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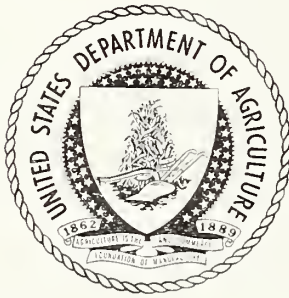


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A Development Program For
The National Forests;

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Estimates of Work Needed and Costs by States



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November 1961

F O R E W O R D

The following tables have been developed to show detailed estimates of work needed and costs by individual States for "A Development Program for the National Forests." This program was transmitted to Congress by President John F. Kennedy on September 21, 1961. Printed copies are available on request from the Forest Service, U. S. Department of Agriculture, Washington 25, D. C.

These tables are to be construed merely as indicative of needs and costs as they appear from present conditions. To the extent conditions change and funds available vary from cost estimates, it will be necessary to adjust current plans for implementation. Under no circumstances are the estimates herein to be considered commitments for work to be done or money to be expended in individual States.

Items are arranged in the manner customarily followed in budgetary presentations. The first column of cost estimates includes items which recur each year, such as timber sales, resource plans, and management and administration of resources. The estimate given is the maximum annual cost level of the item reached in the 10th year of the program. The second column gives total estimates covering the entire period for non-recurring types of work to be done only once during the period, such as road-building, tree-planting, building construction, and re-vegetation.

Following the national summary, the tabulations are arranged alphabetically according to States. The final table is a combination of three States and Puerto Rico which are not given individual treatment because the volume of work therein is relatively minor due to the small acreage administered by the Forest Service. The combined table includes Connecticut, Kansas, New York and Puerto Rico.

No estimates are included for Delaware, Hawaii, Iowa, Maryland, Massachusetts, New Jersey, or Rhode Island, because of either the complete absence, or very small amount, of national-forest activity in those States.

National Forest Program - Summary of Work and Costs - F.Y. 1963 Through F.Y. 1972
National Total
(Based on Dollar Value as of May 15, 1961)

I T E M	: Recurrent Work : Non Recurrent :		W O R K N E E D E D
	: Annual Level : : 10th Year : : (\$1,000) :	: Project Work : : 10-Year Total : : (\$1,000) :	
Timber Resource Management	41,229		: Complete and keep current inventories and plans for 9.0 million acres. Cut 13 billion bd. ft. annually by 1972.
		417,891	: Culturally treat 10 million acres. Plant 3.8 million acres.
Recreation - Public Use	47,376		: Complete management and development plans. Maintain facilities and provide sanitation and cleanup for 195 million visits by 1972.
		408,720	: Reconstruct and rehabilitate more than 2,000 existing campgrounds. Plan and develop 28,000 new campgrounds and picnic sites. Plan and develop 4,000 other recreation sites including swimming, boating, winter sports, and public service sites. Provide special development and information service for outstanding scenic and recreation features which attract heavy visitor concentrations.
Wildlife Habitat Management	3,810		: Administer, supervise, and coordinate wildlife activities and cooperate with States.
		35,280	: Improve 1.5 million acres of game range, 7,000 miles of stream, 56,000 acres of lakes. Develop 2,000 wildlife watering facilities, 400,000 acres of wildlife openings, food patches, and game ways. 11 million acres of rodent control.
Range Resource Management	8,327		: Manage 13,000 grazing allotments. Maintain existing improvements.
		70,689	: Complete analyses and plans on 7,600 allotments. Revegetate 4 million acres. Construct 16,000 miles of fence, and 8,100 water developments.
Soil and Water Management	2,594		: Manage and administer soil and water resource. Coordinate with other resources.
		89,718	: Erosion control and stabilization on 1.3 million acres, 22,000 miles of gullies and roads. Construct 570 pollution control and flood prevention projects. Conduct soil surveys on 29 million acres. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	6,587		: Examine mining claims. Administer mineral leases and special uses. Exchange 1.4 million acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	140		: Maintain property line marking.
		58,305	: Cadastral surveys of 6,587 corners and 13,200 miles of cadastral survey ties to metes and bounds surveys. Survey and mark 208,000 miles of property lines. Topographic mapping of 355,600 sq. miles.
Land Purchase		66,500	: Acquisition of 500,000 acres of land essential for recreation development, use and access, including protection of outstanding scenic areas and wilderness, and 950,000 acres of key inholdings to meet other National Forest access, management, and resource restoration needs.
Forest Fire Protection	32,513		: Intensify protection, including increased manpower, equipment, and aerial operations, to approximately 2 times present level.
		71,737	: Reduce hazardous fuels on 4 million acres. Construct 11,000 miles of firebreaks.
Insect and Disease Control	^{1/} 10,350		: Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire & General Purpose	8,098		: Maintain existing structural and communication improvements.
		106,358	: Construct 2,640 housing and related improvements. 2,500 service buildings, 455 lookouts, 17 special structures; betterment of existing structures; 2,000 radio installations; replacement of 3,000 miles of telephone line; construction and reconstruction of 62 landing fields; construct 1,820 heliports and helispots.
Forest Roads and Trails	^{2/} 24,000		: Maintain existing transportation system.
		^{3/} 1,212,484	: Construct 79,400 miles of multiple-use purpose roads and 8,000 miles of trails. Provide supplemental work on roads constructed by timber purchasers.
TOTAL	185,024	2,537,682	

^{1/} Includes National Forest control only. Does not provide for amount of \$3.1 million for control on other Federal and State lands.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$5 million.

^{3/} Timber purchasers will construct an estimated 33,000 miles of the roads shown costing approximately an additional \$474 million.

ALABAMA

I T E M	: Recurrent Work; Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	346		: Complete and keep current inventories and plans for 51,000 acres. Cut 66 million bd. ft. annually by 1972.
		2,631	: Culturally treat 52,000 acres. Plant 63,000 acres.
Recreation - Public Use	88		: Complete management and development plans. Maintain facilities and provide sanitation.
		654	: Construct 45 campgrounds and picnic sites and related facilities. Provide information services at these and other visitor concentrations.
Wildlife Habitat Management	31		: Administer, supervise, and coordinate wildlife activities and cooperate with States.
		175	: Improve and develop small and big game range on 49,000 acres, improve 20 miles of stream, and 100 acres of lakes. Develop 40 wildlife watering facilities.
Range Resource Management	20		: Manage range resources, including maintenance of existing improvements.
		78	: Complete analyses and plans on 15 allotments. Revegetate 1,792 acres.
Soil and Water Management	25		: Manage and administer soil and water resource. Coordinate with other resources.
		387	: Control erosion and stabilize 800 acres and 250 miles of gullies and roads. Conduct soil surveys on 250,000 acres. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	69		: Examine mining claims. Administer mineral leases and special uses. Exchange 4,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	1		: Maintain property line marking.
		339	: Survey and mark 2,718 miles of property lines. Topographic mapping of 1,150 sq. miles.
Forest Fire Protection	199		: Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level.
		162	: Reduce hazardous fuels on 191,000 acres.
Insect and Disease Control	78 ^{1/}		: Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	78		: Maintain existing structural and communication improvements.
		538	: Construct 14 housing and related improvements, 7 service buildings, lookouts, and special structures; improve existing structures; provide 25 radio installations; and replace 38 miles of telephone line.
Forest Roads and Trails	126 ^{2/}		: Maintain existing transportation system.
		3,979 ^{3/}	: Construct 284 miles of multiple-use purpose roads. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - ALABAMA	1,061	8,943	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$5,720.

^{3/} Timber purchasers will construct an estimated 31 miles of the roads shown costing approximately an additional \$157,000.

ALASKA

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	1,543		: Complete and keep current inventories and plans for 350,000 acres. Cut 1 billion bd. ft. annually by 1972.
Recreation-Public Use	751	2,594	: Complete management and development plans. Maintain facilities and provide sanitation. : Construct 100 campgrounds and picnic sites and related facilities. Plan and develop 5 areas of special significance and provide information services at these and other visitor concentrations.
Wildlife Habitat Management	369	3,012	: Administer, supervise, and coordinate wildlife activities and cooperate with States : Improve and develop small and big game range on 11,000 acres; improve 550 miles of stream and 10,000 acres of lakes; 376,000 acres of rodent control.
Soil and Water Management	43	320	: Manage and administer soil and water resource. Coordinate with other resources. : Control erosion and stabilize 65 miles of gullies and roads. Conduct soil surveys on 930,000 acres.
Land Adjustments, Classification, and Uses	227		: Examine mining claims. Administer mineral leases and special uses. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	1	133	: Maintain property line marking. : Survey and mark 994 miles of property lines. Topographic mapping of 500 sq. miles.
Forest Fire Protection	54	291	: Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level : Reduce hazardous fuels on 19,000 acres.
Insect and Disease Control	361 ^{1/}		: Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	53	1,341	: Maintain existing structural and communication improvements. : Construct 45 housing and related improvements, 30 service buildings, lookouts and special structures; improve existing structures; provide 6 radio installations; and replace 9 miles of telephone line.
Forest Roads and Trails	400 ^{2/}	26,228 ^{3/}	: Maintain existing transportation system. : Construct 471 miles of multiple-use purpose roads and 45 miles of trails. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - ALASKA	3,802	33,919	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$41,500.

^{3/} Timber purchasers will construct an estimated 100 miles of the roads shown costing approximately an additional \$6,446,000.

ARIZONA

I T E M	:Recurrent Work:Non-Recurrent:		W O R K N E E D E D
	: Annual Level	:Project Work :	
	: 10th Year	:10-Year Total:	
	:(\$1,000)	:(\$1,000)	
Timber Resource Management	1,345	11,340	:Complete and keep current inventories and plans for 254,000 acres. Cut 350 million bd. ft. annually by 1972.
			:Culturally treat 516,900 acres. Plant 21,500 acres.
Recreation - Public Use	2,532	23,542	:Complete management and development plans. Maintain facilities and provide sanitation.
			:Construct 1,620 campgrounds and picnic sites and related facilities. Plan and develop 3 areas of special significance and provide information services at these and other visitor concentrations.
Wildlife Habitat Management	183	1,256	:Administer, supervise, and coordinate wildlife activities and cooperate with States.
			:Improve and develop small and big game range on 120,000 acres, improve 130 miles of stream and 1,800 acres of lakes. Develop 285 wildlife watering facilities; 360,000 acres of rodent control.
Range Resource Management	1,074	11,354	:Manage range resources, including maintenance of existing improvements.
			:Complete analyses and plans on 528 allotments. Revegetate 695,596 acres. Construct 3,011 miles of fence and 1,395 water developments
Soil and Water Management	121	11,366	:Manage and administer soil and water resource. Coordinate with other resources.
			:Control erosion and stabilize 281,000 acres and 1,500 miles of gullies and roads. Construct 70 pollution control and flood prevention projects. Conduct soil surveys on 2.2 million acres. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	479		:Examine mining claims. Administer mineral leases and special uses. Exchange 200,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	5	3,125	:Maintain property line marking.
			:Survey and mark 9,266 miles of property lines. Topographic mapping of 20,200 sq. miles.
Forest Fire Protection	867	3,270	:Intensify protection, including increased manpower, equipment, and aerial operations to approximately twice present level.
			:Reduce hazardous fuels on 170,000 acres. Construct 1,000 miles of firebreaks.
Insect and Disease Control	198 ^{1/}		:Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses
Structural Improvements for Fire and General Purpose	356	5,239	:Maintain existing structural and communication improvements.
			:Construct 107 housing and related improvements, 204 service buildings, lookouts and special structures; improve existing structures; provide 110 radio installations; replace 164 miles of telephone line; and construct 39 heliports and helispots.
Forest Roads and Trails	710 ^{2/}	45,268 ^{3/}	:Maintain existing transportation system.
			:Construct 2,549 miles of multiple-use purpose roads and 251 miles of trails. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - ARIZONA	7,870	115,760	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$101,675.

^{3/} Timber purchasers will construct an estimated 403 miles of the roads shown costing approximately an additional \$1,830,000.

