Brule River State Forest

2010 Timber Sale Proposals

Tract 01-10 – Pine on the Prairie: 28 acres

Tract 02-10 – Jerseth Creek Pine: 47 acres

Tract 03-10 – Miller Rd. Spruce and Aspen: 56 acres

Tract 04-10 – Highland Hall Pine: 62 acres

Tract 05-10 – Hazel Prairie Hardwoods: 86 acres

Tract 06-10 – Behind the Garage: 31 acres

Tract 07-10 – Midway Pine: 168 acres

Tract 08-10 – Sentry Pine: 20 acres

Tract 09-10 – Radio Tower Tune Up: 35 acres

Tract 10-10 – Gordon Pine: 67 acre

Tract 11-10 – Popple Top: 28 acres

Tract 12-10 – The Other Half: 148 acres

Total Proposals: 12
Total Acres: 776

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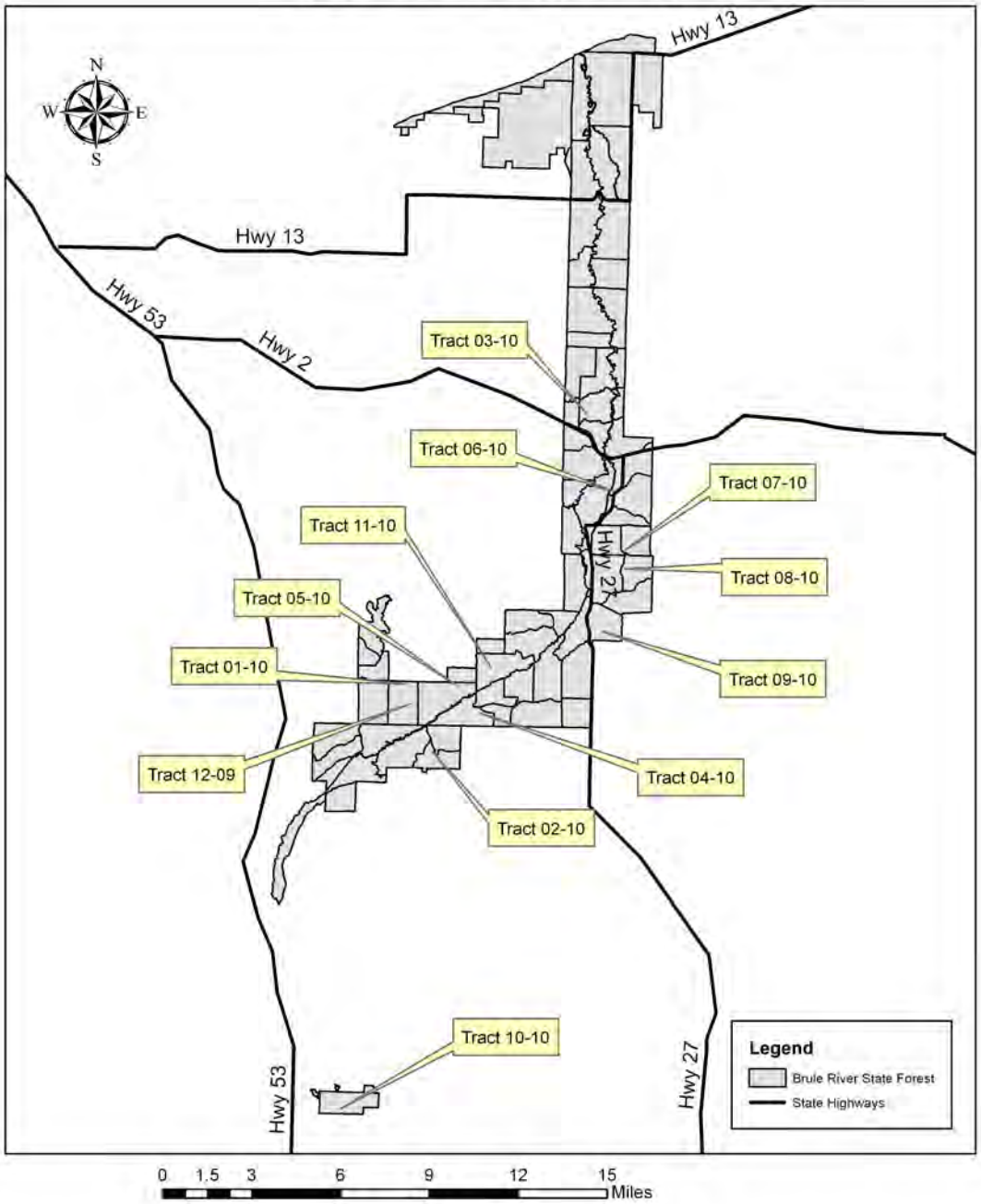
2010 Timber Sale Location Map



