

05399

PROGRESS REPORT
(July 1, 1963 - December 31, 1963)

ACTIVATING
THE
NATURAL RESOURCES ACT
OF 1963

A Special Report
to
M O R R C
(minnesota outdoor recreation resources commission)

from

State of Minnesota
DEPARTMENT OF CONSERVATION

January 17, 1964

Amount Budgeted
FY-64-Including
APW Funds

Cost of Work
Accomp. to Date-Incl.
Material & Land Acq.

Additional Amount
Under Contr. or Apprvd.
Projects & Options Exercised

FORESTRY 1. Reforestation - (Art. VIII, Sec. 6, Subd. 10)

\$209,932.00

\$ 33,759.19

\$ 66,199.80

Site preparation for planting started about November 1st on 800 acres in Kanabec, Hubbard, Beltrami and Itasca counties. Most of this acreage is under private contract and is near completion.

In preparation for spring planting, the Grand Rapids Supply Depot has an extensive equipment project underway.

Timber stand improvement work and release of young conifer plantations has been going on in St. Louis and Hubbard counties. The Park Rapids Forestry Headquarters reports 135 acres of conifers treated chemically to reduce overstory and surplus trees.

In the Duluth area 120 acres of mixed conifer plantation was released from competing vegetation.

In the Littlefork area pilot district a ditch 1,800 feet long, nine feet wide and three feet deep, with two culverts, was dug to get drainage in write-off spruce types.

Negotiations are underway to contract for a considerable volume of the planting projects which are planned to be accomplished during the spring of 1964. An additional \$92,550 in APW funds has been requested for labor and materials for spring tree planting projects.

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2. Nursery Program - (Art. VIII, Sec. 6, Subd. 7)

\$100,000.00

\$ 17,404.54

\$ 32,184.51

The packing and cold storage building at Badoura State Nursery has been completed according to specifications.

Nursery development and improvement at Badoura Nursery consisted of the preparation of four units of three acres each to be used for seed beds.

Nursery development work at General Andrews Nursery in Pine county is to be contracted and completed during the spring of 1964.

Development of 12 acres of additional nursery seed beds at Carlos Avery has progressed rapidly with completion scheduled for early spring.

3. Forest Roads - (Art. VIII, Sec. 6, Subd. 6)

\$217,115.00

\$ 78,113.42

\$ 90,708.26

A substantial start was made in road building during the latter part of 1963 on 20 road projects in St. Louis, Cook, Itasca, Koochiching, Beltrami, Lake of the Woods, Roseau, Cass, Clearwater and Aitkin counties. Road improvement and grading has been completed on 90.5 miles of road, - including gravel hauled for fill and improvement 12,700 cu. yds.; roadside improvement - brushing, 26 miles; road culverts installed, 29; roadside ditching, 2,400 feet; bridge piling installed, 32 piling; and in addition 3-3/4 miles of supplementary road and trail construction.

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Road projects totaling approximately \$110,000 in additional APW funds will greatly accelerate the forest road building program in spring and early summer.

A telephone line project to connect the Dentaybow Forestry Station with the Littlefork headquarters was completed. This project consisted of five miles of new construction to tie-in with the Cross River Township Telephone Company line with a total distance of 15 miles between Dentaybow and Littlefork and now provides public telephone service to the new headquarters at Dentaybow.

4. Forest Campgrounds - (Art. VIII, Sec. 6, Subd. 13)

\$46,500.00

\$ 10,231.66

Thirty campsites have been cleared on the new Mantrap campgrounds in Hubbard county; road network cleared; cleared for and erected eight latrines; cleared sites for two wells; cleared trails to latrines, wells and boat landing; set 1,700 feet of guard rail posts at six-foot intervals to delineate areas to be planted to shrubbery, etc. All brush and stump piles have been burned and one mile of foot trails brushed out.

Nearly 46 acres of campground area on Lougee Lake in Crow Wing county have been cleared and brush has been burned. Approximately 1-1/2 miles of roads and trails have been bulldozed, leveled, and cleared. A one-half acre parking area has been cleared and leveled. Tables, fireplaces and latrines have been hauled from Grand Rapids to Pequot Lakes and are ready for placement.

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Exploratory work for well drilling at six established and three new campgrounds is now underway.

