

Secure Rural Schools and Community Self-Determination Act of 2000
Public Law 106-393
Title II Project Application
Medford District Resource Advisory Committee

1. Project Number (Assigned by federal unit): OR-116-03-03

Boaz Forest Health and Small

- 2. Project Name:** Diameter Utilization Project **3. County:** Jackson
4. Project Sponsor: Bureau of Land Management (see block 10 for collaborator)
5. Date: May 10, 2002
6. Sponsors Phone # : 541-618-2207
7. Sponsor's E-mail: blair_moody@blm.gov
8. Project Location (attach project area map)
a. 4th Field Watershed Name and HUC #(if known): Applegate River- #17100309
b. 5th Field Watershed Name and HUC #(if known): Applegate River - Star/Beaver/Palmer
#1710030901
Little Applegate # 1710030903
c. Legal Location:
Township 39S Range 3W Section(s) 26
Township 39S Range 3W Section(s) 35
d. BLM District: Medford e. BLM Resource Area: Ashland
h. State / Private / Other lands involved? Yes No

9. Statement of Project Goals and Objectives:

This funding request is the second and final year of the multi-year funding request for the Boaz project that was previously approved by the RAC at their March 27, 2002 committee meeting. This request will be used to continue funding the workforce, materials and supplies, and the monitoring costs of this ongoing project.

The goal of this project is to enhance forest health and provide regional employment through a collaborative project to remove and process small diameter timber. Objectives include assessing technical and economic feasibility, monitoring forest health and fire hazard reduction, determining market opportunities for small diameter material, expanding the capacity of the rural workforce, improving community/agency relations, and informing policy discussions at various levels.

10. Project Description: (Provide concise description of project and attach map.)

Project collaborator: Jeffers on Sustainable Development Initiative (JSDI)
George McKinley, Program Director
(541)482-6220 jsde@jeffnet.org

JSDI would collaborate with BLM in all phases of the Boaz Health and Small Diameter Utilization Project (BUP).

Phase One: JSDI would purchase a negotiated timber sale on Boaz Mountain.

Phase Two: JSDI would contract to harvest the sale, utilizing the regional workforce. Ecological assessments would be established through consultation with agency and non-profit representatives to establish monitoring criteria to assess forest health contribution.

Phase Three: Material harvested would be directed, based upon assessed best-value, toward four primary small diameter markets: 1. Chips for world products, biomass, or co-generation; 2. Post and pole; 3. Small diameter chipping mill (Economizer); 4. Traditional mill.

Phase Four: Economic assessment would track all phases of the project to determine economic feasibility and determine potential for the applicability of the lessons of the project to related and future projects. Any economic return exceeding project implementation costs would be directed by JSDI toward workforce employment in future small diameter and forest health projects.

This proposal is to directly assist funding workforce and assessment costs affiliated with all phases of harvesting and processing.

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11. Coordination of this project with other related project(s) on adjacent lands?

Yes No If yes, then describe.

12. How does proposed project meet purposes of the Legislation? [Sec. 203(b)(1)]

- Improves maintenance of existing infrastructure. [Sec. 2(b)]
- Implements stewardship objectives that enhance forest ecosystems. [Sec. 2(b)]
- Restores and improves land health. [Sec. 2(b)]
- Restores water quality. [Sec. 2(b)]

13. Project Type (check one) [Sec. 203(b)(1)]

- Road Maintenance [Sec. 2(b)(2)(A)]
- Road Decommission/Obliteration [Sec. 2(b)(2)(A)]
- Other Infrastructure Maintenance (specify): _____ [Sec. 2(b)(2)(A)]
- Soil Productivity Improvement [Sec. 2(b)(2)(B)]
- Watershed Restoration & Mntc. [Sec. 2(b)(2)(D)]
- Fish Habitat Restoration [Sec. 2(b)(2)(E)]
- Reestablish Native Species [Sec. 2(b)(2)(G)]
- Other Project Type (specify) [Sec. 2(b)(2)]: _____
- Trail Maintenance [Sec. 2(b)(2)(A)]
- Trail Obliteration [Sec. 2(b)(2)(A)]
- Forest Health Improvement [Sec. 2(b)(2)(C)]
- Wildlife Habitat Restoration [Sec. 2(b)(2)(E)]
- Control of Noxious Weeds [Sec. 2(b)(2)(F)]

14. Measure of Project Accomplishments/Expected Outcomes [Sec. 203(b)(5)]

- a. Total Acres: 70
- b. Total Miles: N/A
- c. No. Structures: N/A
- d. Estimated People Reached (for environmental education projects): _____
- e. No. of Laborer Days: 250
- f. Other (specify): Assessment of economic feasibility based upon per acre treatment costs and market return

15. Duration of Project and Estimated Completion Date [Sec. 203(b)(2)]: December 31, 2003

16. Target Species Benefitted: (if applicable) Douglas-fir: thinning overstocked small diameter Douglas-fir pole stands

17. How will cooperative relationships among people that use federal lands be improved? [Sec. 2(b)(3)]. This project would require cooperation and coordination between agency employees, project collaborators, and workers in all phases of the project. The project would also bring together individuals with different perspectives on natural resource management for site tours to display and discuss implementation and feasibility issues brought to light by the project. Cooperation and shared understanding would expand support for the community-based forest health operations.