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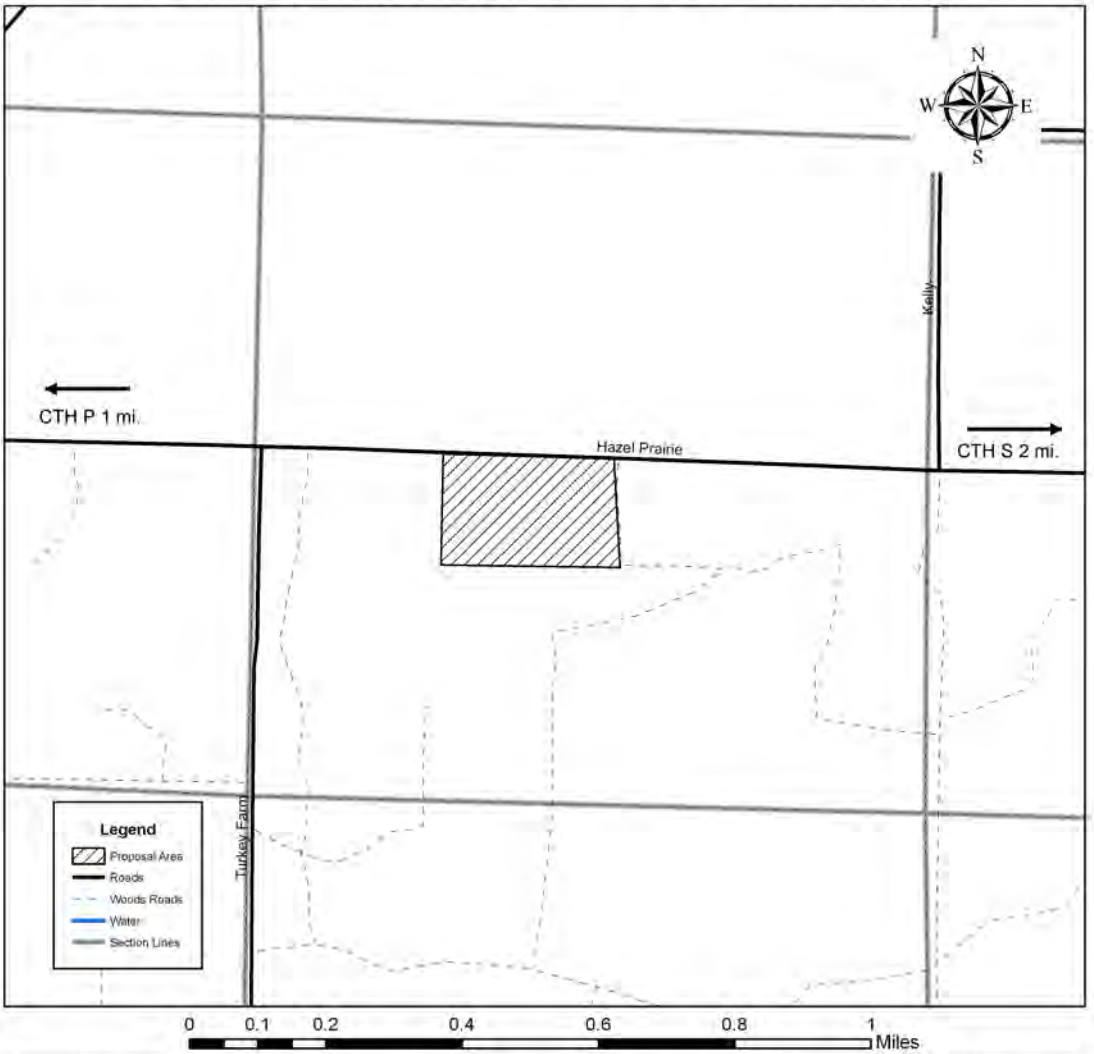
Pine on the Prairie - Tract 01-10 - 28 acres

T46N R11W Sec. 27

BRSF Master Plan: Management Area 9 - Hazel Prairie Pines - Forest Production Area



This stand of pines is located on Hazel Prairie Rd. in the township of Bennett, and falls within Mangement Area 9 - Hazel Prairie Pines of the BRSF Master Plan. The goals for this area include maintaining current levels of red pine, hardwoods, grasslands, and birch, and increaseing jack pine and white pine components. This stand was not part of the scheduled harvest stands but has been given priority due to average basal area measurements of over 200 sq. ft per acre. This stand was last thinned in 1993 where every other row was harvested in most of the stand. Pockets were left unthinned at that time and will need rows as well as individual trees removed. Individual trees will be marked and removed during this thinning. The target basal area for this stand will be between 90 and 110 sq. ft./acre. There are no seasonal harvest restrictions for this sale.