5. Memorial Hardwood Forest - (Art. VIII, Sec. 6, Subd. 2)

\$143,250.00	\$ 602.00	\$ 38,978.00
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Acquisition of land for Memorial Hardwood Forest is handled by the Department of Administration in cooperation with the Department of Conservation.

GAME 6. Wildlife Land Acquisition - (Art. VIII, Sec. 4)

AND \$382,000.00 \$123,140.00 \$258,860.00

FISH

To date, purchase has been completed on 36 tracts representing a total of 2,646.18 acres in 18 counties.

*All lands purchased under this activity are covered by an approved Federal Aid Pittman-Robertson Project -- and thus qualify for 75% reimbursement.

7. Acquisition of Spawning Areas - (Art. VIII, Sec. 6, Subd. 12)

\$ 71,625.00	\$ 12,832.00	\$ 19,900.00
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Two men experienced in fisheries were placed on the payroll beginning in September -- and have since been working full time on this activity.

To date, five options have been secured representing sites in five counties at a cost of \$8,350.

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Project proposals on an additional ten sites in seven counties have been approved and on which engineering survey is in progress.

*All sites acquired qualify for 75% reimbursement under the D-J Federal Aid Program.

Wildlife Development - (Art. VIII, Sec. 6, Subd. 5)

\$189,500.00

\$ 31,785.00

\$ 57,526.00

*Of 30 projects currently active or approved, 21 are located in designated APW counties and thus qualify for Federal Aid reimbursement which is estimated at \$50,000.

8. Wildlife Lands Development - (Section of Game)

A total of 31,562 feet of new fence has been constructed and 1,700 feet of old fence removed on 10 separate state-owned Wildlife Management areas located in Nobles, Lyon, Lincoln, Yellow Medicine & Lac qui Parle Counties -- on the major state-owned Wildlife Management Areas, accomplishments have been as follows:

Morph Meadows - Itasca County - 7,700 feet of dike constructed and seeded, and 10 acres of clearing done.

Carlos Avery - Pool 3 - Chisago County - Interlocking steel sheet piling purchased and installed.

Roseau River Wildlife Management Area - Roseau County - 5,880 cu. yds. of clay lift dug and placed on dikes, 13 miles of dike gravelled and graded.

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Thief Lake Wildlife Management Area - Marshall County - Two level
ditches dug, spoil banks leveled, and waterfowl feeding plots established
along North Shore.

9. Spawning Area Development - (Fisheries)

Engineering plans and specifications prepared and bids awarded on
Clear Lake in Waseca County; Buffalo Lake in Wright County and Grindstone
River in Pine County. Work on the Aaron Lake fish barrier in Douglas County
is 95% completed. Engineering plans and specifications for four additional
sites are near completion.

10. Public Access Development - (Warden Service)

Development work has been completed on Buffalo, Pickerel, and Island
lakes in Becker County; Long and Island lakes in Itasca County; Big Lake
in Carlton County; Sylvan Lake in Cass County; and Long Lake in Aitkin
County.

STATE 11. Acquisition - New Parks - (Art. VIII, Sec. 3)

PARKS \$668,707.00 \$414,125.25

Land acquisition for new parks is handled by the Department of
Administration. Appraisal completed on the following tracts.

Glacial Lakes State Park - 15 parcels optioned - 1,305.10 total
acres - \$94,562.50 total value.

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Lake Louise State Park - 8 parcels optioned - 574.88 total acres -
\$165,747 total value.

Sakatah Lake State Park - 9 parcels optioned - 661.70 total acres -
\$153,516.75 total value.

Maplewood State Park - 1 parcel optioned - 8.25 acres -
\$299 total value.

NOTE: In addition, 80 parcels of land out of an estimated 300 parcels
in the state park program have been appraised.

12. Additions to Parks - (Art. VIII, Sec. 3)

\$327,100.02 \$ 17,311.15 \$193,642.00

Big Stone Lake State Park - 2 parcels optioned - 212 total acres -
\$70,000 total value.

Lake Carlos State Park - 5 parcels optioned - 419 total acres -
\$46,330 total value.

Lake Shetek State Park - 1 parcel optioned - 129.16 total acres -
\$30,000 total value.

Mille Lacs Kathio State Park - 5 parcels optioned - 360.80 total
acres - \$53,912 total value.