ARKANSAS

I T E M	: Recurrent Work : Non-Recurrent :		W O R K N E E D E D
	: Annual Level : Project Work :	: 10-Year Total :	
	: (\$1,000) :	: (\$1,000) :	
Timber Resource Management	985		: Complete and keep current inventories and plans for 61,000 acres. Cut 189 million bd. ft. annually by 1972.
		11,981	: Culturally treat 392,000 acres. Plant 176,000 acres.
Recreation - Public Use	566		: Complete management and development plans. Maintain facilities and provide sanitation.
		5,681	: Construct 390 campgrounds and picnic sites and related facilities. Provide information services at these and other visitor concentrations.
Wildlife Habitat Management	47		: Administer, supervise, and coordinate wildlife activities and cooperate with States.
		522	: Improve and develop small and big game range on 161,000 acres, improve 80 miles of stream, and 100 acres of lakes. Develop 120 wildlife watering facilities.
Range Resource Management	27		: Manage range resources, including maintenance of existing improvements.
		400	: Complete analyses and plans on 126 allotments. Revegetate 9,856 acres.
Soil and Water Management	14		: Manage and administer soil and water resource. Coordinate with other resources.
		411	: Rehabilitate eroded lands and stabilize gullies, roads, and streams. Conduct soil surveys on 450,000 acres. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	174		: Examine mining claims. Administer mineral leases and special uses. Exchange 15,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	11		: Maintain property line marking.
		1,704	: Survey and mark 7,552 miles of property lines. Topographic mapping of 9,500 sq. miles.
Forest Fire Protection	537		: Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level.
		317	: Reduce hazardous fuels on 76,000 acres.
Insect and Disease Control	54 ^{1/}		: Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	161		: Maintain existing structural and communication improvements.
		1,091	: Construct 29 housing and related improvements, 17 service buildings, lookouts, and special structures; improve existing structures; provide 46 radio installations; and replace 88 miles of telephone line.
Forest Roads and Trails	449 ^{2/}		: Maintain existing transportation system.
		12,565 ^{3/}	: Construct 872 miles of multiple-use purpose roads. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - ARKANSAS	3,025	34,672	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$11,780.

^{3/} Timber purchasers will construct an estimated 158 miles of the roads shown costing approximately an additional \$776,000.

CALIFORNIA

I T E M	:Recurrent Work:Non-Recurrent:		W O R K N E E D E D
	: Annual Level	:Project Work :	
	: 10th Year	:10-Year Total:	
	:(\$1,000)	:(\$1,000)	
Timber Resource Management	4,866		:Complete and keep current inventories and plans for 868,000 acres. Cut 1.7 billion bd. ft. annually by 1972.
		82,591	:Culturally treat 872,000 acres. Plant 952,000 acres.
Recreation - Public Use	10,162		:Complete management and development plans. Maintain facilities and provide sanitation.
		90,897	:Construct 6,350 campgrounds and picnic sites and related facilities. Plan and develop 3 areas of special significance and provide information service at these and other visitor concentrations.
Wildlife Habitat Management	396		:Administer, supervise, and coordinate wildlife activities and cooperate with States.
		4,925	:Improve and develop small and big game range on 82,000 acres, improve 416 miles of stream and 1,252 acres of lakes. Develop 122 wildlife watering facilities; 4.5 million acres of rodent control.
Range Resource Management	709		:Manage range resources, including maintenance of existing improvements.
		6,362	:Complete analyses and plans on 760 allotments. Revegetate 448,000 acres. Construct 1,000 miles of fence and 704 water developments.
Soil and Water Management	303		:Manage and administer soil and water resource. Coordinate with other resources.
		6,349	:Control erosion and stabilize 27,000 acres and 1,900 miles of gullies and roads. Construct 200 pollution control and flood prevention projects. Conduct soil surveys on 3.7 million acres. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	933		:Examine mining claims. Administer mineral leases and special uses. Exchange 81,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	15		:Maintain property line marking.
		3,028	:Survey and mark 30,323 miles of property line.
Forest Fire Protection	11,443		:Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level.
		18,213	:Reduce hazardous fuels on 367,000 acres. Construct 4,300 miles of firebreaks.
Insect and Disease Control	1,376 ^{1/}		:Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	1,287		:Maintain existing structural and communication improvements.
		22,394	:Construct 678 housing and related improvements, 500 service buildings, lookouts, and special structures; improve existing structures; provide 324 radio installations; replace 489 miles of telephone line; construct and reconstruct 13 landing fields; and construct 472 heliports and helispots.
Forest Roads and Trails	4,152 ^{2/}		:Maintain existing transportation system.
		216,154 ^{3/}	:Construct 13,827 miles of multiple-use purpose roads and 1,137 miles of trails. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - CALIFORNIA	35,642	450,913	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$1,142,820.

^{3/} Timber purchasers will construct an estimated 5,578 miles of the roads shown costing approximately an additional \$78,463,000.

COLORADO

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	1,110	19,640	: Complete and keep current inventories and plans for 628,000 acres. Cut 267 million bd. ft. annually by 1972. : Culturally treat 577,000 acres. Plant 175,000 acres.
Recreation - Public Use	4,051	42,466	: Complete management and development plans. Maintain facilities and provide sanitation. : Construct 2,920 campgrounds and picnic sites and related facilities. Plan and develop 2 areas of special significance and provide information services at these and other visitor concentrations.
Wildlife Habitat Management	272	2,195	: Administer, supervise, and coordinate wildlife activities and cooperate with States. : Improve and develop small and big game range on 29,000 acres, improve 740 miles of stream and 1,300 acres of lakes. Develop 24 wildlife watering facilities; 1.5 million acres of rodent control.
Range Resource Management	1,006	5,136	: Manage range resources, including maintenance of existing improvements. : Complete analyses and plans on 1,222 allotments. Revegetate 194,034 acres. Construct 1,183 miles of fence and 524 water developments.
Soil and Water Management	194	9,488	: Manage and administer soil and water resource. Coordinate with other resources. : Control erosion and stabilize 173,000 acres and 2,000 miles of gullies and roads. Construct 10 pollution control and flood prevention projects. Conduct soil surveys on 2.8 million acres. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	432		: Examine mining claims. Administer mineral leases and special uses. Exchange 66,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	4	5,267	: Maintain property line marking. : Survey and mark 7,035 miles of property lines. Topographic mapping of 39,270 sq. miles.
Forest Fire Protection	355	948	: Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level. : Reduce hazardous fuels on 5,400 acres.
Insect and Disease Control	465 ^{1/}		: Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	305	3,480	: Maintain existing structural and communication improvements. : Construct 100 housing and related improvements, 85 service buildings, lookouts and special structures; improve existing structures; provide 56 radio installations; replace 66 miles of telephone line; and construct 65 heliports and helispots.
Forest Roads and Trails	1,026 ^{2/}	81,058 ^{3/}	: Maintain existing transportation system. : Construct 4,585 miles of multiple-use purpose roads and 594 miles of trails. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - COLORADO	9,220	169,678	

1/ Includes national forest control only.

2/ Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$83,660.

3/ Timber purchasers will construct an estimated 456 miles of the roads shown costing approximately an additional \$3,649,000.

FLORIDA

I T E M	: Recurrent Work; Non-Recurrent :		W O R K N E E D E D
	: Annual Level :	: Project Work :	
	: 10th Year : (\$1,000) :	: 10-Year Total : (\$1,000) :	
Timber Resource Management	345		: Complete and keep current inventories and plans for 182,000 acres. Cut 71 million bd. ft. annually by 1972.
		1,628	: Culturally treat 27,000 acres. Plant 35,000 acres.
Recreation - Public Use	424		: Complete management and development plans. Maintain facilities and provide sanitation.
		6,008	: Construct 410 campgrounds and picnic sites and related facilities. Plan and develop one area of special significance and provide information services at these and other viator concentrations.
Wildlife Habitat Management	24		: Administer, supervise, and coordinate wildlife activities and cooperate with States.
		338	: Improve and develop small and big game range on 109,000 acres, improve 250 acres of lakes. Develop 65 wildlife watering facilities.
Range Resource Management	12		: Manage range resources, including maintenance of existing improvements.
		243	: Complete analyses and plans on 79 allotments. Revegetate 6,272 acres.
Soil and Water Management	6		: Manage and administer soil and water resource. Coordinate with other resources
		102	: Conduct soil surveys on 90,000 acres. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	54		: Examine mining claims. Administer mineral leases and special uses. Exchange 9,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	6		: Maintain property line marking.
		320	: Survey and mark 1,058 miles of property lines. Topographic mapping of 2,000 sq. miles.
Forest Fire Protection	372		: Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level.
		358	: Reduce hazardous fuels on 945,000 acres.
Insect and Disease Control	76 ^{1/}		: Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	93		: Maintain existing structural and communication improvements.
		500	: Construct 13 housing and related improvements, 6 service buildings, lookouts, and special structures; improve existing structures; provide 30 radio installations; and replace 11 miles of telephone line.
Forest Roads and Trails	257 ^{2/}		: Maintain existing transportation system.
		4,906 ^{3/}	: Construct 241 miles of multiple-use purpose roads. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - FLORIDA	1,669	14,403	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$4,400.

^{3/} Timber purchasers will construct an estimated 4 miles of the roads shown costing approximately an additional \$20,000.

GEORGIA

I T E M	: Recurrent Work; Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	309		: Keep plans current. Cut 51 million bd. ft. annually by 1972.
		3,741	: Culturally treat 126,000 acres. Plant 33,000 acres.
Recreation - Public Use	439		: Complete management and development plans. Maintain facilities and provide sanitation.
		5,109	: Construct 350 campgrounds and picnic sites and related facilities. Plan and develop one area of special significance and provide information services at these and other visitor concentrations.
Wildlife Habitat Management	50		: Administer, supervise, and coordinate wildlife activities and cooperate with States.
		299	: Improve and develop small and big game range on 49,000 acres, improve 150 miles of stream, and 25 acres of lakes.
Range Resource Management	48		: Manage range resources, including maintenance of existing improvements.
		83	: Complete analyses and plans.
Soil and Water Management	21		: Manage and administer soil and water resource. Coordinate with other resources.
		210	: Conduct soil surveys on 370,000 acres. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	22		: Examine mining claims. Administer mineral leases and special uses. Exchange 6,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	1		: Maintain property line marking.
		596	: Survey and mark 2,839 miles of property lines. Topographic mapping of 3,200 sq. miles.
Forest Fire Protection	199		: Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level.
		159	: Reduce hazardous fuels on 33,000 acres.
Insect and Disease Control	66 ^{1/}		: Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	72		: Maintain existing structural and communication improvements.
		542	: Construct 13 housing and related improvements, 11 service buildings, lookouts, and special structures; improve existing structures; provide 25 radio installations; replace 34 miles of telephone line; and construct 5 heliports and helispots.
Forest Roads and Trails	173 ^{2/}		: Maintain existing transportation system.
		6,546 ^{3/}	: Construct 415 miles of multiple-use purpose roads and 13 miles of trails. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - GEORGIA	1,400	17,285	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$4,310.

^{3/} Timber purchasers will construct an estimated 143 miles of the roads shown costing approximately an additional \$724,000.