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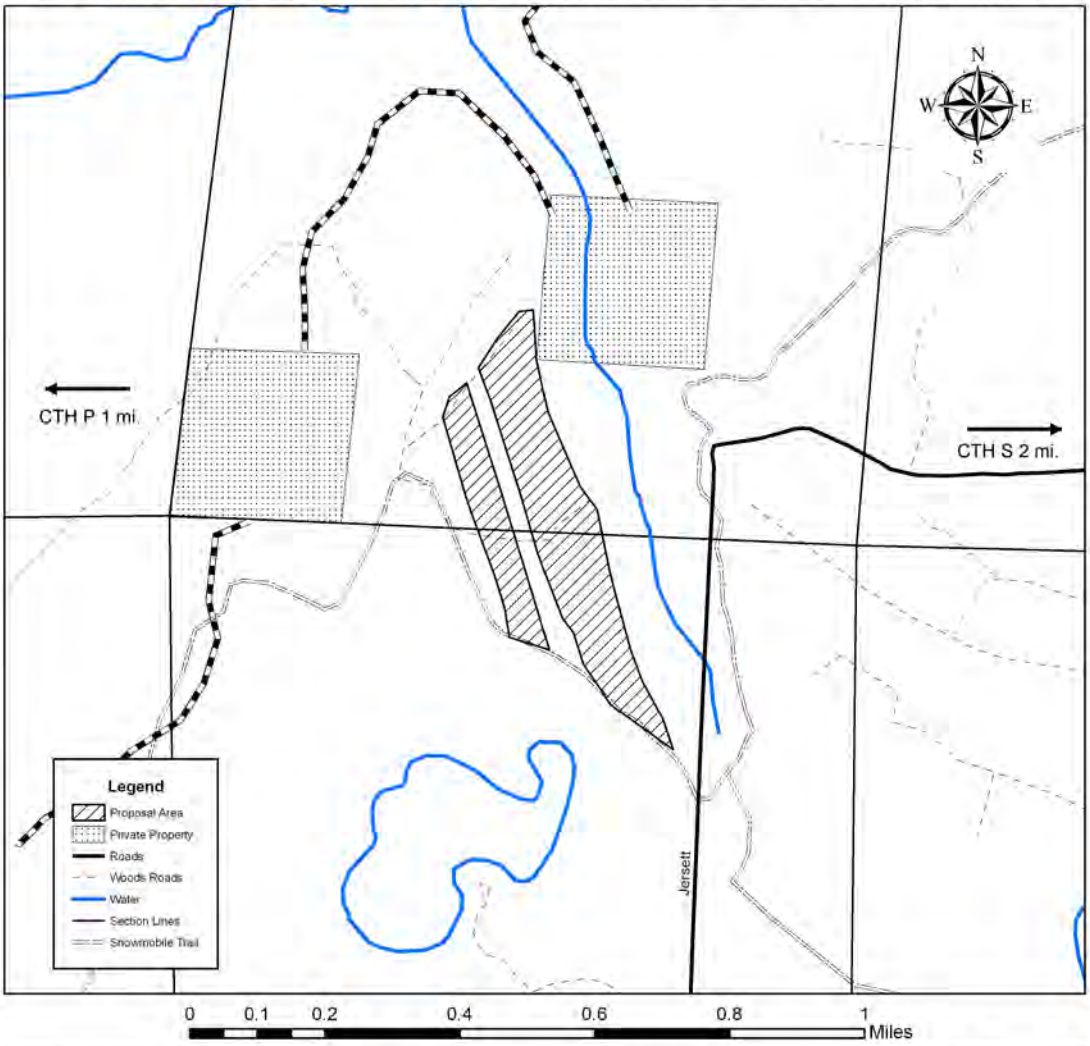
Jerseth Creek Pine - Tract 02-10 - 47 acres

T45N R11W Sec. 2, 11

BRSF Master Plan: Management Area 10 - Pine Forest and Barrens - Native Community Management



This stand is located on Jersett Rd. in the township of Solon Springs and falls within the boundary of Management Area 10 of the BRSF Master Plan which calls for the restoration of native community types. The goal for this stand is to manage it through periodic thinnings until rotation age where it will either be replaced with jack pine or let naturally seed into a red pine stand. This proposal consists of 47 acres of red pine which was planted in 1974 and has not been thinned to date. The average basal area within the stand is 190 sq. ft. with scattered small pocket openings where scrub oak is dominant. The recommended treatment will be to thin the stand to an average basal area of 100-110 sq. ft. as well as remove any mature/overmature scrub oak. Access to the site using the snowmobile trail will be closed while the trail is open to snowmobiles.