Sibley State Park - 3 parcels optioned - 144 total acres -
\$10,710 total value.

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13. Tower-Soudan - (Art. VIII, Sec. 6)

\$ 77,557.00

\$ 2,485.66

Land acquisition is handled by the Department of Administration. Expenditures cover salaries and utility services for only the period since November 25, 1963 when title was formally received and personnel assigned. Plans are completed for conversion of locker building for use as tourist center.

14. Savanna Portage - (Art. VIII, Sec. 6, Subd. 3)

\$100,259.00

Plans are approved for a new road to be constructed by the Highway Department; land acquisition is scheduled at the earliest possible date in 1964, and condemnation proceedings to follow whenever necessary.

15. Fort Snelling - (Art. VIII, Sec. 6, Subd. 17)

\$189,750.00

Of 18 tracts of land in Dakota County, negotiations have been completed on three and it was necessary to institute condemnation proceedings on 15 others early in 1964. Plans are nearing completion for building remodeling and will be let for bids early in the year.

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16. Historic Sites- (Art. VIII, Sec. 6, Subd. 16)

\$ 26,097.00

\$ 2,548.03

\$ 9,219.35

An historic sites supervisor and an assistant were hired as of October 1.

A 76-page report, prepared jointly by the Historical Society and MORRC has been published, containing voluminous information relating to varied aspects of Minnesota's performance in the field of historic sites. It traces development of state's program, analyzes problems and describes participating agencies, sources of financing, site ownership. Also provides maps locating existing state monuments, historic, geological, and archeological sites and state historical museums. Proposes 77 sites for inclusion in long-range, state historic sites program.

Major development has focused on expansion of Mille Lacs Indian Museum, with space tripled.

Plans have been completed for erection of several historic markers.

New exhibits for museums at Fort Ridgely and Itasca are being prepared for installation by July 1, 1964.

17. State Park Development - (Art. VIII, Sec. 6, Subd. 15)

\$412,783.40

\$ 39,509.06

\$ 37,151.79

STATE PARK ROADS, PARKING AREAS, TRAILS

Per Cent
Completion

Charles Lindbergh State Park - Morrison County - New entrance road graded and graveled (1/4 Mi.), parking area enlarged and curbed (700

Lin. Ft.) -----

15%

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	<u>Per Cent Completion</u>
<u>Lake Carlos State Park - Douglas County - Installed bituminous walks</u> (1500 Lin. Ft.) -----	60%
<u>Mille Lacs Kathio State Park - Mille Lacs County - Surface park</u> roads with crushed rock (2200 cu. yd.) -----	70%
<u>Schoolcraft State Park - Cass County - Develop Campground and Boat</u> Launching. One-half mile road graded and graveled. Forty campsites provided. 400 cu. yds. excavated. -----	100%

(Note: In addition, 10 projects have been carried on under Building Bills Projects with an average completion percentage of 85%.)

TOURIST CAMPGROUND DEVELOPMENT

<u>Cascade River State Park - Cook County - Campground Expansion.</u> One-fourth mile road graded and graveled. Three culverts installed. Foundation poured for contact station. -----	60%
<u>Jay Cooke State Park - Carlton County - Gravel Campground Roads and</u> spurs. 1000 cu. yds. gravel hauled. -----	100%
<u>Judge C. R. Magney State Park - Cook County - Campground Expansion.</u> One-fourth mile road graded and graveled. 15 additional campsites provided. -----	90%
<u>Lake Shetek State Park - Murray County - Water Line extension and</u> distribution to campgrounds. Water main and distribution lines installed for 70 site campground. -----	90%

(Note: In addition 8 projects have been carried on under Building Bills Projects with an average completion percentage of 70%.)

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BUILDING CONSTRUCTION

Per Cent
 Completion

<u>Buffalo River State Park, Clay County - Construction of Control</u> center. -----	10%
<u>Father Hennepin State Park - Mille Lacs County - Construct garage</u> for manager's residence, -----	90%
<u>Flandrau State Park - Brown County - Modernize group camp wiring,</u> move house from Madelia Game Farm and remodel. Repair sign shop foundation, water and sewer for repair shop and construct two control gates. House moved onto new foundation, sewer and water line complete, remodeling 20% done. -----	40%
<u>Frontenac State Park - Goodhue County - Complete garage and basement</u> entrance addition to manager's residence. -----	90%

(Note: In addition, 11 projects have been carried on under Building Bills Projects with an average completion percentage of 70%.)