18. How is this project in the best public interest? [Sec. 203(b)(7)] **Identify benefits to communities?**

This project is in the best public interest and benefits the community as it:

1. Models forest restoration and timber stand improvement through thinning of small diameter pole stands;
2. Promotes fire hazard reduction, wildlife enhancement and promotion of greater species and habitat diversity;
3. Engages the rural work-force; and
4. Assesses and reports the economic feasibility of small diameter harvest and production

19. How does project benefit federal lands/resources? N/A

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20. Status of Project Planning

- a. NEPA Complete: Yes No
- b. If No, give est. date of completion: September 2002
- c. NMFS Sec. 7 ESA Consultation Complete: Yes No Not Applicable
- d. USFWS Sec. 7 ESA Consultation Complete: Yes No Not Applicable
- e. Survey & Manage Complete: Yes No Not Applicable
- f. DSL/ODFW* Permits Obtained: Yes No Not Applicable
- g. DLS/COE* 404 Fill/Removal Permit Obtained: Yes No Not Applicable
- h. SHPO* Concurrence Received: Yes No Not Applicable
- i. Project Design(s) Completed: Yes No

* DSL = Dept. of State Lands, ODFW = Oregon Dept. of Fish and Wildlife, COE = Army Corps of Engineers, SHPO = State Historic Preservation Officer

21. Proposed Method(s) of Accomplishment

- Contract Federal Workforce
- County Workforce Volunteers
- Other (specify): _____

22. Will the Project Generate Merchantable Materials? (Sec. 204(e)(3))

- Yes No

23. Anticipated Project Costs [Sec. 203(b)(3)]

- a. Total County Title II Funds Requested: \$60,000
- b. Is this a multi-year funding request? Yes No If yes, then display by fiscal year
- c. FY02 Request: \$ _____ f. FY05 Request: \$ _____
- d. FY03 Request: \$60,000 g. FY06 Request: \$ _____
- e. FY04 Request: \$ _____

Item	Fed. Agency Appropriated Contribution [Sec. 203(b)(4)]	Requested County Title II Contribution [Sec. 203(b)(4)]	Other Contributions [Sec. 203(b)(4)]	Total Available Funds
24. Field Work & Site Surveys	◆			
25. NEPA & Sec.7 ESA Consultation	◆			
26. Permit Acquisition	◆			
27. Project Design & Engineering	◆			
28. Contract Preparation	◆			
29. Contract Administration	◆			
30. Contract Cost				
31. Workforce Cost		\$50,000.00		
32. Materials & Supplies		\$5,000.00		

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Item	Fed. Agency Appropriated Contribution [Sec. 203(b)(4)]	Requested County Title II Contribution [Sec. 203(b)(4)]	Other Contributions [Sec. 203(b)(4)]	Total Available Funds
33. Monitoring		\$5,000.00	\$24,343.00	
34. Other				
35. Project Subtotal				
36. Indirect Costs (Overhead) (per year for multiple year projects)				
37. Total Cost Estimate		\$60,000.00	\$	\$

◆ BLM Contribution

38. Identify Source(s) of Other Funding in Column C. Above [Sec. 203(b)(4)] National Forest Foundation Grant for Monitoring and Education.

39. Monitoring Plan (Sec.203(b)(6))

- a. **What measures or evaluations will be made to determine how well the proposed project meets the desired ecological conditions? [Sec. 203(b)(6)] Who will be responsible for this monitoring item?**

A project monitoring team would be created to evaluate the correlation between forest health goals as established by conditions of sale and the on-the-ground results of the operation. This team would be comprised of agency, non-profit, worker and community representatives. Preliminary expectations are that this team would set measures to monitor impacts on soils, residual stand conditions, understory regeneration, and slash treatments. The JSDI Director would monitor this item, establish the team, and issue findings.

- b. **How will the project be evaluated to determine how well the proposed project contributes towards local employment and/or training opportunities, including summer youth jobs programs such as the Youth Conservation Corps? [Sec. 203(b)(6)] Who will be responsible for this monitoring item?**

Local employment is a goal of this project. Assessments would be established to determine the amount of funds contributed to the local economy. These assessments would track economic return to project workers involved with both harvest and production activities. Where applicable, workers and appropriate youth job program participants would be invited to trainings, for instance, in the utilization of small-scale yarder technology and in the processing of small diameter material at an integrated production site. The JSDI Director would monitor this item and issue findings in a final report.