IDAHO

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	4,803		: Complete and keep current inventories and plans for 913,000 acres. Cut 1.4 billion bd. ft. annually by 1972.
		48,762	: Culturally treat 659,000 acres. Plant 571,000 acres.
Recreation - Public Use	2,642		: Complete management and development plans. Maintain facilities and provide sanitation.
		21,621	: Construct 1,480 campgrounds and picnic sites and related facilities. Plan and develop 5 areas of special significance and provide information services at these and other visitor concentrations.
Wildlife Habitat Management	237		: Administer, supervise, and coordinate wildlife activities and cooperate with States.
		2,380	: Improve and develop small and big game range on 179,000 acres, improve 500 miles of stream, and 1,800 acres of lakes. Develop 29 wildlife watering facilities; 627,000 acres of rodent control.
Range Resource Management	809		: Manage range resources, including maintenance of existing improvements.
		6,403	: Complete analyses and plans on 903 allotments. Revegetate 419,428 acres. Construct 1,365 miles of fence and 500 water developments.
Soil and Water Management	235		: Manage and administer soil and water resource. Coordinate with other resources.
		6,999	: Control erosion and stabilize 134,000 acres, and 1,700 miles of gullies and roads. Construct 8 pollution control and flood prevention projects. Conduct soil surveys on 2.6 million acres. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	379		: Examine mining claims. Administer mineral leases and special uses. Exchange 159,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	6		: Maintain property line marking.
		6,007	: Survey and mark 13,101 miles of property lines. Topographic mapping of 41,700 sq. miles.
Forest Fire Protection	3,810		: Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level.
		9,068	: Reduce hazardous fuels on 126,000 acres. Construct 900 miles of firebreaks.
Insect and Disease Control	2,415 ^{1/}		: Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	916		: Maintain existing structural and communication improvements.
		12,577	: Construct 255 housing and related improvements, 400 service buildings, lookouts, and special structures; improve existing structures; provide 231 radio installations; replace 468 miles of telephone line; construct and reconstruct 25 landing fields; and construct 448 heliports and helispots.
Forest Roads and Trails	2,799 ^{2/}		: Maintain existing transportation system.
		121,250 ^{3/}	: Construct 8,334 miles of multiple-use purpose roads and 1,553 miles of trails. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - IDAHO	19,051	235,067	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$616,440.

^{3/} Timber purchasers will construct an estimated 3,914 miles of the roads shown costing approximately an additional \$41,757,000.

ILLINOIS

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level : : 10th Year : : (1,000) :	: Project Work : : 10-Year Total : : (\$1,000) :	
Timber Resource Management	306		:Complete and keep current inventories and plans for 18,000 acres. Cut 41 million bd. ft. annually by 1972.
		1,255	:Culturally treat 62,000 acres. Plant 15,000 acres.
Recreation - Public Use	288		:Complete management and development plans. Maintain facilities and provide sanitation.
		1,144	:Construct 80 campgrounds and picnic sites and related facilities. Provide information services at these and other visitor concentrations.
Wildlife Habitat Management	13		:Administer, supervise, and coordinate wildlife activities and cooperate with States.
		121	:Improve and develop small and big game range on 7,900 acres, improve 25 miles of stream and 25 acres of lakes. Develop 20 wildlife watering facilities.
Soil and Water Management	4		:Manage and administer soil and water resource. Coordinate with other resources.
		149	:Conduct soil surveys on 180,000 acres. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	53		:Examine mining claims. Administer mineral leases and special uses. Exchange 10,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	1		:Maintain property line marking.
		292	:Survey and mark 1,828 miles of property line. Topographic mapping of 1,300 sq. miles.
Forest Fire Protection	120		:Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level.
		239	:Reduce hazardous fuels on 2,600 acres. Construct 40 miles of firebreaks.
Insect and Disease Control	27 <u>1/</u>		:Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	77		:Maintain existing structural and communication improvements.
		160	:Construct 4 housing and related improvements, 5 service buildings, lookouts, and special structures; improve existing structures; provide 11 radio installations; and construct one heliport.
Forest Roads and Trails	47 <u>2/</u>		:Maintain existing transportation system.
		1,790 <u>3/</u>	:Construct 125 miles of multiple-use purpose roads. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - ILLINOIS	936	5,150	

1/ Includes national forest control only.

2/ Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$500.

3/ Timber purchasers will construct an estimated 10 miles of the roads shown costing approximately an additional \$30,000.

INDIANA

I T E M	: Recurrent Work : Non-Recurrent :		W O R K N E E D E D
	: Annual Level :	: Project Work :	
	: 10th Year :	: 10-Year Total :	
	: (\$1,000) :	: (\$1,000) :	
Timber Resource Management	61	875	: Complete and keep current inventories and plans for 11,000 acres. Cut 8 million bd. ft. annually by 1972. : Culturally treat 39,000 acres. Plant 13,000 acres.
Recreation - Public Use	131	205	: Complete management and development plans. Maintain facilities and provide sanitation. : Construct 15 campgrounds and picnic sites and related facilities. Provide information services at these and other visitor concentrations.
Wildlife Habitat Management	13	80	: Administer, supervise, and coordinate wildlife activities and cooperate with States. : Improve and develop small and big game range on 4,700 acres, improve 25 miles of stream and 15 acres of lakes. Develop 20 wildlife watering facilities.
Soil and Water Management	12	530	: Manage and administer soil and water resource. Coordinate with other resources. : Control erosion and stabilize 1,410 acres and 191 miles of gullies and roads. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	17		: Examine mining claims. Administer mineral leases and special uses. Exchange 10,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	1	83	: Maintain property line marking. : Survey and mark 1,125 miles of property lines.
Forest Fire Protection	42	71	: Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level. : Reduce hazardous fuels.
Insect and Disease Control	16 ^{1/}		: Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	15	83	: Maintain existing structural and communication improvements. : Construct 3 housing and related improvements and 3 service buildings; improve existing structures; provide 12 radio installations; and construct 1 heliport.
Forest Roads and Trails	20	1,413 ^{2/}	: Maintain existing transportation system. : Construct 87 miles of multiple-use purpose roads. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - INDIANA	328	3,340	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will construct an estimated 5 miles of the roads shown costing approximately an additional \$10,000.

KENTUCKY

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level : 10th Year : (\$1,000)	: Project Work : : 10-Year Total : : (\$1,000) :	
Timber Resource Management	338	2,153	:Complete and keep current inventories and plans for 39,000 acres. :Cut 44 million bd. ft. annually by 1972. :Culturally treat 80,000 acres. Plant 14,000 acres.
Recreation-Public Use	282	3,474	:Complete management and development plans. Maintain facilities :and provide sanitation. :Construct 240 campgrounds and picnic sites and related facilities. :Plan and develop 1 area of special significance and provide infor- :mation services at these and other visitor concentrations.
Wildlife Habitat Management	36	947	:Administer, supervise, and coordinate wildlife activities and :cooperate with States. :Improve and develop small and big game range on 19,000 acres, :improve 100 miles of stream and 100 acres of lakes. Develop :67 wildlife watering facilities.
Range Resource Management	1		:Manage range resources.
Soil and Water Management	19	881	:Manage and administer soil and water resource. Coordinate with :other resources. :Construct 70 pollution control and flood prevention projects. :Conduct soil surveys on 180,000 acres. Initiate water yield :inventories.
Land Adjustments, Classifica- tion, and Uses	137		:Examine mining claims. Administer mineral leases and special :uses. Exchange 2,000 acres of land. Prepare up-to-date land :status records. Conduct land classification work.
Land Surveys and Mapping	2	196	:Maintain property line marking. :Survey and mark 2,671 miles of property lines.
Forest Fire Protection	184	498	:Intensify protection, including increased manpower, equipment, and :aerial operations, to approximately twice present level. :Reduce hazardous fuels on 18,000 acres. Construct 200 miles of :firebreaks.
Insect and Disease Control	17 1/		:Intensify and accelerate detection, prevention, and control of :forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	45	851	:Maintain existing structural and communication improvements. :Construct 10 housing and related improvements, 47 service build- :ings, lookouts, and special structures; improve existing struc- :tures; provide 11 radio installations; replace 27 miles of tele- :phone line; and construct 5 heliports and helispots.
Forest Roads and Trails	140 2/	4,869 3/	:Maintain existing transportation system. :Construct 348 miles of multiple-use purpose roads and 15 miles :of trails. Provide supplemental work on roads constructed by :timber purchasers.
TOTAL - KENTUCKY	1,201	13,869	

1/ Includes national forest control only.

2/ Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$2,570.

3/ Timber purchasers will construct an estimated 77 miles of the roads shown costing approximately an additional \$140,000.

LOUISIANA

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level : 10th Year : (\$1,000)	: Project Work : 10-Year Total : (\$1,000)	
Timber Resource Management	393		: Complete and keep current inventories and plans for 113,000 acres. : Cut 77 million bd. ft. annually by 1972.
		2,352	: Culturally treat 109,000 acres. Plant 22,000 acres.
Recreation - Public Use	192		: Complete management and development plans. Maintain facilities : and provide sanitation.
		1,267	: Construct 90 campgrounds and picnic sites and related facilities. : Provide information services at these and other visitor concen- : trations.
Wildlife Habitat Management	21		: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
		180	: Improve and develop small and big game range on 49,000 acres, : improve 200 acres of lakes. Develop 65 wildlife watering : facilities.
Range Resource Management	18		: Manage range resources, including maintenance of existing : improvements.
		267	: Complete analyses and plans on 83 allotments. Revegetate : 7,168 acres.
Soil and Water Management	106		: Manage and administer soil and water resource. Coordinate with : other resources.
		104	: Conduct soil surveys on 90,000 acres. Initiate water yield : inventories.
Land Adjustments, Classification, and Uses	82		: Examine mining claims. Administer mineral leases and special : uses. Exchange 6,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping	1		: Maintain property line marking.
		408	: Survey and mark 2,256 miles of property lines. Topographic : mapping of 2,000 sq. miles.
Forest Fire Protection	187		: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level.
		88	: Reduce hazardous fuels on 31,000 acres.
Insect and Disease Control	79 <u>1/</u>		: Intensify and accelerate detection, prevention, and control : of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	57		: Maintain existing structural and communication improvements.
		454	: Construct 13 housing and related improvements, 7 service build- : ings, lookouts, and special structures; improve existing struc- : tures; provide 17 radio installations; and replace 23 miles of : telephone line.
Forest Roads and Trails	160 <u>2/</u>		: Maintain existing transportation system.
		4,280 <u>3/</u>	: Construct 217 miles of multiple-use purpose roads. Provide : supplemental work on roads constructed by timber purchasers.
TOTAL - LOUISIANA	1,296	9,400	

1/ Includes national forest control only.

2/ Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$2,740.

3/ Timber purchasers will construct an estimated 21 miles of the roads shown costing approximately an additional \$105,000.

MAINE

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level : 10th Year : (\$1,000)	: Project Work : : 10-Year Total: : (\$1,000)	
Timber Resource Management	37	191	: Complete and keep current inventories and plans for 9,000 acres. : Cut 5 million bd. ft. annually by 1972. : Culturally treat 9,000 acres. Plant 800 acres.
Recreation - Public Use	97	82	: Complete management and development plans. Maintain facilities : and provide sanitation. : Construct 6 campgrounds and picnic sites and related facilities. : Provide information service at these and other visitor concen- : trations.
Wildlife Habitat Management	2	66	: Administer, supervise, and coordinate wildlife activities and : cooperate with States. : Improve wildlife habitat, streams and lakes and develop 5 wildlife : watering facilities.
Soil and Water Management	3	20	: Manage and administer soil and water resource. Coordinate with : other resources. : Conduct soil surveys on 35,000 acres. Initiate water yield : inventories.
Land Adjustments, Classifica- tion, and Uses	5		: Examine mining claims. Administer mineral leases and special : uses. Prepare up-to-date land status records. Conduct land : classification work.
Land Surveys and Mapping		55	: Survey and mark 89 miles of property lines. Topographic mapping : of 400 sq. miles.
Forest Fire Protection	20	36	: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level. : Reduce hazardous fuels and construct firebreaks.
Insect and Disease Control	1 <u>1/</u>		: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	6	78	: Maintain existing structural and communication improvements. : Construct 5 service buildings; improve existing structures; : provide 4 radio installations; and replace 5 miles of telephone : line.
Forest Roads and Trails	14 <u>2/</u>	584 <u>3/</u>	: Maintain existing transportation system. : Construct 25 miles of multiple-use purpose roads and 12 miles : of trails. Provide supplemental work on roads constructed by : timber purchasers.
TOTAL - MAINE	185	1,112	

1/ Includes national forest control only.

2/ Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$330.

3/ Timber purchasers will construct an estimated 7 miles of the roads shown costing approximately an additional \$18,000.