UTILITIES

<u>Old Mill State Park - Marshall County - Replace Water Line to</u> Residence. 450 ft. water line installed. -----	100%
<u>William O'Brien State Park - Washington County - Extended electric</u> power throughout campgrounds. -----	100%

(Note: In addition, 7 projects have been carried on under Building Bills Projects with an average completion percentage of 80%.)

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MODERNIZE SANITATION BUILDINGS

Per Cent
Completion

Oronoco State Park - Olmsted County - Remodel picnic toilet ----- 60%

Pomme De Terre State Park - Stevens County - Repaired and remodel
bathhouse ----- 50%

(Note: In addition, 12 projects have been carried on under Building
Bills Projects with an average completion percentage of 80%.)

DAMS, SWIMMING POOLS AND BEACHES

Old Mill State Park - Marshall County - Reconstruct Diversion Dam.
Masonry seams grouted ----- 40%

(Note: In addition, 2 projects have been carried on under Building
Bills Projects with an average completion percentage of 50%.)

MISCELLANEOUS

Blue Mounds State Park - Rock County - Complete landscaping and
parking area in new headquarters area. Grading completed. Curb and
some sod left to complete ----- 75%

Camden State Park - Lyon County - Clean and rebuild settling basin
above swimming pool. Complete except for leveling and seeding waste
area ----- 90%

Whitewater State Park - Winona County - Install thermopane windows
in Park office ----- 100%

(Note: In addition, 4 projects have been carried on under Building
Bills Projects with an average completion percentage of 70%.)

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STATE PARKS PROJECT SUMMARY

	Total
Roads Graded	5 miles
Gravel hauled	3,200 Cu. Yds.
Parking area curbed	700 Lin. Ft.
Bituminous walks installed	1,500 Lin. Ft.
Culverts installed	3
Partial development of sites for tourist campgrounds	105 sites
Water line laid	1/4 mile
New buildings constructed	2
Swimming Pool basins worked on	1
Excavation for boat launching	400 Cu. Yds.

WATERS

18. Hydrologic Studies & Research - (Art. VIII, Sec. 3, Subd. 8)

\$ 75,000.00	*\$ 30,000.00	\$ 45,000.00
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*Estimated 40% completion of that portion of the work planned for this fiscal year. An equal amount of federal funds has been expended for this program.

19. Topographic Mapping - (Art. VIII, Sec. 3, Subd. 9)

\$200,000.00	*\$ 91,500.00	\$108,500.00
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*50% of topographic and 1/3 of mineral mapping for this fiscal year has been completed. An equal amount has been expended by the Federal government for this program.

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20. Red River Basin Study - (Art. VIII, Sec. 3, Subd. 4)

\$ 35,000.00 *\$ 17,500.00 \$ 17,500.00

*50% completed. An equal amount has been expended by the
Federal government for this program.

21. C.W.P. Program - (Art. VII, Sec. 1-2-3-4-5)

\$772,661.72 \$520,820.52 \$251,841.20

SUMMARY OF C.W.P. ACCOMPLISHMENT TO 12-31-63:

A total of 896 have been employed on these projects during the year.

Access Cleared	150.94 acres
Boundaries and Survey lines cleared	94.41 miles
Campsites cleared and Homesites plotted	225
Channels cleared and constructed	17,230 ft.
Dams constructed or repaired	19
Fencing installed	33,000 ft.
Fireplaces built and installed	27
Food Plots cleared and seeded	79 acres
Lakeshore cleared - repaired	2,575 acres
Picnic tables, constructed	410
Roads built and improved	129 miles
Signs constructed	1,735
Site Preparation	428 acres

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Timber Stand Improvement	877.75 acres
Trails cleared	147.63 miles
Trees planted	308,000 trees - 238 acres

22. Conservation Districts - (Art. VIII, Sec. 6, Subd. 11)

No applications for assistance have been received.

23. Professional Services

\$158,980.00 \$ 60,459.18

The Natural Resources Act and the 1961-63 and 1963-65 State Building Bills provide for a substantial development and land acquisition program requiring engineering services. A professional service account was established at our request by the State Auditor for the purpose of providing funds to hire trained employees required for engineering, legal and other professional services. The Bureau of Engineering is presently working on plans or has completed plans for the program which are summarized by division.

