

**FOREST PLAN**

**APPENDIX L**

**UTILITY RIGHTS-OF-WAY AMENDMENTS**

The Mark Twain National Forest consists of 1,474,207 acres of federal lands located in parts of twenty-nine Missouri counties. The exterior boundary of the Forest includes 3,081,618 acres, so the Mark Twain National Forest occupies 49% of the gross area. The balance of the other acres consists of state, county, other federal, but mostly private ownership. With the National Forest acres fragmented as they are they share common boundary lines with a multitude of other ownerships, mostly individual owners. There is a great variety of activities on these other ownerships; some of which affect National Forest System land. One of the most common situations is public demands for essential utility services such as electric power, telephone service, natural gas, etc. Many times the situational circumstances dictate that a rights-of-way across National Forest System land be granted. There are many miles of utility rights-of-way across the Mark Twain National Forest; some existing for years and even prior to federal ownership.

The Forest Plan provides for such usage directly in the Forest-wide standards and guidelines, Section 2700, page IV-65, and indirectly in other standards and guidelines including the Management Prescription standards and guidelines, pages III-87 through III-234. Occasionally, in providing essential services to the public across National Forest System lands, a project specific amendment to the Forest Plan standards and guidelines is required. This appendix will serve to document those specific situations where a project-specific amendment has been granted.

<u>DISTRICT</u>	<u>PERMITTEE</u>	<b>SPECIAL USE PERMIT AMENDMENT NO.</b>	<u>TYPE OF ROW</u>	<u>LENGTH</u>	<u>WIDTH</u>	<u>DATE</u>
Cassville	KAMO Electric Cooperative	7	Electric	2263	100'	6/18/91



Property line survey costs included corner search, corner monumentation, tie lines, true lines (ownership lines), survey plats and overhead. Maintenance costs of property lines were not included. All section corners were assumed to be monumented (often they are not). Only the minimum number of corners and lines were counted to calculate the typical landline location costs.

Encroachment costs were based on \$3,000 per case, and two cases per mile of true line. Road rights-of-way costs per case were based on a cost of \$7,300 and length of 1/4 mile.

The analysis demonstrates that it is cost effective to acquire nonfederal tracts up to at least 40 acres in size and frequently up to 120 acres in size based on the administrative costs eliminated by the transaction. The number of acres on the Mark Twain National Forest which would be cost effective to acquire is estimated as follows:

Cost Effective Land Opportunity By District

Ava	21,271
Cassville	4,479
Cedar Creek	555
Fredericktown	8,035
Doniphan	4,520
Van Buren	4,069
Winona	3,154
Poplar Bluff	24,087
Rolla	4,719
Houston	5,865
Potosi	15,218
Salem	10,459
Willow Springs	<u>9,602</u>
Total	116,033*

\* These figures do not include acreage currently in the Approved Exchange Program which approximates 10,000 acres.

Cost Effective Land by District and Consolidation Unit

Ava:

Unit 1	7,157
Unit 2	962
Unit 3	12,605
Unit 4	341
Unit 5	200
Total	<u>21,271</u>

Rolla:

Unit 1	3,966
Inside Blueline	60
Inside Blueline	640
Inside Blueline	<u>53</u>
Total	4,719

Cassville:

Unit 1	1,120
Unit 2	1,770
Unit 3	<u>1,589</u>
Total	4,479

Houston:

Unit 1 (2 areas)	2,337
Unit 1	1,370
Unit 2	160
Unit 3	1,379
Inside Blueline	40
Inside Blueline	40
Inside Blueline	200
Inside Blueline	<u>339</u>
Total	5,865

Cedar Creek:

Total	555
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Fredericktown:

Unit 1	164
Unit 2	6,881
Unit 3	<u>990</u>
Total	8,035

Potosi:

Unit 1	14,472
Inside Blueline	<u>746</u>
Total	15,218

Fristoe:

Doniphan	4,520
Van Buren	4,069
Winona	<u>3,154</u>
Total	11,743

Salem:

Unit 1	10,179
Inside Blueline	40
Inside Blueline	<u>240</u>
Total	10,459

Poplar Bluff:

Unit 1	21,184
Inside Blueline	<u>2,903</u>
Total	24,087

Willow Springs:

Unit 1	9,472
Unit 2	<u>130</u>
Total	9,602