- c. **What methods and measures of evaluation will be established to determine how well the proposed project improves the use of, or added value to, any products removed from National Forest System lands consistent with the purposes of this Act? [Sec. 203(b)(6) and Sec. 204(e)(3)] Who will be responsible for this monitoring item?**

An economic feasibility study on the harvest and production costs for the utilization small diameter material is an integral component of this project. Assessments would determine per acre costs for harvest and treatments, and production costs and returns for chips, post and pole, small diameter and saw-log processing of materials generated by harvest. Information would be helpful in future projects which aim to improve the use and value of small diameter material. The JSDI Director would monitor this item and issue findings in a final report.

- d. **Identify total funding needed to carry out specified monitoring tasks (Table 1, Item 33)**

Amount: \$5,000.00

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Boaz Forest Health and Small Diameter Utilization Project

Stands in project area designated for thinning



Example of dense stands after treatment

Small Yarder to be used in project



Thinnings for Biomass plant and electrical production



Posts and poles from thinnings



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Boaz Forest Health and Small Diameter Utilization Project

Small diameter mill for lumber



Furniture manufactured from small diameter trees



Peeled pole furniture bed frames, lamps, and stools



Lumber from larger commercial processor



Example of Stand Density Reduction

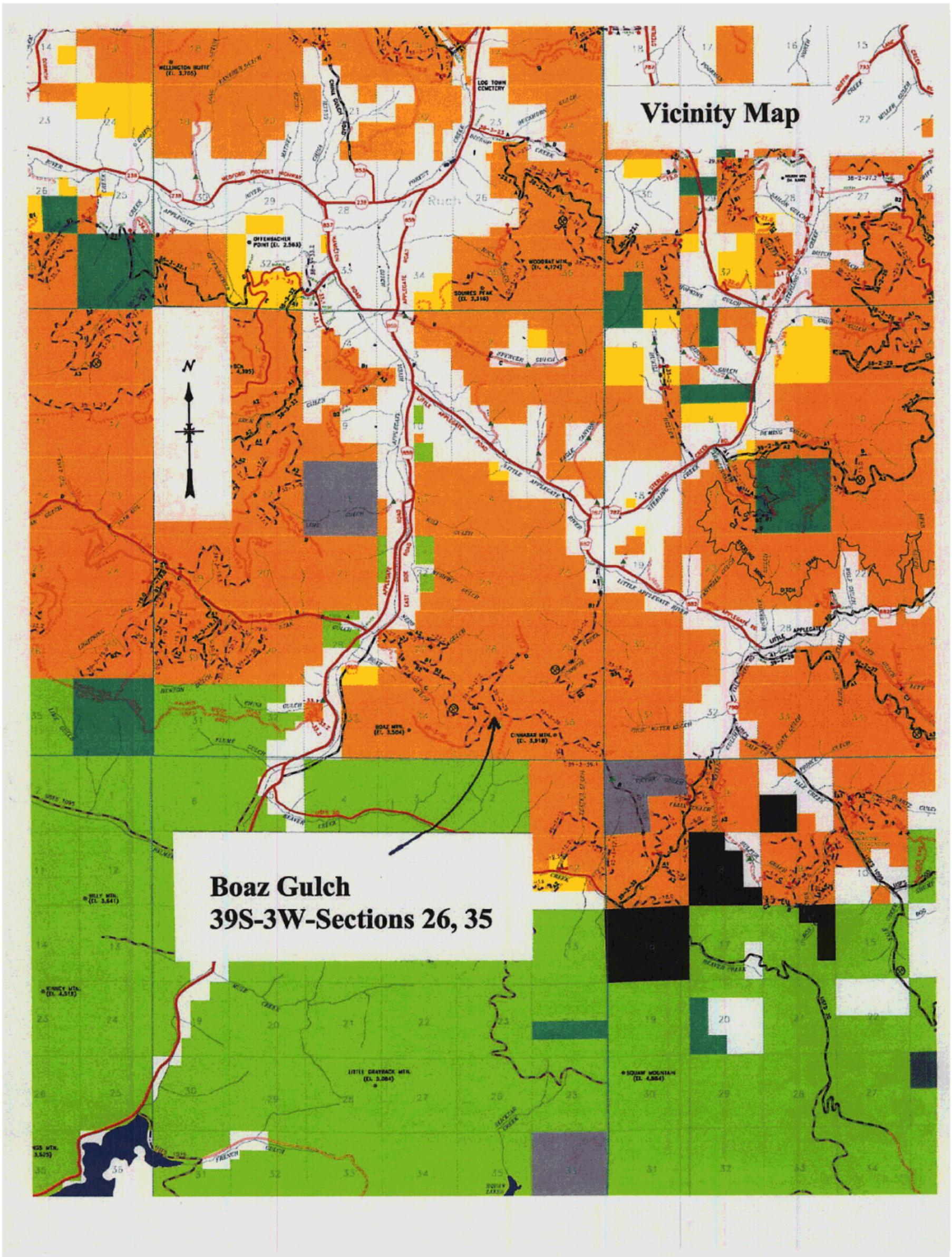
**Buncom Project - Woodrat Mountain Road
Before and After Treatments**



AFTER
Thinned 1999

BEFORE
Scheduled for 2002

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