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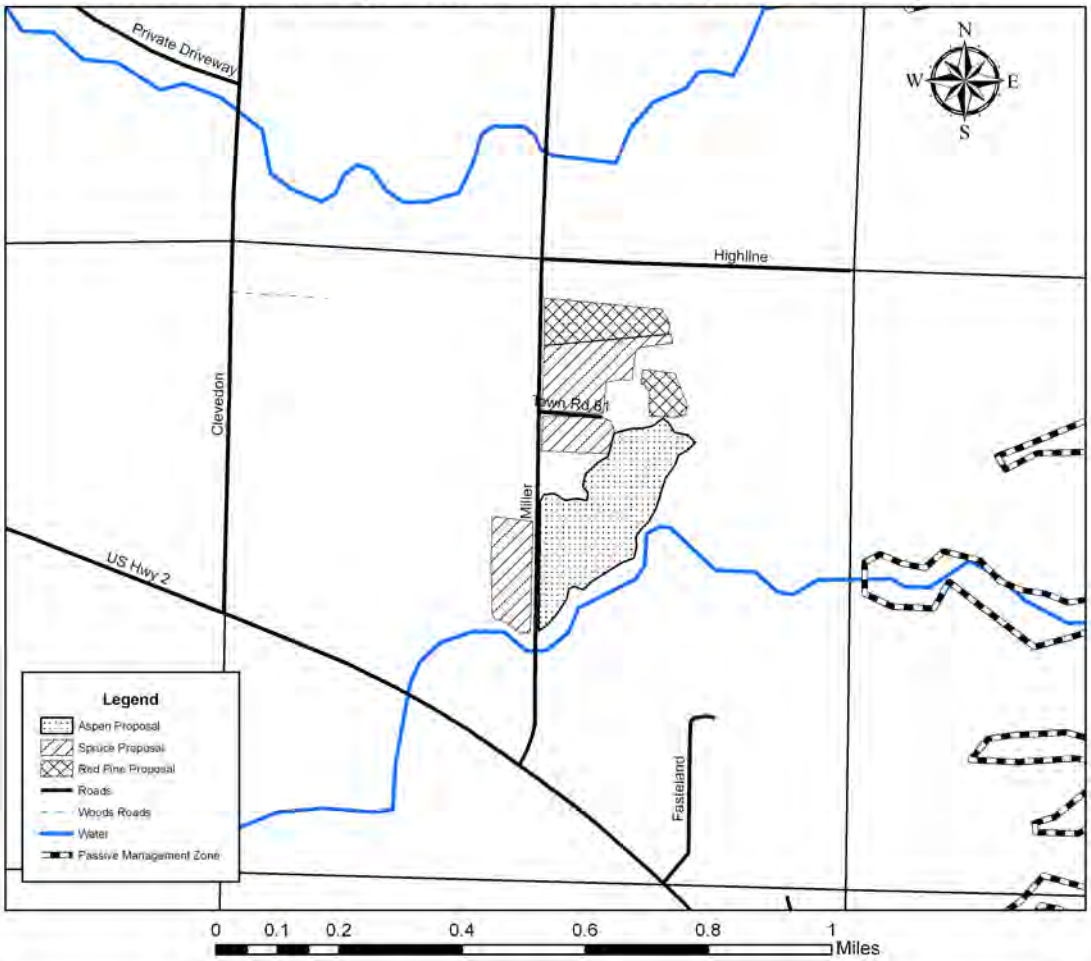
Miller Rd. Spruce and Aspen - Tract 03-10 - 25 acre aspen regeneration, 21 acre spruce thinning, 10 acre red pine thinning

T47N R10W Sec. 10

BRSF Master Plan: Management Area 3 - Miller Rd./CCC Square - Habitat Management



This stand is located on Miller Rd. in the township of Brule and falls within the boundary of Management Area 3 of the BRSF Master Plan which calls for the continued management of high quality habitat for wildlife. The goals for these stands are to manage the spruce and red pine plantations through periodic thinnings and encourage aspen dominance on the sites where aspen is currently the dominant cover type. This proposal consists of a 10 acre red pine thinning, a 21 acre black spruce thinning, and a 25 acre aspen regeneration harvest. The current average basal area in the red pine is 175 sq. ft and the recommendation is to thin this stand to an average basal area of 100 sq. ft. The black spruce is currently averaging a 180 sq.ft. basal area and an average basal area of 90-100 sq. ft. is recommended for maintaining a healthy stand. The aspen harvest area is part of a larger stand which is being cut this winter (2010) and will be clear cut relying on root suckers for regeneration. Dry or frozen ground harvest is necessary for this sale due to heavier soil types which dominate this area. Good access is available to most of the site except the southwest block of spruce where an access road and/or landing will have to be established. Miller Rd. is designated as a snowmobile trail during the winter and signage will be needed along the route.