MICHIGAN

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	798		: Complete and keep current inventories and plans for 225,000 acres. : Cut 183 million bd. ft. annually by 1972.
		20,713	: Culturally treat 649,000 acres. Plant 231,000 acres.
Recreation - Public Use	678		: Complete management and development plans. Maintain facilities : and provide sanitation.
		5,640	: Construct 390 campgrounds and picnic sites and related facilities. : Provide information services at these and other visitor concen- : trations.
Wildlife Habitat Management	89		: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
		417	: Improve and develop small and big game range on 33,000 acres, : improve 120 miles of stream and 460 acres of lakes. Develop : 20 wildlife watering facilities; 80,000 acres of rodent control.
Soil and Water Management	6		: Manage and administer soil and water resource. Coordinate with : other resources.
		174	: Conduct soil surveys on 610,000 acres. Initiate water yield : inventories.
Land Adjustments, Classifica- tion, and Uses	156		: Examine mining claims. Administer mineral leases and special : uses. Exchange 50,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping		906	: Survey and mark 9,862 miles of property lines. Topographic : mapping of 1,500 sq. miles.
Forest Fire Protection	451		: Intensify protection, including increased manpower, equipment, and : aerial operations, to approximately twice present level.
		2,277	: Reduce hazardous fuels on 12,000 acres. Construct 1,000 miles of : firebreaks.
Insect and Disease Control	175 1/		: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	144		: Maintain existing structural and communication improvements.
		920	: Construct 28 housing and related improvements, 27 service build- : ings, lookouts, and special structures; improve existing struc- : tures; provide 37 radio installations; replace 18 miles of tele- : phone line; and construct 5 heliports and helispots.
Forest Roads and Trails	534 2/		: Maintain existing transportation system.
		18,765 3/	: Construct 1,250 miles of multiple-use purpose roads. Provide : supplemental work on roads constructed by timber purchasers.
<u>TOTAL - MICHIGAN</u>	<u>3,031</u>	<u>49,812</u>	

1/ Includes national forest control only.

2/ Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$9,620.

3/ Timber purchasers will construct an estimated 170 miles of the roads shown costing approximately an additional \$645,000.

MINNESOTA

I T E M	: Recurrent Work : Non-Recurrent :		W O R K N E E D E D
	: Annual Level :	: Project Work :	
	: 10th Year : 10-Year Total :		
	: (\$1,000) :	: (\$1,000) :	
Timber Resource Management	1,161		: Complete and keep current inventories and plans for 228,000 acres. : Cut 267 million bd. ft. annually by 1972.
		17,584	: Culturally treat 440,000 acres. Plant 165,000 acres.
Recreation - Public Use	837		: Complete management and development plans. Maintain facilities : and provide sanitation.
		5,885	: Construct 400 campgrounds and picnic sites and related facilities. : Plan and develop 1 area of special significance and provide infor- : mation service at these and other visitor concentrations.
Wildlife Habitat Management	66		: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
		260	: Improve and develop small and big game range on 19,000 acres, : improve 60 miles of stream and 1,600 acres of lakes. Develop : 20 wildlife watering facilities; 28,000 acres of rodent control.
Soil and Water Management	4		: Manage and administer soil and water resource. Coordinate with : other resources.
		31	: Conduct soil surveys and initiate water yield inventories.
Land Adjustments, Classifica- tion, and Uses	144		: Examine mining claims. Administer mineral leases and special : uses. Exchange 50,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping	9		: Maintain property line marking.
		1,729	: Survey and mark 10,743 miles of property lines. Topographic : mapping of 7,760 sq. miles.
Forest Fire Protection	547		: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level.
		2,045	: Reduce hazardous fuels on 14,000 acres. Construct 700 miles of : firebreaks.
Insect and Disease Control	202 ^{1/}		: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	156		: Maintain existing structural and communication improvements.
		1,016	: Construct 19 housing and related improvements, 22 service build- : ings, lookouts, and special structures; improve existing struc- : tures; provide 32 radio installations; replace 30 miles of tele- : phone line and construct 5 heliports and helispots.
Forest Roads and Trails	391 ^{2/}		: Maintain existing transportation system.
		21,065 ^{3/}	: Construct 1,095 miles of multiple-use purpose roads and 34 miles : of trails. Provide supplemental work on roads constructed by : timber purchasers.
TOTAL - MINNESOTA	3,517	49,615	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$7,880.

^{3/} Timber purchasers will construct an estimated 130 miles of the roads shown costing approximately an additional \$675,000.

MISSISSIPPI

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level : 10th Year : (\$1,000)	: Project Work : 10-Year Total: : (\$1,000)	
Timber Resource Management	898		: Complete and keep current inventories and plans for 224,000 acres. : Cut 174 million bd. ft. annually by 1972.
		3,423	: Culturally treat 128,000 acres. Plant 33,000 acres.
Recreation - Public Use	434		: Complete management and development plans. Maintain facilities : and provide sanitation.
		2,207	: Construct 150 campgrounds and picnic sites and related facilities. : Plan and develop 1 area of special significance and provide infor- : mation services at these and other visitor concentrations.
Wildlife Habitat Management	47		: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
		308	: Improve and develop small and big game range on 86,000 acres, : improve 10 miles of stream and 150 acres of lakes. Develop : 80 wildlife watering facilities.
Range Resource Management	43		: Manage range resources, including maintenance of existing : improvements.
		307	: Complete analyses and plans on 83 allotments. Revegetate : 7,168 acres. Construct 64 miles of fence and 45 water : developments.
Soil and Water Management	66		: Manage and administer soil and water resource. Coordinate with : other resources.
		521	: Control erosion and stabilize 1,000 acres and 350 miles of gullies : and roads. Conduct soil surveys on 360,000 acres. Initiate : water yield inventories.
Land Adjustments, Classifica- tion, and Uses	97		: Examine mining claims. Administer mineral leases and special : uses. Exchange 5,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping	3		: Maintain property line marking.
		1,223	: Survey and mark 5,278 miles of property lines. Topographic : mapping of 6,900 sq. miles.
Forest Fire Protection	429		: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level.
		259	: Reduce hazardous fuels on 606,000 acres.
Insect and Disease Control	82 <u>1/</u>		: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	140		: Maintain existing structural and communication improvements.
		680	: Construct 17 housing and related improvements, 10 service build- : ings, lookouts, and special structures; improve existing struc- : tures; provide 41 radio installations; and replace 30 miles of : telephone line.
Forest Roads and Trails	232 <u>2/</u>		: Maintain existing transportation system.
		5,378 <u>3/</u>	: Construct 307 miles of multiple-use purpose roads. Provide : supplemental work on roads constructed by timber purchasers.
TOTAL - MISSISSIPPI	2,471	14,306	

1/ Includes national forest control only.

2/ Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$1,080.

3/ Timber purchasers will construct an estimated 80 miles of the roads shown costing approximately an additional \$403,000.

MISSOURI

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	493		: Complete and keep current inventories and plans for 133,000 acres. : Cut 66 million bd. ft. annually by 1972.
		6,434	: Culturally treat 345,000 acres. Plant 75,000 acres.
Recreation - Public Use	236		: Complete management and development plans. Maintain facilities : and provide sanitation.
		1,880	: Construct 130 campgrounds and picnic sites and related facilities. : Plan and develop 1 area of special significance and provide infor- : mation services at these and other visitor concentrations.
Wildlife Habitat Management	47		: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
		343	: Improve and develop small and big game range on 28,000 acres, : improve 100 miles of stream and 25 acres of lakes. Develop : 40 wildlife watering facilities.
Range Resource Management	75		: Manage range resources, including maintenance of existing : improvements.
		409	: Complete analyses and plans on 114 allotments. Revegetate : 13,440 acres. Construct 45 miles of fence and 114 water develop- : ments.
Soil and Water Management	4		: Manage and administer soil and water resource. Coordinate with : other resources.
		162	: Conduct soil surveys on 630,000 acres. Initiate water yield : inventories.
Land Adjustments, Classifica- tion, and Uses	87		: Examine mining claims. Administer mineral leases and special : uses. Exchange 40,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping	9		: Maintain property line marking.
		1,400	: Survey and mark 7,194 miles of property lines. Topographic : mapping of 7,200 sq. miles.
Forest Fire Protection	490		: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level.
		950	: Reduce hazardous fuels on 9,000 acres. Construct 165 miles of : firebreaks.
Insect and Disease Control	48 ^{1/}		: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	140		: Maintain existing structural and communication improvements.
		953	: Construct 18 housing and related improvements, 16 service build- : ings, lookouts, and special structures; improve existing struc- : tures; provide 31 radio installations; replace 151 miles of tele- : phone line; and construct 4 heliports and helispots.
Forest Roads and Trails	186 ^{2/}		: Maintain existing transportation system.
		5,820 ^{3/}	: Construct 390 miles of multiple-use purpose roads. Provide sup- : plemental work on roads constructed by timber purchasers.
TOTAL - MISSOURI	1,815	18,351	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$1,490.

^{3/} Timber purchasers will construct an estimated 30 miles of the roads shown costing approximately an additional \$70,000.

MONTANA

I T E M	: Recurrent Work; Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	3,345		: Complete and keep current inventories and plans for 996,000 acres. : Cut 944 million bd. ft. annually by 1972.
		29,599	: Culturally treat 1.2 million acres. Plant 141,000 acres.
Recreation - Public Use	1,900		: Complete management and development plans. Maintain facilities : and provide sanitation.
		7,030	: Construct 480 campgrounds and picnic sites and related facilities. : Plan and develop 1 area of special significance and provide infor- : mation services at these and other visitor concentrations.
Wildlife Habitat Management	217		: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
		1,497	: Improve and develop small and big game range on 21,000 acres, : improve 40 miles of stream and 1,100 acres of lakes. Develop : 40 wildlife watering facilities; 1.3 million acres of rodent : control.
Range Resource Management	629		: Manage range resources, including maintenance of existing : improvements.
		3,447	: Complete analyses and plans on 762 allotments. Revegetate : 155,000 acres. Construct 728 miles of fence and 525 water : developments.
Soil and Water Management	151		: Manage and administer soil and water resource. Coordinate with : other resources.
		3,382	: Control erosion and stabilize 18,000 acres and 1,300 miles of : gullies and roads. Construct 12 pollution control and flood : prevention projects. Conduct soil surveys on 1.6 million acres. : Initiate water yield inventories.
Land Adjustments, Classifica- tion, and Uses	356		: Examine mining claims. Administer mineral leases and special : uses. Exchange 144,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping	10		: Maintain property line marking.
		5,124	: Survey and mark 20,678 miles of property lines. Topographic : mapping of 29,800 sq. miles.
Forest Fire Protection	2,254		: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level.
		5,383	: Reduce hazardous fuels on 83,000 acres. Construct 200 miles of : firebreaks.
Insect and Disease Control	1,134 <u>1/</u>		: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	697		: Maintain existing structural and communication improvements.
		11,542	: Construct 243 housing and related improvements, 430 service : buildings, lookouts, and special structures; improve existing : structures; provide 231 radio installations; replace 269 miles : of telephone line; construct and reconstruct 12 landing fields; : and construct 300 heliports and helispots.
Forest Roads and Trails	1,892 <u>2/</u>		: Maintain existing transportation system.
		76,557 <u>3/</u>	: Construct 5,714 miles of multiple-use purpose roads and 1,148 : miles of trails. Provide supplemental work on roads constructed : by timber purchasers.
TOTAL - MONTANA	12,585	143,561	

1/ Includes national forest control only.

2/ Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$372,670.

3/ Timber purchasers will construct an estimated 3,350 miles of the roads shown costing approximately an additional \$36,840,000.