The State Park development program consists of appropriations by the Natural Resources Act of \$1,275,000, by the 1961-63 Building Bill of \$479,000, and by the 1963-65 Building Bill of \$852,200. This is a total program of \$2,606,200. At the end of the second quarter the Bureau of Engineering has \$654,983 or 25% of the program completed. In addition, the bureau has \$265,799 or 10% of the plans in progress with many of them near completion.

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The Forestry development program consists of appropriations of \$300,000 for forest roads and \$100,000 for forest campground development. This consists of 24 total projects. Of these projects the bureau has completed plans on 13 for a completion percentage of 54%.

The Game and Fish development program consists of \$300,000 for wildlife, spawning and public access development with a total of 20 projects requisitioned for engineering services. Of this program, 4 projects or 20% has been completed with plans in progress for an additional 16 projects.

The Game and Fish wildlife land acquisition program consists of \$400,000 with 76 project units requisitioned for engineering services. Of this program, 53 units or 70% are completed.

24. Contingency Appropriation - (Art. VIII, Sec. 6, Subd. 19)

25. Interim Commissions - (Chapter 888, Sec. 13, Subd. 4 - Northeastern Minnesota Economic Problems Interim Commission) and (Chapter 888, Sec. 13, Subd. 6 - Interim Commission on Minnesota River Valley Development)

FINANCIAL SUMMARY

		Amount Budgeted FY-64-Including APW Funds	Cost of Work Accomp. to Date - Inc. Material & Land Acq.	Additional Amount Under Contr. or Apprvd. Projects & Options Exercised	
FORESTRY	<u>1. Reforestation</u>	\$209,932.00	\$ 33,759.19	\$ 66,199.80	
	<u>2. Nursery Program</u>	\$100,000.00	\$ 17,404.54	\$ 32,184.51	
	<u>3. Forest Roads</u>	\$217,115.00	\$ 78,113.42	\$ 90,708.26	
	<u>4. Forest Campgrounds</u>	\$ 46,500.00	\$ 10,231.66		
	<u>5. Memorial Hardwood Forest</u>	\$143,250.00	\$ 602.00	\$ 38,978.00	
GAME & FISH	<u>6. Wildlife Land Acquisition</u>	\$382,000.00	\$123,140.00	\$258,860.00	
	<u>7. Acquisition of Spawning Areas</u>	\$ 71,625.00	\$ 12,832.00	\$ 19,900.00	
	<u>Wildlife Development</u>	\$189,500.00	\$ 31,785.00	\$ 57,526.00	
	<u>8. Wildlife Lands Development</u>				
	<u>9. Spawning Area Development</u>				
	<u>10. Public Access Development</u>				
	STATE PARKS	<u>11. Acquisition - New Parks</u>	\$668,707.00		\$414,125.25
		<u>12. Additions to Parks</u>	\$327,100.02	\$ 17,311.15	\$193,642.00
		<u>13. Tower-Soudan</u>	\$ 77,557.00	\$ 2,485.66	
		<u>14. Savanna Portage</u>	\$100,259.00		
<u>15. Fort Snelling</u>		\$189,750.00			
<u>16. Historic Sites</u>		\$ 26,097.00	\$ 2,548.03	\$ 9,219.35	
<u>17. State Park Development</u>		\$412,783.40	\$ 39,509.06	\$ 37,151.79	
WATERS	<u>18. Hydrologic Studies & Research</u>	\$ 75,000.00	\$ 30,000.00	\$ 45,000.00	
	<u>19. Topographic Mapping</u>	\$200,000.00	\$ 91,500.00	\$108,500.00	
	<u>20. Red River Basin Study</u>	\$ 35,000.00	\$ 17,500.00	\$ 17,500.00	
MISC.	<u>21. C.W.P. Program</u>	\$772,661.72	\$520,820.52	\$251,841.20	
	<u>22. Conservation Districts</u>				
	<u>23. Professional Services</u>	\$158,980.00	\$ 60,459.18		
	<u>24. Contingency Appropriation</u>				
	<u>25. Interim Commissions</u>				
TOTAL		\$4,403,817.14	\$1,090,001.41	\$1,641,336.16	