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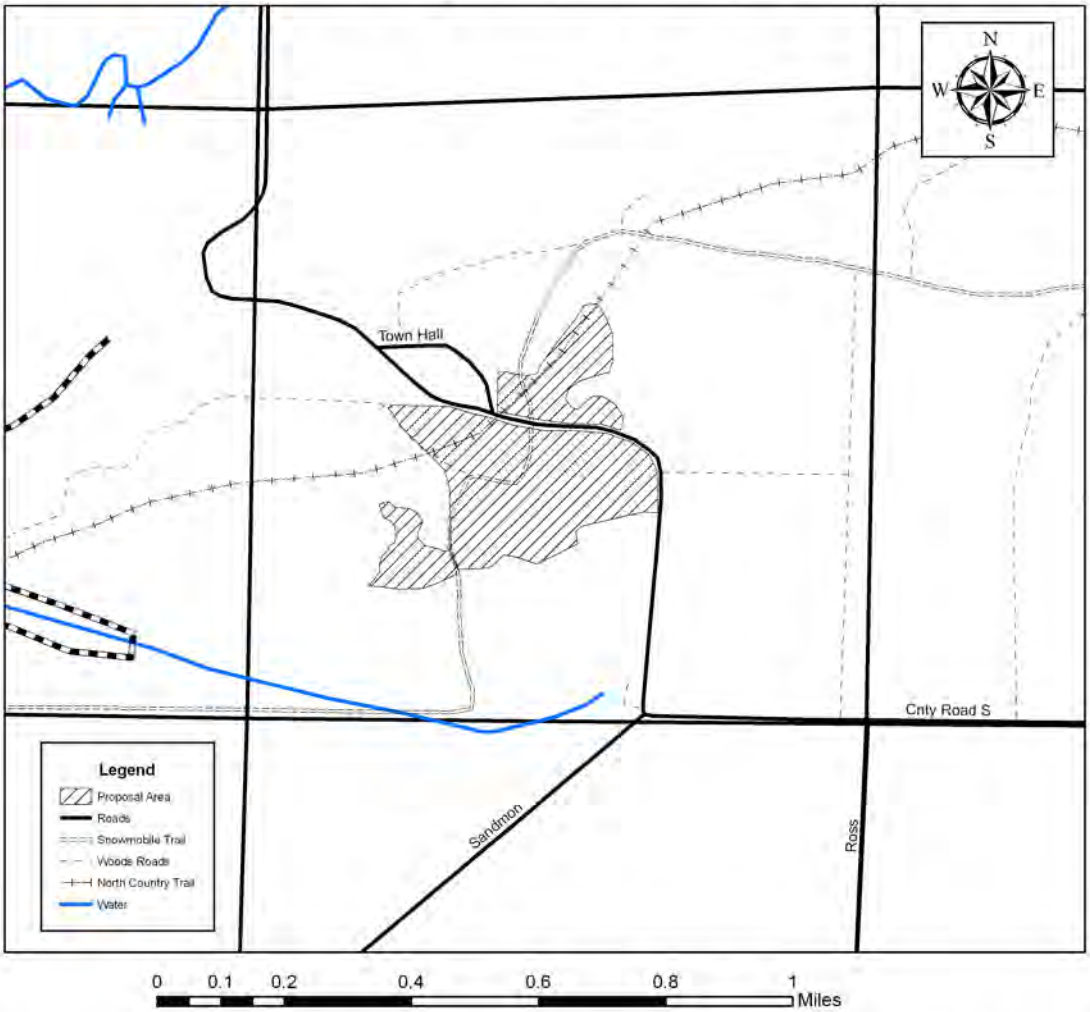
Highland Hall Pine - Tract 04-10 - 62 acres
T46N R10W Sec. 31
BRSF Master Plan: Management Area 10 - Pine Forest and Barrens



These pine stands are located on County Highway S in Highland township five miles south of the village of Lake Nebagamon and lie within Management Area 10 of the BRSF Master Plan Management Area 10 - Pine Forest and Barrens - Native Community Management. The goals for this area are to restore and maintain native natural communities which includes thinning existing red pine plantations and converting some to jack pine at rotation. These stands were previously thinned in 1995 and 1997 in two separate sales. Current average basal area is 170 sq. ft. which will be reduced to between 90 and 110 sq. ft. through an individual marked tree thinning. All jack pine associated with these stands will also be harvested at this time. Access on the snowmobile trail will be limited to when trails are closed to snowmobilers.

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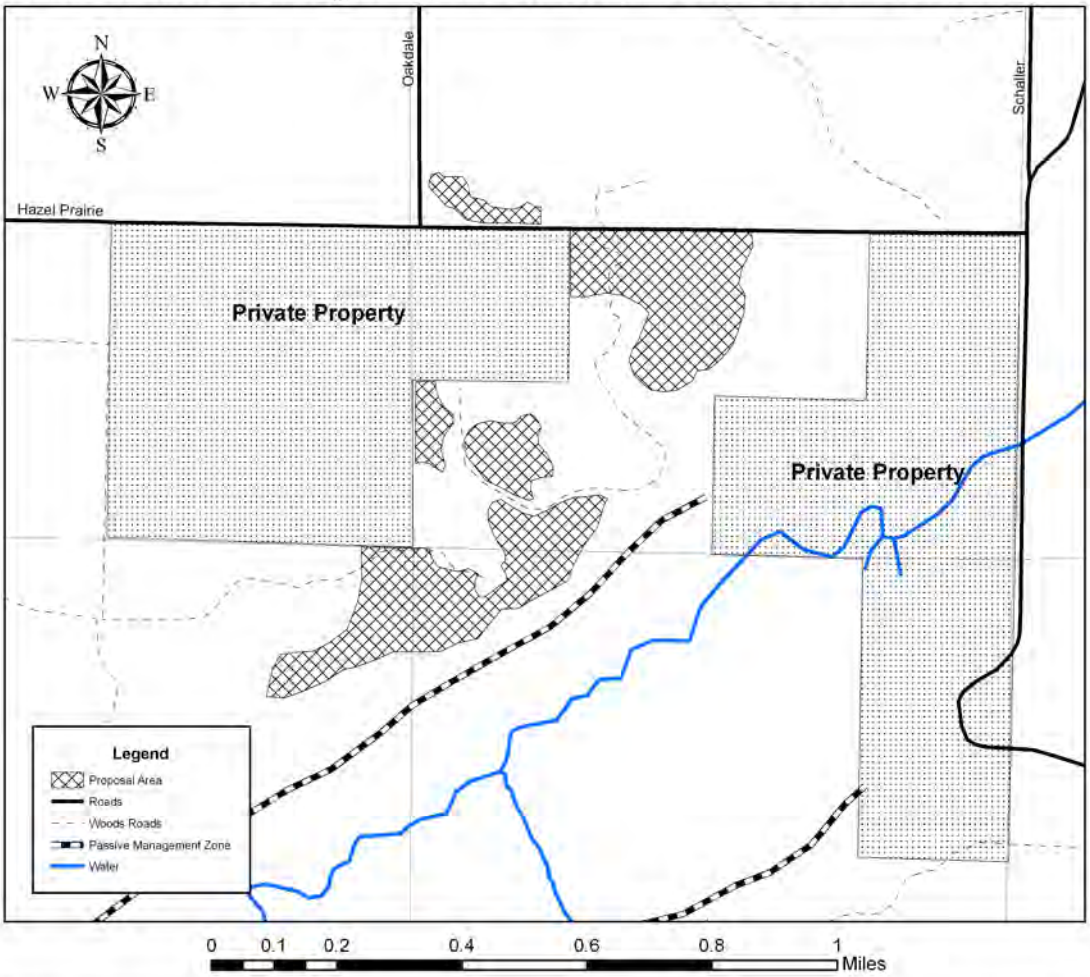
Hazel Prairie Hardwoods - Tract 05-10 - 86 acres
T46N R11W Sec. 25
BRSF Master Plan: Management Area 9 - Hazel Prairie Pines - Forest Production Area