NEBRASKA

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	5		: Complete and keep current inventories and plans for 3,000 acres.
		1,891	: Culturally treat 27,000 acres. Plant 12,000 acres.
Recreation - Public Use	70		: Complete management and development plans. Maintain facilities and provide sanitation.
		123	: Construct 10 campgrounds and picnic sites and related facilities. Provide information services at these and other visitor concentrations.
Wildlife Habitat Management	29		: Administer, supervise, and coordinate wildlife activities and cooperate with States.
		265	: Improve wildlife habitat. Rodent control 11,000 acres.
Range Resource Management	63		: Manage range resources, including maintenance of existing improvements.
		252	: Complete analyses and plans on 38 allotments. Revegetate 6,720 acres. Construct 91 miles of fence and 40 water developments.
Soil and Water Management	3		: Manage and administer soil and water resource. Coordinate with other resources.
		14	: Rehabilitate eroded lands and stabilize gullies, roads and streams.
Land Adjustments, Classification, and Uses	16		: Examine mining claims. Administer mineral leases and special uses. Exchange 1,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping		137	: Survey and mark 220 miles of property lines. Topographic mapping of 1,000 sq. miles.
Forest Fire Protection	40		: Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level.
		35	: Reduce hazardous fuels and construct firebreaks.
Insect and Disease Control	56 ^{1/}		: Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	29		: Maintain existing structural and communication improvements.
		78	: Construct 1 house and related improvements, 3 service buildings; improve existing structures; provide 4 radio installations; and construct 1 heliport.
Forest Roads and Trails	4 ^{2/}		: Maintain existing transportation system.
		314 ^{3/}	: Construct 18 miles of multiple-use purpose roads and 2 miles of trails. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - NEBRASKA	315	3,109	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$330.

^{3/} Timber purchasers will construct an estimated 2 miles of the roads shown costing approximately an additional \$14,000.

NEVADA

I T E M	: Recurrent Work; Non-Recurrent:		W O R K N E E D E D
	: Annual Level : 10th Year : (\$1,000)	: Project Work : 10-Year Total : (\$1,000)	
Timber Resource Management	27		: Complete and keep current inventories and plans for 10,000 acres. : Cut 5 million bd. ft. annually by 1972.
		329	: Culturally treat 10,000 acres. Plant 1,700 acres.
Recreation - Public Use	621		: Complete management and development plans. Maintain facilities : and provide sanitation.
		2,983	: Construct 200 campgrounds and picnic sites and related facilities. : Plan and develop 1 area of special significance and provide infor- : mation services at these and other visitor concentrations.
Wildlife Habitat Management	49		: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
		210	: Improve and develop small and big game range on 46,000 acres, : improve 80 miles of stream and 345 acres of lakes. Develop : 5 wildlife watering facilities; 52,000 acres of rodent control.
Range Resource Management	300		: Manage range resources, including maintenance of existing : improvements.
		3,020	: Complete analyses and plans on 278 allotments. Revegetate : 179,200 acres. Construct 910 miles of fence and 315 water : developments.
Soil and Water Management	47		: Manage and administer soil and water resource. Coordinate with : other resources.
		725	: Control erosion and stabilize 8,000 acres and 100 miles of : gullies and roads. Initiate water yield inventories.
Land Adjustments, Classifica- tion, and Uses	74		: Examine mining claims. Administer mineral leases and special : uses. Exchange 11,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping	1		: Maintain property line marking.
		2,292	: Survey and mark 2,701 miles of property lines. Topographic : mapping of 17,300 sq. miles.
Forest Fire Protection	114		: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level.
		139	: Reduce hazardous fuels and construct 200 miles of firebreaks.
Insect and Disease Control	17 ^{1/}		: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	80		: Maintain existing structural and communication improvements.
		886	: Construct 23 housing and related improvements, 27 service : buildings, lookouts, and special structures; improve exist- : ing structures; provide 22 radio installations; and replace : 24 miles of telephone line.
Forest Roads and Trails	115		: Maintain existing transportation system.
		12,187	: Construct 604 miles of multiple-use purpose roads and 136 miles : of trails. Provide supplemental work on roads constructed by : timber purchasers.
TOTAL - NEVADA	1,445	22,771	

^{1/} Includes national forest control only.

NEW HAMPSHIRE

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	249	1,421	: Complete and keep current inventories and plans for 53,000 acres. : Cut 32 million bd. ft. annually by 1972. : Culturally treat 67,000 acres. Plant 3,400 acres.
Recreation - Public Use	624	5,599	: Complete management and development plans. Maintain facilities : and provide sanitation. : Construct 380 campgrounds and picnic sites and related facilities. : Plan and develop 2 areas of special significance and provide infor- : mation services at these and other visitor concentrations.
Wildlife Habitat Management	17	818	: Administer, supervise, and coordinate wildlife activities and : cooperate with States. : Improve and develop small and big game range on 14,000 acres, : improve 130 miles of stream and 180 acres of lakes. Develop : 50 wildlife watering facilities.
Soil and Water Management	13	180	: Manage and administer soil and water resource. Coordinate with : other resources. : Conduct soil surveys on 240,000 acres. Initiate water yield : inventories.
Land Adjustments, Classifica- tion, and Uses	40		: Examine mining claims. Administer mineral leases and special : uses. Exchange 2,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping	2	468	: Maintain property line marking. : Survey and mark 900 miles of property lines. Topographic : mapping of 3,320 sq. miles.
Forest Fire Protection	79	352	: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level. : Reduce hazardous fuels on 8,000 acres. Construct 100 miles of : firebreaks.
Insect and Disease Control	8 ^{1/}		: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	23	504	: Maintain existing structural and communication improvements. : Construct 6 housing and related improvements, 26 service build- : ings, lookouts, and special structures; improve existing struc- : tures; provide 11 radio installations; replace 14 miles of tele- : phone line; and construct 5 heliports and helispots.
Forest Roads and Trails	114 ^{2/}	4,035 ^{3/}	: Maintain existing transportation system. : Construct 194 miles of multiple-use purpose roads and 45 miles : of trails. Provide supplemental work on roads constructed by : timber purchasers.
TOTAL - NEW HAMPSHIRE	1,169	13,377	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$2,075.

^{3/} Timber purchasers will construct an estimated 46 miles of the roads shown costing approximately an additional \$115,000.

NEW MEXICO

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	727		: Complete and keep current inventories and plans for 320,000 acres. : Cut 181 million bd. ft. annually by 1972.
		17,544	: Culturally treat 719,000 acres. Plant 51,000 acres.
Recreation - Public Use	1,607		: Complete management and development plans. Maintain facilities : and provide sanitation.
		14,836	: Construct 1,000 campgrounds and picnic sites and related facili- : ties. Plan and develop 1 area of special significance and provide : information services at these and other visitor concentrations.
Wildlife Habitat Management	157		: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
		1,186	: Improve and develop small and big game range on 98,000 acres, : improve 190 miles of stream and 1,000 acres of lakes. Develop : 250 wildlife watering facilities; 267 acres of rodent control.
Range Resource Management	744		: Manage range resources, including maintenance of existing : improvements.
		8,530	: Complete analyses and plans on 535 allotments. Revegetate : 424,691 acres. Construct 2,730 miles of fence and 1,220 water : developments.
Soil and Water Management	145		: Manage and administer soil and water resource. Coordinate with : other resources.
		13,040	: Control erosion and stabilize 302,000 acres and 2,200 miles of : gullies and roads. Construct 30 pollution control and flood : prevention projects. Conduct soil surveys on 1.7 million acres. : Initiate water yield inventories.
Land Adjustments, Classifica- tion, and Uses	335		: Examine mining claims. Administer mineral leases and special : uses. Exchange 200,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping	4		: Maintain property line marking.
		3,861	: Survey and mark 9,734 miles of property lines. Topographic : mapping of 26,000 sq. miles.
Forest Fire Protection	737		: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level.
		1,913	: Reduce hazardous fuels on 63,000 acres.
Insect and Disease Control	302 <u>1/</u>		: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	302		: Maintain existing structural and communication improvements.
		4,298	: Construct 84 housing and related improvements, 170 service : buildings, lookouts, and special structures; improve existing : structures; provide 74 radio installations; replace 112 miles : of telephone line; construct and reconstruct 4 landing fields; : and construct 75 heliports and helispots.
Forest Roads and Trails	739 <u>2/</u>		: Maintain existing transportation system.
		32,370 <u>3/</u>	: Construct 2,172 miles of multiple-use purpose roads and 250 : miles of trails. Provide supplemental work on roads constructed : by timber purchasers.
TOTAL - NEW MEXICO	5,799	97,578	

1/ Includes national forest control only.

2/ Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$105,825.

3/ Timber purchasers will construct an estimated 512 miles of the roads shown costing approximately an additional \$1,830,000.

NORTH CAROLINA

I T E M	Recurrent Work:	Non-Recurrent:	W O R K N E E D E D
	Annual Level : 10th Year (\$1,000)	Project Work : 10-Year Total: (\$1,000)	
Timber Resource Management	419	3,681	:Complete and keep current inventories and plans for 14,000 acres. :Cut 72 million bd. ft. annually by 1972. : :Culturally treat 66,000 acres. Plant 75,000 acres.
Recreation - Public Use	1,353	23,705	:Complete management and development plans. Maintain facilities :and provide sanitation. : :Construct 1,600 campgrounds and picnic sites and related facili- :ties. Plan and develop 4 areas of special significance and :provide information services at these and other visitor concen- :trations.
Wildlife Habitat Management	41	391	:Administer, supervise, and coordinate wildlife activities and :cooperate with States. : :Improve and develop small and big game range on 83,000 acres, :improve 240 miles of stream and 25 acres of lakes.
Range Resource Management	1		:Manage range resources, including maintenance of existing :improvements.
Soil and Water Management	7	287	:Manage and administer soil and water resource. Coordinate :with other resources. : :Conduct soil surveys on 320,000 acres. Initiate water yield :inventories.
Land Adjustments, Classifica- tion, and Uses	54		:Examine mining claims. Administer mineral leases and special :uses. Exchange 8,000 acres of land. Prepare up-to-date land :status records. Conduct land classification work.
Land Surveys and Mapping	1	770	:Maintain property line marking. : :Survey and mark 4,551 miles of property lines. Topographic :mapping of 3,600 sq. miles.
Forest Fire Protection	320	265	:Intensify protection, including increased manpower, equipment, :and aerial operations, to approximately twice present level. : :Reduce hazardous fuels on 256,000 acres.
Insect and Disease Control	56 ^{1/}		:Intensify and accelerate detection, prevention, and control :of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	130	569	:Maintain existing structural and communication improvements. : :Construct 13 housing and related improvements, 10 service :buildings, lookouts, and special structures; improve existing :structures; provide 15 radio installations; replace 76 miles :of telephone line; and construct 10 heliports and helispots.
Forest Roads and Trails	253 ^{2/}	8,430 ^{3/}	:Maintain existing transportation system. : :Construct 483 miles of multiple-use purpose roads and 86 miles :of trails. Provide supplemental work on roads constructed by :timber purchaaers.
TOTAL - NORTH CAROLINA	2,635	38,098	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$2,650.

^{3/} Timber purchasers will construct an estimated 115 miles of the roads shown costing approximately an additional \$584,000.

