

JUN 20 1995

1993 Project Abstract

For the period ending June 30, 1995

This project was supported by the MN Future Resources Fund.

Title: Reforestation in Ramsey County Parks and Open Space
Program Manager: Larry E. Holmberg
Organization: Ramsey County Parks and Recreation Department
Legal Citation: M.L. 1993, Ch. 172, Sec. 14, Subd. 5(c)
Approp. Amount: \$50,000

STATEMENT OF OBJECTIVES

Accelerate the reforestation program in Ramsey County regional and county parks to replace trees lost to storm damage, drought and disease; and begin establishment of new planned plantings.

RESULTS

A total of 14,500 evergreen and deciduous seedlings and 675, 1" caliper bare-root trees were planted by Ramsey County parks personnel. 201, 2" caliper balled-and-burlap trees were planted by a contractor. The trees have been planted at eight park sites in Ramsey County. Due to a well organized planting program, proper maintenance and favorable rainfall, the mortality rate has been very low. Ramsey County Parks and Recreation Department will continue maintenance and watering as required to ensure survival of the trees.

PROJECT RESULTS USE AND DISSEMINATION

The project used traditional tree planting methods. Information on the project would have limited benefit to others, thus no dissemination of the information is planned.

Date of Report: July 1, 1995

LCMR Final Work Program Update Report

JUN 20 1995

I. Project Title - F1-LG-3 REFORESTATION IN RAMSEY COUNTY PARKS AND OPEN SPACE

Program Manager: Larry E. Holmberg
Agency Affiliation: Ramsey County Parks and Recreation Department
Address: 2015 N. Van Dyke St.
Maplewood, MN 55109
Phone: (612) 777-0393

A. Legal Citation: M. L. 1993 Chapter 172, Section 14, Subdivision 5(c)

Total Biennial LCMR Budget: \$50,000

Appropriation language as drafted 7/27/92: This appropriation is from the future resources fund to the Commissioner of Natural Resources for a contract with Ramsey County to accelerate the reforestation program in Ramsey County regional and county parks to replace trees lost to storm damage, drought and disease, and begin establishment of new plantings. None of this appropriation is to be used for administration. Balance remaining: \$0.

B. LMIC Compatible Data Language: Not applicable.

C. Status of Match Requirement: Not applicable.

II. Narrative: The project will provide for an accelerated reforestation program in Ramsey County regional and county parks to replace trees lost to storm damage, drought and disease, and begin establishment of new planned plantings.

III. Statement of Objectives

A. Plant tree seedlings

B. Plant 1" diameter bareroot trees

C. Plant 2" diameter (deciduous) and 5' (evergreen) balled and burlap trees

IV. Objectives

A. Title of Objective: Plant tree seedlings

A.1 Narrative: Ramsey County Parks and Recreation personnel will plant 14,500 evergreen and deciduous tree seedlings in planned reforestation areas of Ramsey County parks.

A.2 Procedures: 10,000 tree seedlings will be purchased each year (2 yrs.) from the Minnesota DNR. Ramsey County personnel will plant the seedlings in the spring of 1994 and 1995.

A.3. Budget - \$3,947.12 based on a price of \$100/thousand for evergreens and \$200/thousand for deciduous. Balance - \$0. Financial cut-off date - 6/30/95.

	7/93	1/94	6/94	1/95	6/95
Order/Purchase					
seedlings-		XXX		XXX	
Plant seedlings -			XXX		XXX

A.5. Status: 7,000 seedlings were purchased and planted in April 1994. 7500 seedlings were planted in April 1995.

A.6. Benefits: The benefit of the tree seedling planting will be that large numbers of trees will be planted at a low cost in planned reforestation areas of the parks.

B. Title Objective: Plant 1" diameter bare-root trees

B.1. Narrative: Ramsey County Parks and Recreation personnel planted 675 bare-root trees in Ramsey County parks.

B.2. Procedures: Ramsey County will purchase 1" diameter bare-root trees from wholesale tree nursery. Ramsey County personnel planted 675 trees in the 1995.

B.3. Budget: \$16,322.88; Balance -0-. Financial cut-off date - 6/30/95.

	7/93	1/94	6/94	1/95	6/95
Advertise for Bids					
for trees -		XXX		XXX	
Award contract -		XXX		XXX	
Plant trees -		XXX			XXX

B.5. Status: Due to a delay until March 1994 in approval of the agreement between the DNR and Ramsey County, the bare root trees were not ordered in the fall of 1993. All of the trees were planted in the spring of 1995 rather than 1/2 each year. 675 bare-root trees from Bailey Nurseries were delivered and planted in the spring of 1995.

B.6. Benefits: A relatively large number of trees at a low cost can be planted in planned reforestation areas of parks which require more immediate impact than seedlings provide.

C. Title of Objective: Plant 2" diameter balled and burlapped trees.

C.1. Narrative: Ramsey County will contract with a private tree planting contractor to plant 201 - 2" BB (deciduous) and 5' BB (evergreen) trees in Ramsey County parks.

C.2. Procedures: Ramsey County will advertise and receive bids for a contractor to plant 201 deciduous and evergreen trees in Ramsey County parks.

C.3. Budget: \$29,730; 201 trees at an average price of \$0.48/tree. Balance - \$0;
Financial cut-off date - 6/30/95.

C.4. Timeline: 7/93 1/94 6/94 1/95 6/95
Advertise bids
for trees - XXX XX
Award contract - XXX XX
Plant trees - XXXXXXXXXXXXXXXXXXXX

C.5. Status: A contract with K. Distel and Assoc. was approved for planting 201 BB trees. 146 were planted in the fall of 1994. The remaining 55 were planted in the spring of 1995.

C.6. Benefits: Larger trees will be planted in heavy-use areas of the parks where immediate impact is needed and where small trees may be damaged by park users.

V. Evaluation: The results of the project will be evaluated by the number of trees planted. The success of the project will be determined by the survival rate which can be determined in approximately 2 years after completion.

VI. Context:

- A. The current and previous budget for tree planting within Ramsey County parks has been approximately \$10,000 per year. This level has not kept pace with losses, much less beginning planned reforestation.
- B. This project will provide planting in addition to that which Ramsey County now does.
- C. Past funding by Ramsey County without LCMR support has been inadequate to replace trees lost within the park system. This is the first request for LCMR funds for reforestation and depending on the success of the project, future proposals may be considered.

VII. Qualifications

- 1. Program Manager
 - a. Registered Landscape Architect in the State of Minnesota, with 20 years experience in park planning and development.
- 2. Cooperators/Other Investigations
 - a. None

VIII. Reporting Requirements

Semiannual status reports will be submitted no later than January 1, 1994; July 1, 1994; January 1, 1995; and a final status report by June 30, 1995.