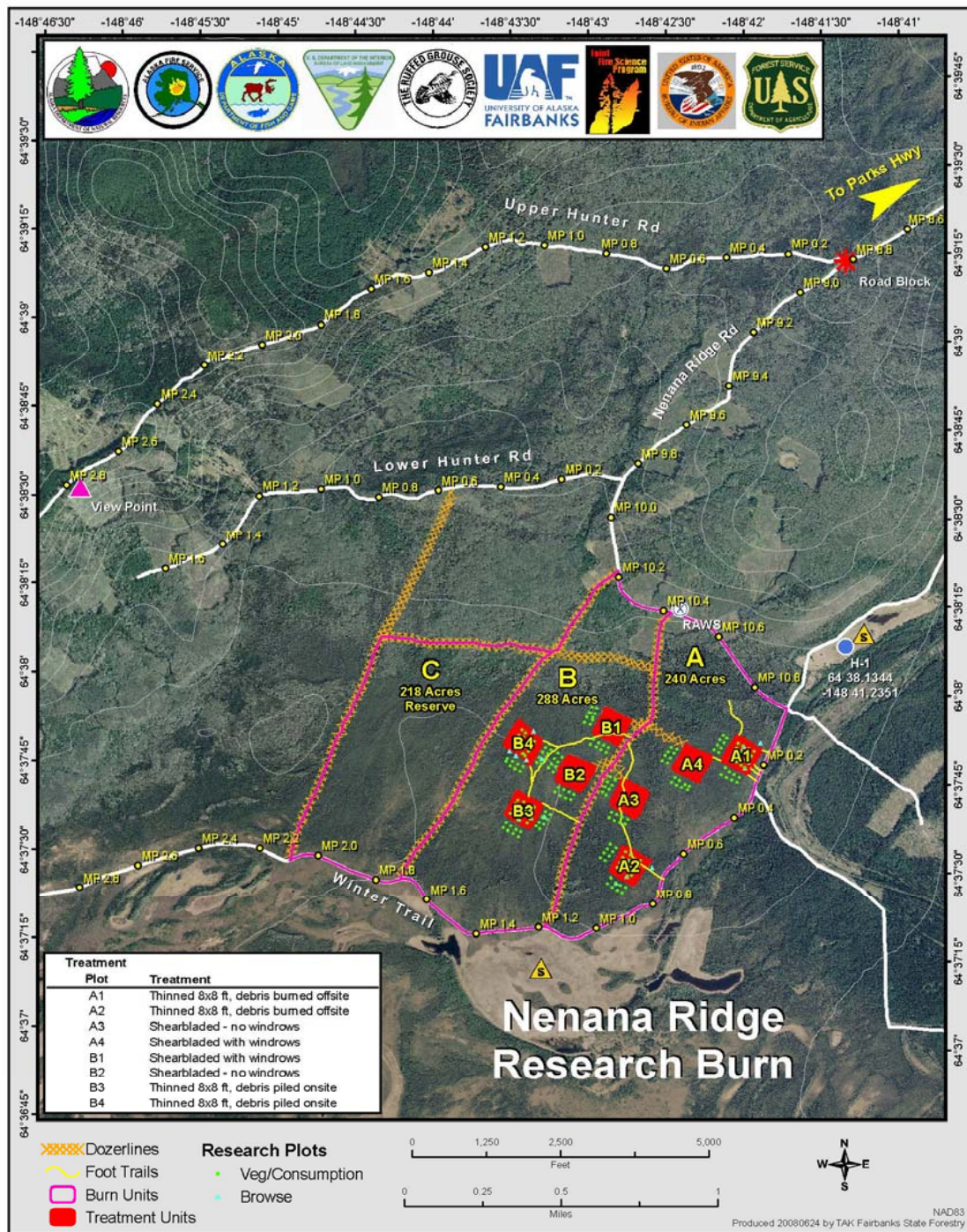


# NENANA RIDGE RESEARCH BURN

Structure and Costs









# Operational Group



# Nenana Ridge Research Burn

- ▣ Operational Structure and Costs:
  - Suitable site for burn...visit options
  - Layout ...grid pattern
  - Time lines for each phase (ops/research)
  - Full action/operational plan/org. chart
  - Fully qualified vs. trainees
  - Personnel/agency commitments...fire activity dependant
  - Cost estimates and controls

# Nenana Ridge Research Burn

## ▣ Lessons Learned

- ▣ Effectiveness of treatments/peak heat wave
- ▣ Specifications for future treatments
- ▣ Operational improvements
- ▣ Sufficient funding
  - ▣ Air support
  - ▣ Adequately qualified personnel/crews
  - ▣ Increased probability of success
  - ▣ 2011 “B Unit” ...scientific validation

# Nenana Ridge Research Burn

## ▣ Funding

- Burn preparation: (225/375k)
  - ▣ Shear blading ...20k
  - ▣ Shaded fuel breaks...175k
  - ▣ Layout...30k
  - ▣ Research 375k
- 2009 Burn implementation: (440k)
  - ▣ AFS Fuels...110k
  - ▣ DOF/RGS...45k. Operating budget...50k?
  - ▣ BLM...5k
  - ▣ Fire #...230k



# Nenana Ridge Research Burn

- ▣ 2011 Burn Implementation Cost Estimate:
  - AFS Fuels...110k
  - BLM...16k?
  - USFS...10k?
  - BIA...2 crews?
  - NPS...Helicopter?
  - FWS...Personnel?
  - State...Personnel
  - Estimated funding needed 120 to 250k
  - Still need research funding

# Shearing vs. Shaded Fuel Breaks





# Shearing vs. Shaded Fuel Breaks