NORTH DAKOTA

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	6		: Complete plans and keep inventories current.
		90	: Cultural treatment
Recreation - Public Use	34		: Complete management and development plans. Maintain facilities and provide sanitation.
		452	: Construct 2 campgrounds and picnic sites and related facilities. Provide information services at these and other visitor concentrations.
Wildlife Habitat Management	94		: Administer, supervise, and coordinate wildlife activities and cooperate with States.
		738	: Improve and develop small and big game range and develop wildlife watering facilities.
Range Resource Management	224		: Manage range resources, including maintenance of existing improvements.
		924	: Complete analyses and plans.
Soil and Water Management	59		: Manage and administer soil and water resource. Coordinate with other resources.
Land Surveys and Mapping		620	: Survey and mark 198 miles of property lines. Topographic mapping of 5,000 sq. miles.
Structural Improvements for Fire and General Purpose	5		: Maintain existing structural and communication improvements.
		288	: Construct 7 housing and related improvements and 11 service buildings; improve existing structures.
TOTAL - NORTH DAKOTA	422	3,112	

OHIO

I T E M	: Recurrent Work : Non-Recurrent :		W O R K N E E D E D
	: Annual Level : Project Work :	: 10th Year : 10-Year Total :	
	: (\$1,000) :	: (\$1,000) :	
Timber Resource Management	82		: Complete and keep current inventories and plans for 9,000 acres. : Cut 11 million bd. ft. annually by 1972.
		807	: Culturally treat 31,000 acres. Plant 14,000 acres.
Recreation - Public Use	126		: Complete management and development plans. Maintain facilities : and provide sanitation.
		532	: Construct 38 campgrounds and picnic sites and related facilities. : Provide information services at these and other visitor concen- : trations.
Wildlife Habitat Management	13		: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
		78	: Improve and develop small and big game range and develop 20 : wildlife watering facilities.
Soil and Water Management	6		: Manage and administer soil and water resource. Coordinate with : other resources.
		194	: Rehabilitate eroded lands and stabilize gullies, roads and : streams.
Land Adjustments, Classifica- tion, and Uses	22		: Examine mining claims. Administer mineral leases and special : uses. Exchange 10,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping	6		: Maintain property line marking.
		645	: Survey and mark 956 miles of property lines. Topographic : mapping of 4,750 sq. miles.
Forest Fire Protection	61		: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level.
		83	: Reduce hazardous fuels and construct firebreaks.
Insect and Disease Control	18 ^{1/}		: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	15		: Maintain existing structural and communication improvements.
		131	: Construct 5 housing and related improvements and 4 service build- : ings; improve existing structures; provide 12 radio installations; : and construct 1 heliport.
Forest Roads and Trails	13		: Maintain existing transportation system.
		957 ^{2/}	: Construct 63 miles of multiple-use purpose roads. Provide sup- : plemental work on roads constructed by timber purchasers.
<u>TOTAL - OHIO</u>	<u>362</u>	<u>3,427</u>	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will construct an estimated 5 miles of the roads shown costing approximately an additional \$10,000.

OKLAHOMA

I T E M	: Recurrent Work : Non-Recurrent :		W O R K N E E D E D
	: Annual Level : Project Work :		
	: 10th Year : 10-Year Total :		
	: (\$1,000) : (\$1,000) :		
Timber Resource Management	88	898	: Keep plans current. Cut 18 million bd. ft. annually by 1972. : Culturally treat 40,000 acres.
Recreation - Public Use	33	736	: Complete management and development plans. Maintain facilities : and provide sanitation. : Construct 50 campgrounds and picnic sites and related facilities. : Provide information services at these and other visitor concen- : trations.
Wildlife Habitat Management	12	60	: Administer, supervise, and coordinate wildlife activities and : cooperate with States. : Improve and develop small and big game range and develop 20 : wildlife watering facilities.
Range Resource Management	21	77	: Manage range resources, including maintenance of existing : improvements. : Complete analyses and plans on 10 allotments. Revegetate : 896 acres.
Soil and Water Management	43	32	: Manage and administer soil and water resources. Coordinate with : other resources. : Rehabilitate eroded lands and stabilize gullies, roads and : streams. Conduct soil surveys on 80,000 acres. Initiate water : yield inventories.
Land Adjustments, Classifica- tion, and Uses	11		: Examine mining claims. Administer mineral leases and special : uses. Prepare up-to-date land status records. Conduct land : classification work.
Land Surveys and Mapping	1	174	: Maintain property line marking. : Survey and mark 968 miles of property lines. Topographic : mapping of 850 sq. miles.
Forest Fire Protection	55	23	: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level. : Reduce hazardous fuels and construct firebreaks.
Insect and Disease Control	35 ^{1/}		: Intensify and accelerate detection, prevention, and control : of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	7	112	: Maintain existing structural and communication improvements. : Construct 2 housing and related improvements and 3 service : buildings; improve existing structures; provide 5 radio instal- : lations; and replace 19 miles of telephone line.
Forest Roads and Trails	26 ^{2/}	1,682	: Maintain existing transportation system. : Construct 51 miles of multiple-use purpose roads. Provide : supplemental work on roads constructed by timber purchasers.
TOTAL - OKLAHOMA	332	3,794	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$910.

OREGON

I T E M	: Recurrent Work : Non-Recurrent :		W O R K N E E D E D
	: Annual Level : Project Work :		
	: 10th Year : 10-Year Total :		
	: (\$1,000) : (\$1,000) :		
Timber Resource Management	6,168	44,974	: Complete and keep current inventories and plans for 1.3 million acres. Cut 3 billion bd. ft. annually by 1972.
Recreation - Public Use	3,697	23,950	: Culturally treat 890,000 acres. Plant 487,000 acres.
Wildlife Habitat Management	198	2,177	: Complete management and development plans. Maintain facilities and provide sanitation.
Range Resource Management	646	7,227	: Construct 1,620 campgrounds and picnic sites and related facilities. Plan and develop 8 areas of special significance and provide information services at these and other visitor concentrations.
Soil and Water Management	174	7,518	: Administer, supervise, and coordinate wildlife activities and cooperate with States.
Land Adjustments, Classification, and Uses	366		: Improve and develop small and big game range on 80,000 acres, improve 1,000 miles of stream and 19,000 acres of lakes. Develop 65 wildlife watering facilities; 641,000 acres of rodent control.
Land Surveys and Mapping	6	3,409	: Manage range resources, including maintenance of existing improvements.
Forest Fire Protection	2,998	11,016	: Complete analyses and plans on 629 allotments. Revegetate 367,360 acres. Construct 2,000 miles of fence and 1,304 water developments.
Insect and Disease Control	889 ^{1/}		: Manage and administer soil and water resource. Coordinate with other resources.
Structural Improvements for Fire and General Purpose	1,063	14,859	: Control erosion and stabilize 68,000 acres and 2,400 miles of gullies and roads. Construct 16 pollution control and flood prevention projects. Conduct soil surveys on 2.5 million acres. Initiate water yield inventories.
Forest Roads and Trails	4,097 ^{2/}	233,778 ^{3/}	: Examine mining claims. Administer mineral leases and special uses. Exchange 117,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
TOTAL - OREGON	20,302	348,908	: Maintain property line marking.
			: Survey and mark 12,651 miles of property lines. Topographic mapping of 20,500 sq. miles.
			: Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level.
			: Reduce hazardous fuels on 104,000 acres. Construct 900 miles of firebreaks.
			: Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
			: Maintain existing structural and communication improvements.
			: Construct 452 housing and related improvements, 360 service buildings, lookouts, and special structures; improve existing structures; provide 112 radio installations; replace 129 miles of telephone line; construct and reconstruct 3 landing fields; and construct 113 heliports and helispots.
			: Maintain existing transportation system.
			: Construct 18,327 miles of multiple-use purpose roads and 748 miles of trails. Provide supplemental work on roads constructed by timber purchasers.

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$1,612,440.

^{3/} Timber purchasers will construct an estimated 11,474 miles of the roads shown costing approximately an additional \$192,220,000.

PENNSYLVANIA

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	436		: Complete and keep current inventories and plans for 40,000 acres. : Cut 57 million bd. ft. annually by 1972.
		2,136	: Culturally treat 100,000 acres. Plant 6,700 acres.
Recreation - Public Use	224		: Complete management and development plans. Maintain facilities : and provide sanitation.
		6,212	: Construct 430 campgrounds and picnic sites and related : facilities. Plan and develop one area of special significance : and provide information services at these and other visitor : concentrations.
Wildlife Habitat Management	33		: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
		1,015	: Improve and develop small and big game range on 11,000 acres, : improve 120 miles of stream and 700 acres of lakes. Develop : 40 wildlife watering facilities.
Soil and Water Management	10		: Manage and administer soil and water resource. Coordinate with : other resources.
		190	: Rehabilitate eroded lands and stabilize gullies, roads and : streams. Conduct soil surveys on 200,000 acres. Initiate : water yield inventories.
Land Adjustments, Classification, and Uses	172		: Examine mining claims. Administer mineral leases and special : uses. Exchange 2,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping	2		: Maintain property line marking.
		378	: Survey and mark 1,040 miles of property lines. Topographic : mapping of 2,500 sq. miles.
Forest Fire Protection	71		: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level.
		137	: Reduce hazardous fuels and construct firebreaks.
Insect and Disease Control	7 <u>1/</u>		: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	23		: Maintain existing structural and communication improvements.
		416	: Construct 7 housing and related improvements, 20 service : buildings, lookouts, and special structures; improve existing : structures; provide 13 radio installations; and replace 2 : miles of telephone line.
Forest Roads and Trails	136 <u>2/</u>		: Maintain existing transportation system.
		4,079 <u>3/</u>	: Construct 241 miles of multiple-use purpose roads and 45 miles : of trails. Provide supplemental work on roads constructed by : timber purchasers.
TOTAL - PENNSYLVANIA	1,114	14,563	

1/ Includes national forest control only.

2/ Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$2,150.

3/ Timber purchasers will construct an estimated 55 miles of the roads shown costing approximately an additional \$118,000.

SOUTH CAROLINA

I T E M	: Recurrent Work : Non-Recurrent :		W O R K N E E D E D
	: Annual Level : Project Work :	: 10th Year : 10-Year Total :	
	: (\$1,000) :	: (\$1,000) :	
Timber Resource Management	: 371 :	: :	: Complete and keep current inventories and plans for 189,000 acres. Cut 73 million bd. ft. annually by 1972.
	: :	: 962 :	: Culturally treat 31,000 acres. Plant 14,000 acres.
Recreation - Public Use	: 166 :	: :	: Complete management and development plans. Maintain facilities and provide sanitation.
	: :	: 1,144 :	: Construct 80 campgrounds and picnic sites and related facilities. Provide information services at these and other visitor concentrations.
Wildlife Habitat Management	: 24 :	: :	: Administer, supervise, and coordinate wildlife activities and cooperate with States.
	: :	: 207 :	: Improve and develop small and big game range on 54,000 acres, improve 50 miles of stream and 50 acres of lakes. Develop 60 wildlife watering facilities.
Range Resource Management	: 8 :	: :	: Manage range resources, including maintenance of existing improvements.
	: :	: 168 :	: Complete analyses and plans on 49 allotments. Revegetate 4,480 acres.
Soil and Water Management	: 12 :	: :	: Manage and administer soil and water resource. Coordinate with other resources.
	: :	: 437 :	: Rehabilitate eroded lands and stabilize gullies, roads and streams. Conduct soil surveys on 320,000 acres. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	: 34 :	: :	: Examine mining claims. Administer mineral leases and special uses. Exchange 6,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	: 1 :	: :	: Maintain property line marking.
	: :	: 452 :	: Survey and mark 1,908 miles of property lines. Topographic mapping of 2,580 sq. miles.
Forest Fire Protection	: 188 :	: :	: Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level.
	: :	: 262 :	: Reduce hazardous fuels on 491,000 acres.
Insect and Disease Control	: 56 ^{1/} :	: :	: Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	: 72 :	: :	: Maintain existing structural and communication improvements.
	: :	: 359 :	: Construct 10 housing and related improvements, 6 service buildings, lookouts, and special structures; improve existing structures; and provide 15 radio installations.
Forest Roads and Trails	: 125 ^{2/} :	: :	: Maintain existing transportation system.
	: :	: 2,569 ^{3/} :	: Construct 300 miles of multiple-use purpose roads. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - SOUTH CAROLINA	: 1,057 :	: 6,560 :	

1/ Includes national forest control only.

2/ Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$1,740.

3/ Timber purchasers will construct an estimated 69 miles of the roads shown costing approximately an additional \$348,000.