This stand is located 4.5 miles south of the village of Lake Nebagamon on Hazel Prairie Rd. in the township of Highland and lies within BRSF Master Plan Management Area 9 - Hazel Prairie Pines - Forest Production Area. The goals for this area include maintaining a dry pines forest community as well as maintaining the current levels of northern hardwoods and oak. This goal for this proposal is to regenerate oak and northern hardwood types in the harvest area. A seed tree or shelterwood harvest would be recommended for adequate regeneration of desirable cover types. Current average basal area in these stands is 150 sq. ft. and should be reduced to between 60 and 70 sq. ft. Some red pine will be thinned in this harvest but is not expected to make a significant impact on volumes or regeneration. Harvest will be restricted to dry or frozen ground only.

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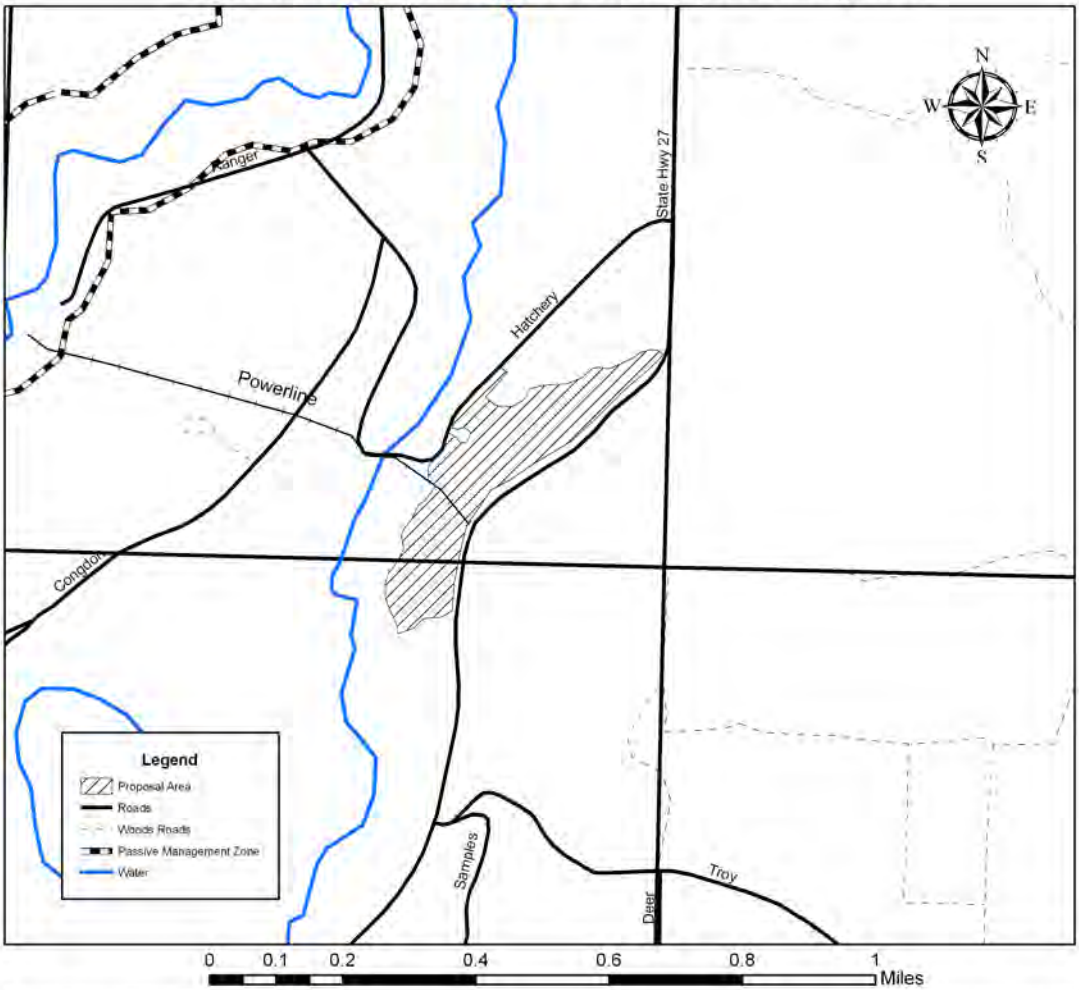
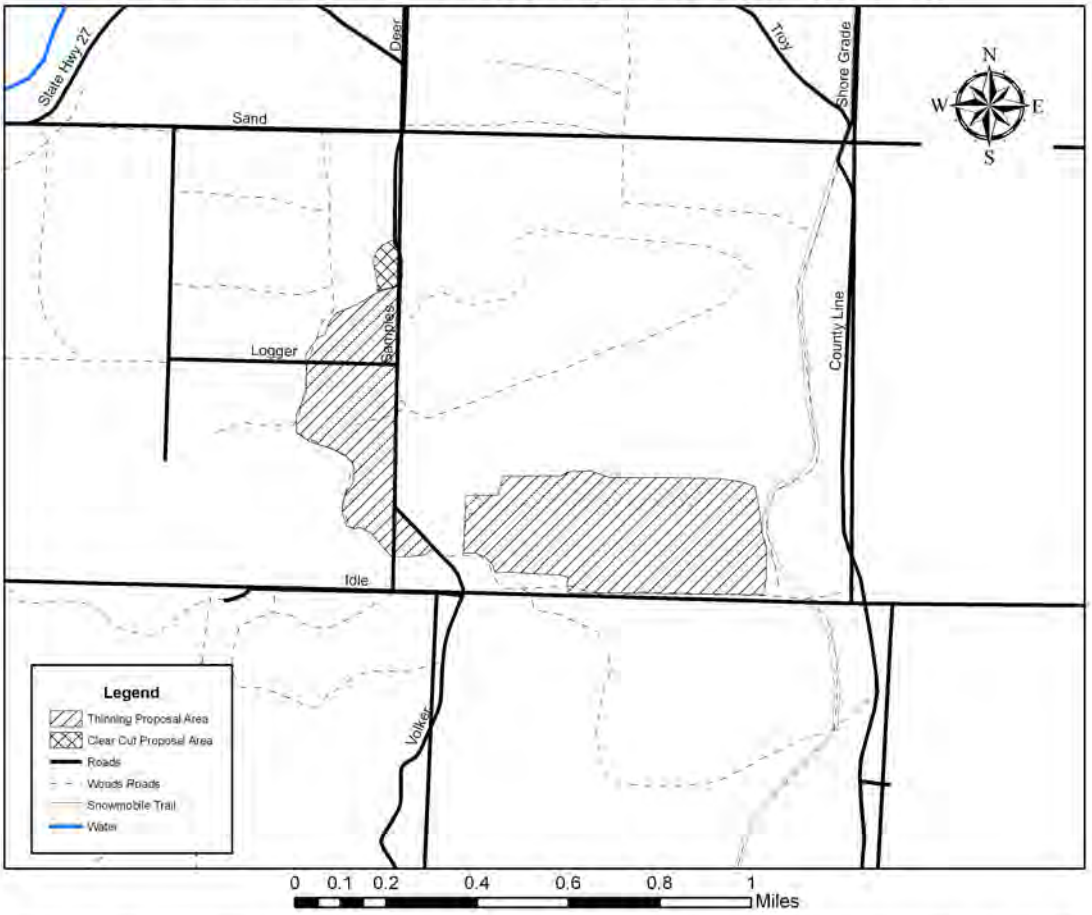
Behind the Garage - Tract 06-10 - 31 acres
T47N R10W Sec. 23, 26
BRSF Master Plan: Management Area 7 - Special Management



This stand is located one mile south of the town of Brule on Fish Hatchery Rd. and falls within Management Area 7: Special Management of the BRSF Master Plan. This area is dominated by large diameter (+20 dbh) red pine with codominant oak and birch and a secondary layer of balsam fir under the canopy. Mature aspen pockets are scattered throughout the stand, and much of the balsam fir contains at least two 100" pulp sticks to a 4" top diameter. In order to maintain this area in a pine forest community it is recommended to remove the balsam and most of the hardwoods from the site. Some pockets of pine and spruce will also be thinned at this time. The remaining trees will be large, dominant red pine, spruce, oak and birch which will act as seed trees. Ground scarification may be necessary post harvest to promote proper seed germination. Harvest is restricted to dry or frozen ground only.

