosion potential or perennially wet sites

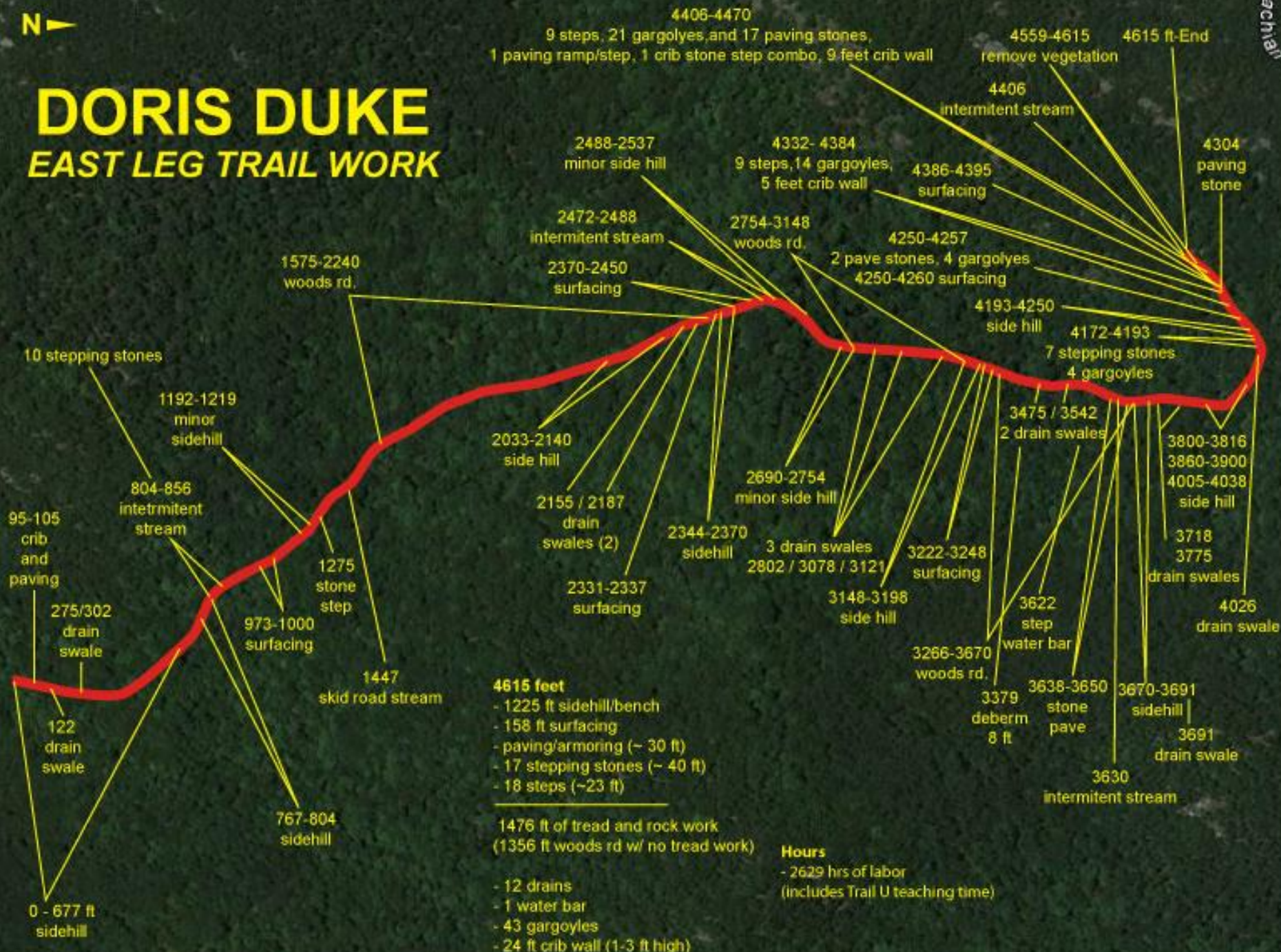
### 2,629 hours logged across crew and volunteer service

140% increase from 2013's volunteer hour total on Doris Duke

Repeat volunteers contributed about 40% of all work hours



# DORIS DUKE EAST LEG TRAIL WORK



**4615 feet**  
 - 1225 ft sidehill/bench  
 - 158 ft surfacing  
 - paving/armoring (~ 30 ft)  
 - 17 stepping stones (~ 40 ft)  
 - 18 steps (~23 ft)

**1476 ft of tread and rock work**  
 (1356 ft woods rd w/ no tread work)

- 12 drains
- 1 water bar
- 43 gargoyles
- 24 ft crib wall (1-3 ft high)

**Hours**  
 - 2629 hrs of labor  
 (includes Trail U teaching time)

palachman





Connecting People with Nature since 1920

# Volunteer Achievements

## Workshops

13 individuals participated in 3 Trail University Courses, logging a total 80 volunteer hours





# Volunteer Achievements



Connecting People with Nature since 1920

## Hours Of Service

1312 total volunteer work hours

50 new, 17 repeat volunteers

> 415 hours logged by a single volunteer- Mark P.





# Construction Achievements



Connecting People with Nature since 1920

## Tallies

1225 linear feet of side-hill

1476 linear feet of tread definition and rock work

13 drainage structures installed















Connecting People with Nature since 1920

## Construction Achievements: Side-hill Bench



Before



After





# Construction Achievements: Armored Stream Crossing



Before

In Progress

Completed

## Tallies

7 stones quarried and set

~160 collective hours on this section





## Construction Achievements: Surfacing & Tread Definition



Before



After





Connecting People with Nature since 1920

## Construction Achievements: Stone Paving



Before



After





## Construction Achievements: Stone Steps



Before



After

Note: Ferns were transplanted off trail.





Connecting People with Nature since 1920



**Thank you for your support!**