SOUTH DAKOTA

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	443		: Complete and keep current inventories and plans for 99,000 acres. : Cut 117 million bd. ft. annually by 1972.
		8,658	: Culturally treat 397,000 acres. Plant 43,000 acres.
Recreation - Public Use	795		: Complete management and development plans. Maintain facilities : and provide sanitation.
		8,174	: Construct 550 campgrounds and picnic sites and related : facilities. Provide information services at these and other : visitor concentrations.
Wildlife Habitat Management	100		: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
		575	: Improve wildlife habitat, streams, lakes, and small watering : facilities for wildlife; 374,000 acres of rodent control.
Range Resource Management	293		: Manage range resources, including maintenance of existing : improvements.
		704	: Complete analyses and plans on 80 allotments. Revegetate : 11,648 acres. Construct 145 miles of fence and 65 water : developments.
Soil and Water Management	62		: Manage and administer soil and water resource. Coordinate : with other resources.
		351	: Control erosion and stabilize 2,200 acres and 200 miles of gullies : and roads. Conduct soil surveys on 210,000 acres. Initiate : water yield inventories.
Land Adjustments, Classifica- tion, and Uses	108		: Examine mining claims. Administer mineral leases and special : uses. Exchange 20,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping		165	: Survey and mark 980 miles of property lines. Topographic : mapping of 770 sq. miles.
Forest Fire Protection	325		: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level.
		1,520	: Reduce hazardous fuels on 14,000 acres.
Insect and Disease Control	107 ^{1/}		: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	83		: Maintain existing structural and communication improvements.
		779	: Construct 19 housing and related improvements, 20 service : buildings, lookouts, and special structures; improve existing : structures; provide 13 radio installations; and replace 42 miles : of telephone line.
Forest Roads and Trails	119 ^{2/}		: Maintain existing transportation system.
		9,029 ^{3/}	: Construct 515 miles of multiple-use purpose roads and 60 miles : of trails. Provide supplemental work on roads constructed by : timber purchasers.
TOTAL - SOUTH DAKOTA	2,435	29,955	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$8,710.

^{3/} Timber purchasers will construct an estimated 47 miles of the roads shown costing approximately an additional \$379,000.

TENNESSEE

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	: 222	:	: Keep plans current. Cut 37 million bd. ft. annually by 1972.
	:	: 3,341	: Culturally treat 155,000 acres. Plant 12,000 acres.
Recreation - Public Use	: 900	:	: Complete management and development plans. Maintain facilities and provide sanitation.
	:	: 9,850	: Construct 680 campgrounds and picnic sites and related facilities. Provide information services at these and other visitor concentrations.
Wildlife Habitat Management	: 33	:	: Administer, supervise, and coordinate wildlife activities and cooperate with States.
	:	: 241	: Improve and develop small and big game range on 46,000 acres, improve 155 miles of stream and 25 acres of lakes.
Range Resource Management	: 3	:	: Manage range resources, including maintenance of existing improvements.
Soil and Water Management	: 6	:	: Manage and administer soil and water resource. Coordinate with other resources.
	:	: 143	: Rehabilitate eroded lands and stabilize gullies, roads and streams. Conduct soil surveys on 180,000 acres. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	: 44	:	: Examine mining claims. Administer mineral leases and special uses. Exchange 6,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	: 1	:	: Maintain property line marking.
	:	: 431	: Survey and mark 1,617 miles of property lines. Topographic mapping of 2,580 sq. miles.
Forest Fire Protection	: 172	:	: Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level.
	:	: 162	: Reduce hazardous fuels on 41,000 acres.
Insect and Disease Control	: 75 1/	:	: Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	: 71	:	: Maintain existing structural and communication improvements.
	:	: 446	: Construct 12 housing and related improvements, 9 service buildings, lookouts, and special structures; improve existing structures; provide 5 radio installations; replace 30 miles of telephone line; and construct 5 heliports and helispots.
Forest Roads and Trails	: 147 2/	:	: Maintain existing transportation system.
	:	: 6,404 3/	: Construct 339 miles of multiple-use purpose roads and 36 miles of trails. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - TENNESSEE	: 1,674	: 21,018	:

1/ Includes national forest control only.

2/ Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$3,480.

3/ Timber purchasers will construct an estimated 24 miles of the roads shown costing approximately an additional \$121,000.

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	603		: Complete and keep current inventories and plans for 111,000 acres. : Cut 126 million bd. ft. annually by 1972.
		819	: Culturally treat 39,000 acres. Plant 2,600 acres.
Recreation - Public Use	137		: Complete management and development plans. Maintain facilities : and provide sanitation.
		7,765	: Construct 540 campgrounds and picnic sites and related facili- : ties. Plan and develop 2 areas of special significance and : provide information services at these and other visitor concen- : trations.
Wildlife Habitat Management	21		: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
		205	: Improve wildlife habitat, lakes and small watering facilities for : wildlife.
Range Resource Management	30		: Manage range resources, including maintenance of existing : improvements.
		340	: Complete analyses and plans on 84 allotments. Revegetate : 7,168 acres. Construct 45 water developments.
Soil and Water Management	176		: Manage and administer soil and water resource. Coordinate : with other resources.
		126	: Rehabilitate eroded lands and stabilize gullies, roads and : streams. Conduct soil surveys on 150,000 acres. Initiate water : yield inventories.
Land Adjustments, Classifica- tion, and Uses	53		: Examine mining claims. Administer mineral leases and special : uses. Exchange 4,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping	3		: Maintain property line marking.
		856	: Survey and mark 3,255 miles of property lines. Topographic : mapping of 5,100 sq. miles.
Forest Fire Protection	180		: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level.
		167	: Reduce hazardous fuels on 331,000 acres.
Insect and Disease Control	51 ^{1/}		: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	81		: Maintain existing structural and communication improvements.
		576	: Construct 15 housing and related improvements and 7 service : buildings; improve existing structures; provide 28 radio instal- : lations; and replace 23 miles of telephone line.
Forest Roads and Trails	199 ^{2/}		: Maintain existing transportation system.
		3,847 ^{3/}	: Construct 393 miles of multiple-use purpose roads. Provide : supplemental work on roads constructed by timber purchasers.
<u>TOTAL - TEXAS</u>	<u>1,534</u>	<u>14,701</u>	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$2,650.

^{3/} Timber purchasers will construct an estimated 135 miles of the roads shown costing approximately an additional \$662,000.

UTAH

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	510		: Complete and keep current inventories and plans for 190,000 acres. : Cut 108 million bd. ft. annually by 1972.
		9,400	: Culturally treat 363,000 acres. Plant 47,000 acres.
Recreation - Public Use	3,824		: Complete management and development plans. Maintain facilities : and provide sanitation.
		30,286	: Construct 2,070 campgrounds and picnic sites and related facili- : ties. Plan and develop 1 area of special significance and : provide information services at these and other visitor concen- : trations.
Wildlife Habitat Management	193		: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
		841	: Improve and develop small and big game range on 186,000 acres, : improve 315 miles of stream and 1,400 acres of lakes. Develop : 20 wildlife watering facilities; 185,000 acres of rodent control.
Range Resource Management	739		: Manage range resources, including maintenance of existing : improvements.
		8,035	: Complete analyses and plans on 600 allotments. Revegetate : 625,000 acres. Construct 1,545 miles of fence and 825 water : developments
Soil and Water Management	135		: Manage and administer soil and water resource. Coordinate : with other resources.
		13,107	: Control erosion and stabilize 183,000 acres and 3,300 miles : of gullies and roads. Construct 26 pollution control and : flood prevention projects. Conduct soil surveys on 1.6 million : acres. Initiate water yield inventories.
Land Adjustments, Classifica- tion, and Uses	331		: Examine mining claims. Administer mineral leases and special : uses. Exchange 15,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping	2		: Maintain property line marking.
		3,251	: Survey and mark 3,750 miles of property lines. Topographic : mapping of 24,600 sq. miles.
Forest Fire Protection	202		: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level.
		776	: Reduce hazardous fuels on 5,500 acres. Construct 400 miles : of firebreaks.
Insect and Disease Control	305 <u>1/</u>		: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	207		: Maintain existing structural and communication improvements.
		2,618	: Construct 58 housing and related improvements, 90 service build- : ings, lookouts, and special structures; improve existing struc- : tures; provide 37 radio installations; replace 3 miles of : telephone line; construct and reconstruct 2 landing fields.
Forest Roads and Trails	643 <u>2/</u>		: Maintain existing transportation system.
		40,948 <u>3/</u>	: Construct 2,108 miles of multiple-use purpose roads and 452 miles : of trails. Provide supplemental work on roads constructed by : timber purchasers.
TOTAL - UTAH	7,091	109,262	

1/ Includes national forest control only.

2/ Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$70,380.

3/ Timber purchasers will construct an estimated 282 miles of the roads shown costing approximately an additional \$2,816,000.

VERMONT

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level : 10th Year : (\$1,000)	: Project Work : 10-Year Total : (\$1,000)	
Timber Resource Management	173		: Complete and keep current inventories and plans for 19,000 acres. Cut 23 million bd. ft. annually by 1972.
		1,217	: Culturally treat 53,000 acres. Plant 5,300 acres.
Recreation - Public Use	152		: Complete management and development plans. Maintain facilities and provide sanitation.
		818	: Construct 60 campgrounds and picnic sites and related facilities. Provide information services at these and other visitor concentrations.
Wildlife Habitat Management	8		: Administer, supervise, and coordinate wildlife activities and cooperate with States.
		457	: Improve and develop small and big game range on 8,800 acres, improve 35 miles of stream, and 182 acres of lakes. Develop 32 wildlife watering facilities.
Soil and Water Management	6		: Manage and administer soil and water resource. Coordinate with other resources.
		111	: Watershed rehabilitation on eroded areas and flood prevention projects. Stabilize gullies, roads, and streams. Conduct soil surveys on 80,000 acres. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	12		: Examine mining claims. Administer mineral leases and special uses. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	1		: Maintain property line marking.
		233	: Survey and mark 796 miles of property lines. Topographic mapping of 1,440 sq. miles.
Forest Fire Protection	42		: Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level.
		66	: Reduce hazardous fuels on 1,000 acres.
Insect and Disease Control	2 ^{1/}		: Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	9		: Maintain existing structural and communication improvements.
		181	: Construct 4 housing and related improvements, 9 service buildings, lookouts, and special structures; improve existing structures; and provide 5 radio installations.
Forest Roads and Trails	76 ^{2/}		: Maintain existing transportation system.
		3,717 ^{3/}	: Construct 202 miles of multiple-use purpose roads and 50 miles of trails. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - VERMONT	481	6,800	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$2,075.

^{3/} Timber purchasers will construct an estimated 45 miles of the roads shown costing approximately an additional \$114,000.

VIRGINIA

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	1,168	6,323	: Complete and keep current inventories and plans for 132,000 acres. : Cut 152 million bd. ft. annually by 1972.
			: Culturally treat 241,000 acres. Plant 38,000 acres.
Recreation - Public Use	804	12,465	: Complete management and development plans. Maintain facilities : and provide sanitation.
			: Construct 850 campgrounds and picnic sites and related facili- : ties. Plan and develop 2 areas of special significance and : provide information services at these and other visitor concen- : trations.
Wildlife Habitat Management	123	1,985	: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
			: Improve and develop small and big game range on 45,000 acres, : improve 125 miles of stream and 100 acres of lakes. Develop : 162 wildlife watering facilities.
Range Resource Management	3	27	: Manage range resources, including maintenance of existing : improvements.
			: Complete analyses and plans on 5 allotments. Revegetate : 1,971 acres.
Soil and Water Management	39	709	: Manage and administer soil and water resource. Coordinate : with other resources.
			: Rehabilitate eroded lands and stabilize gullies, roads and : streams. Construct 29 pollution control and flood prevention : projects. Conduct soil surveys on 600,000 acres. Initiate : water yield inventories.
Land Adjustments, Classifica- tion, and Uses	218		: Examine mining claims. Administer mineral leases and special : uses. Exchange 6,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping	5	506	: Maintain property line marking.
			: Survey and mark 4,940 miles of property lines. Topographic : mapping of 1,180 sq. miles.
Forest Fire Protection	446	938	: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level.
			: Reduce hazardous fuels on 23,000 acres. Construct 600 miles : of firebreaks.
Insect and Disease Control	168 ^{1/}		: Intensify and accelerate detection, prevention, and control : of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	71	1,536	: Maintain existing structural and communication improvements.
			: Construct 25 housing and related improvements, 84 service : buildings, lookouts, and special structures; improve existing : structures; provide 11 radio installations; replace 14 miles : of telephone line; and construct 5 heliports and helispots.
Forest Roads and Trails	299 ^{2/}	7,427 ^{3/}	: Maintain existing transportation system.
			: Construct 563 miles of multiple-use purpose roads and 20 miles : of trails. Provide supplemental work on roads constructed by : timber purchasers.
TOTAL - VIRGINIA	3,344	31,916	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$4,480.

^{3/} Timber purchasers will construct an estimated 136 miles of the roads shown costing approximately an additional \$247,000.

WASHINGTON

I T E M	Recurrent Work:	Non-Recurrent:	W O R K N E E D E D
	Annual Level 10th Year (\$1,000)	Project Work 10-Year Total (\$1,000)	
Timber Resource Management	3,247	16,328	:Complete and keep current inventories and plans for 553,000 acres. Cut 1.6 billion bd. ft. annually by 1972. :Culturally treat 451,000 acres. Plant 140,000 acres.
Recreation - Public Use	2,633	13,814	:Complete management and development plans. Maintain facilities and provide sanitation. :Construct 950 campgrounds and picnic sites and related facilities. Plan and develop one area of special significance and provide information services at these and other visitor concentrations.
Wildlife Habitat Management	152	1,286	:Administer, supervise, and coordinate wildlife activities and cooperate with States. :Improve and develop small and big game range on 36,000 acres, improve 800 miles of stream, and 10,000 acres of lakes. Develop 40 wildlife watering facilities; 250,000 acres of rodent control.
Range Resource Management	179	1,742	:Manage range resources including maintenance of existing improvements. :Complete analyses and plans on 190 allotments. Revegetate 91,392 acres. Construct 546 miles of fence and 265 water developments.
Soil and Water Management	68	2,463	:Manage and administer soil and water resource. Coordinate with other resources. :Control erosion and stabilize 11,000 acres, 1,000 miles of gullies and roads. Conduct soil surveys on 1.6 million acres. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	234		:Examine mining claims. Administer mineral leases and special uses. Exchange 90,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	5	2,505	:Maintain property line marking. :Survey and mark 8,411 miles of property lines. Topographic mapping of 15,600 sq. miles.
Forest Fire Protection	1,630	5,058	:Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level. :Reduce hazardous fuels on 47,000 acres. Construct 700 miles of firebreaks.
Insect and Disease Control	676 ^{1/}		:Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	464	8,037	:Maintain existing structural and communication improvements. :Construct 222 housing and related improvements, 173 service buildings, lookouts, and special structures; improve existing structures; provide 249 radio installations; replace 434 miles of telephone line; construct and reconstruct 3 landing fields; and construct 187 heliports and helispots.
Forest Roads and Trails	2,090 ^{2/}	125,376 ^{3/}	:Maintain existing transportation system. :Construct 8,489 miles of multiple-use purpose roads and 687 miles of trails. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - WASHINGTON	11,378	176,609	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$721,100.

^{3/} Timber purchasers will construct an estimated 4,842 miles of the roads shown costing approximately an additional \$98,608,000.

WEST VIRGINIA

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	: 660	: :	: Complete and keep current inventories and plans for 68,000 acres. : Cut 86 million bd. ft. annually by 1972.
	: :	: 4,035	: Culturally treat 168,000 acres. Plant 19,000 acres.
Recreation - Public Use	: 566	: :	: Complete management and development plans. Maintain facilities : and provide sanitation.
	: :	: 5,640	: Construct 380 campgrounds and picnic sites and related facili- : ties. Plan and develop 2 areas of special significance and : provide information service at these and other visitor concen- : trations.
Wildlife Habitat Management	: 56	: :	: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
	: :	: 1,374	: Improve and develop small and big game range on 26,000 acres, : improve 180 miles of stream and 100 acres of lakes. Develop : 94 wildlife watering facilities.
Range Resource Management	: 17	: :	: Manage range resources, including maintenance of existing : improvements.
	: :	: 142	: Complete analyses and plans on 30 allotments. Revegetate : 10,752 acres. Construct 35 water developments.
Soil and Water Management	: 14	: :	: Manage and administer soil and water resource. Coordinate : with other resources.
	: :	: 762	: Rehabilitate eroded lands and stabilize gullies, roads and : streams. Construct 35 pollution control and flood prevention : projects. Conduct soil surveys on 310,000 acres. Initiate : water yield inventories.
Land Adjustments, Classifica- tion, and Uses	: 140	: :	: Examine mining claims. Administer mineral leases and special : uses. Exchange 3,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping	: 3	: :	: Maintain property line marking.
	: :	: 872	: Survey and mark 2,570 miles of property lines. Topographic : mapping of 5,650 sq. miles.
Forest Fire Protection	: 168	: :	: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level.
	: :	: 417	: Reduce hazardous fuels on 14,000 acres. Construct 200 miles : of firebreaks.
Insect and Disease Control	: 48 <u>1/</u>	: :	: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	: 49	: :	: Maintain existing structural and communication improvements.
	: :	: 800	: Construct 13 housing and related improvements, 38 service build- : ings, lookouts, and special structures; improve existing structures; : provide 13 radio installations; replace 14 miles of telephone line; : and construct 5 heliports and helispots.
Forest Roads and Trails	: 238 <u>2/</u>	: :	: Maintain existing transportation system.
	: :	: 5,343 <u>3/</u>	: Construct 380 miles of multiple-use purpose roads and 32 miles of : trails. Provide supplemental work on roads constructed by : timber purchasers.
TOTAL - WEST VIRGINIA	: 1,959	: 19,385	:

1/ Includes national forest control only.

2/ Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$2,900.

3/ Timber purchasers will construct an estimated 89 miles of the roads shown costing approximately an additional \$158,000.

WISCONSIN

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level : Project Work :	: 10th Year : 10-Year Total :	
	: (\$1,000) :	: (\$1,000) :	
Timber Resource Management	539		: Complete and keep current inventories and plans for 136,000 acres. Cut 124 million bd. ft. annually by 1972.
		12,981	: Culturally treat 341,000 acres. Plant 147,000 acres.
Recreation - Public Use	311		: Complete management and development plans. Maintain facilities and provide sanitation.
		2,329	: Construct 160 campgrounds and picnic sites and related facilities. Provide information services at these and other visitor concentrations.
Wildlife Habitat Management	53		: Administer, supervise, and coordinate wildlife activities and cooperate with States.
		350	: Improve and develop small and big game range on 24,000 acres, improve 115 miles of stream, and 700 acres of lakes. Develop 20 wildlife watering facilities; 80,000 acres of rodent control.
Soil and Water Management	4		: Manage and administer soil and water resource. Coordinate with other resources.
		137	: Rehabilitate eroded lands and stabilize gullies, roads and streams. Conduct soil surveys on 630,000 acres. Initiate water yield inventories.
Land Adjustments, Classification, and Uses	70		: Examine mining claims. Administer mineral leases and special uses. Exchange 30,000 acres of land. Prepare up-to-date land status records. Conduct land classification work.
Land Surveys and Mapping	8		: Maintain property line marking.
		1,269	: Survey and mark 4,094 miles of property lines. Topographic mapping of 8,000 sq. miles.
Forest Fire Protection	217		: Intensify protection, including increased manpower, equipment, and aerial operations, to approximately twice present level.
		1,159	: Reduce hazardous fuels on 7,000 acres. Construct 300 miles of firebreaks.
Insect and Disease Control	125 ^{1/}		: Intensify and accelerate detection, prevention, and control of forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	80		: Maintain existing structural and communication improvements.
		450	: Construct 11 housing and related improvements, 10 service buildings, lookouts, and special structures; improve existing structures; provide 21 radio installations; replace 35 miles of telephone line; and construct 3 heliports and helispots.
Forest Roads and Trails	336 ^{2/}		: Maintain existing transportation system.
		13,773 ^{3/}	: Construct 845 miles of multiple-use purpose roads. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - WISCONSIN	1,743	32,448	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$5,140.

^{3/} Timber purchasers will construct an estimated 105 miles of the roads shown costing approximately an additional \$380,000.

WYOMING

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total:	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	775		: Complete and keep current inventories and plans for 285,000 acres. : Cut 186 million bd. ft. annually by 1972.
		4,754	: Culturally treat 212,000 acres. Plant 26,000 acres.
Recreation - Public Use	1,819		: Complete management and development plans. Maintain facilities : and provide sanitation.
		9,523	: Construct 650 campgrounds and picnic sites and related facilities. : Plan and develop 2 areas of special significance and : provide information services at these and other visitor concentrations.
Wildlife Habitat Management	159		: Administer, supervise, and coordinate wildlife activities and : cooperate with States.
		741	: Improve and develop small and big game range on 64,000 acres, : improve 360 miles of stream and 1,100 acres of lakes. Develop : 14 wildlife watering facilities; 216,000 acres of rodent control.
Range Resource Management	403		: Manage range resources, including maintenance of existing : improvements.
		3,525	: Complete analyses and plans on 399 allotments. Revegetate : 250,880 acres. Construct 637 miles of fence and 175 water : developments.
Soil and Water Management	189		: Manage and administer soil and water resource. Coordinate with : other resources.
		5,814	: Control erosion and stabilize 69,000 acres and 1,600 miles of : gullies and roads. Construct 50 pollution control and flood : prevention projects. Conduct soil surveys on 1.4 million acres. : Initiate water yield inventories.
Land Adjustments, Classification, and Uses	221		: Examine mining claims. Administer mineral leases and special : uses. Exchange 27,000 acres of land. Prepare up-to-date land : status records. Conduct land classification work.
Land Surveys and Mapping	2		: Maintain property line marking.
		2,884	: Survey and mark 5,000 miles of property lines. Topographic : mapping of 20,800 sq. miles.
Forest Fire Protection	406		: Intensify protection, including increased manpower, equipment, : and aerial operations, to approximately twice present level.
		1,182	: Reduce hazardous fuels on 7,800 acres.
Insect and Disease Control	375 ^{1/}		: Intensify and accelerate detection, prevention, and control of : forest insects and diseases to reduce current timber losses.
Structural Improvements for Fire and General Purpose	274		: Maintain existing structural and communication improvements.
		1,916	: Construct 41 housing and related improvements, 60 service buildings, : lookouts, and special structures; improve existing structures; : provide 55 radio installations; replace 109 miles of telephone : line; and construct 27 heliports and helispots.
Forest Roads and Trails	523 ^{2/}		: Maintain existing transportation system.
		35,744 ^{3/}	: Construct 1,948 miles of multiple-use purpose roads and 549 miles : of trails. Provide supplemental work on roads constructed by : timber purchasers.
TOTAL - WYOMING	5,146	66,083	

^{1/} Includes national forest control only.

^{2/} Timber purchasers will maintain existing purchaser-constructed roads at an estimated additional annual cost of \$60,920.

^{3/} Timber purchasers will construct an estimated 278 miles of the roads shown costing approximately an additional \$2,518,000.

CONNECTICUT, KANSAS, NEW YORK AND PUERTO RICO

I T E M	: Recurrent Work: Non-Recurrent:		W O R K N E E D E D
	: Annual Level	: Project Work	
	: 10th Year	: 10-Year Total	
	: (\$1,000)	: (\$1,000)	
Timber Resource Management	8		: Keep plans current.
		76	: Cultural treatment.
Recreation - Public Use	150		: Complete management and development plans. Maintain facilities and provide sanitation.
		398	: Construct 50 campgrounds and picnic sites and related facilities. Provide information services at these and other visitor concentrations.
Wildlife Habitat Management	14		: Administer, supervise, and coordinate wildlife activities and cooperate with States.
		87	: Improve wildlife habitat, streams and lakes, and develop small wildlife watering facilities.
Range Resource Management	35		: Manage range resources, including maintenance of existing improvements.
		127	: Complete analyses and plans.
Land Surveys and Mapping		192	: Survey and mark 150 miles of property lines. Topographic mapping of 1,500 sq. miles.
Forest Roads and Trails		2,000	: Construct 30 miles of multiple-use purpose roads. Provide supplemental work on roads constructed by timber purchasers.
TOTAL - CONNECTICUT, KANSAS,			
NEW YORK AND PUERTO RICO	207	2,880	