Brule River State Forest

Midway Pines - Tract 07-10 - 165 acre Thinning, 3 acre Clear-cut
T47N R10W Sec. 35, 36
BRSF Master Plan: Management Area 8 - Troy Pit Pines - Forest Production Area.



These stands are located 2.5 miles south of the town of Brule on Samples Rd. and fall within the BRSF Master Plan: Management Area 8 - Troy Pit Pine Forest Production Area. The goals for this area include restoring and maintaining dry pine community types and thinning existing red pine plantations to more natural densities. This proposal is for thinning two stands planted in 1964 which were previously thinned between 1995 and 1997. At that time areas within each stand were isolated and thinned leaving unthinned patches scattered throughout these areas. Current basal areas within the stands average 170 sq. ft. in the thinned areas and well over 200 sq. ft. in the unthinned portions. Recommended treatement for these stands is an intermediate thinning to an average basal area of 100 - 110 sq. ft. The previously unthinned areas will be row thinned, marking each row for harvest. An individually marked tree thinning will be applied to the rest of the stand. Also included in this proposal is a three acre clear cut in which much of the jack pine is showing mortality and non-native scotch pine is seeding in. This site is unsuitable for biomass harvest but harvest can take place at any time of the year.

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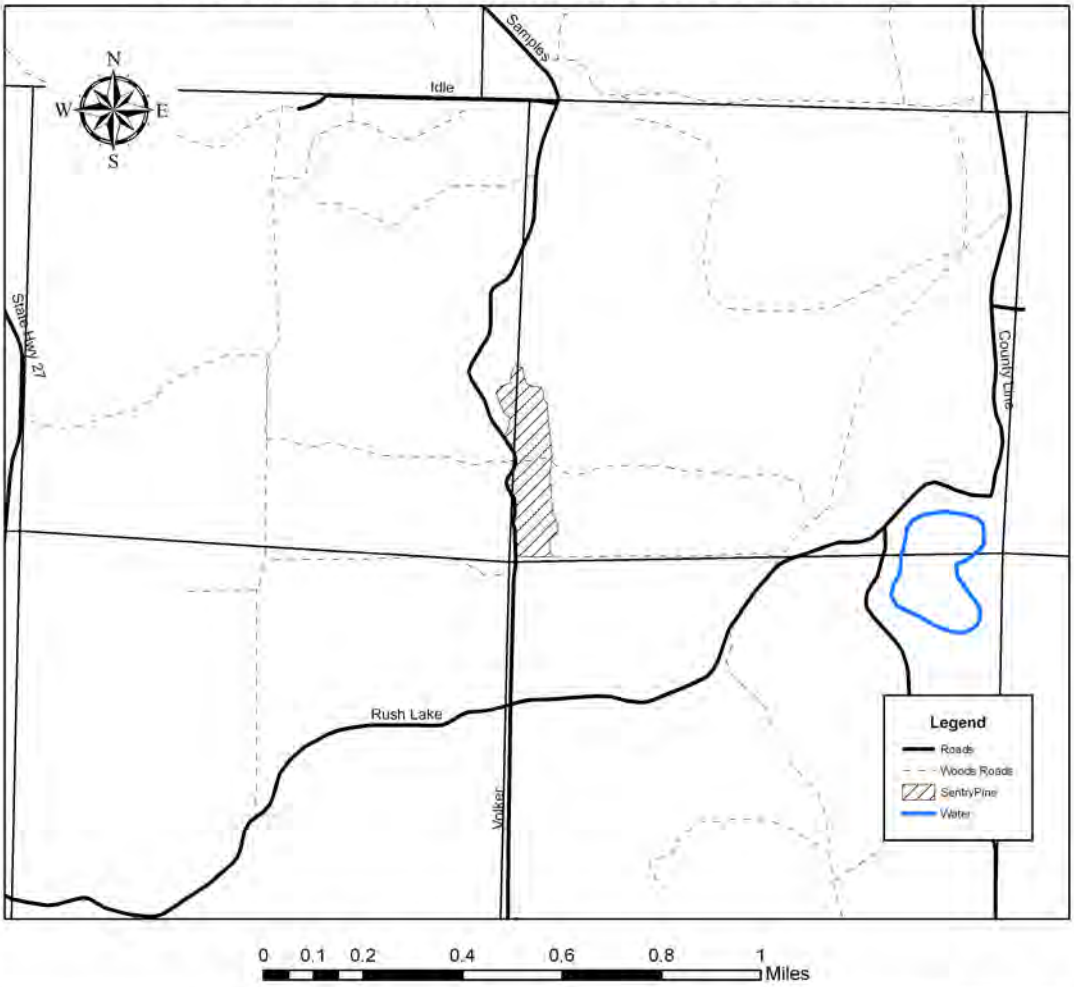
Sentry Pine - Tract 08-10 - 20 acres
T46N R10W Sec. 1, 2
BRSF Master Plan: Management Area 8 - Troy Pit Pines - Forest Production



This stand is located on Volker Rd. 4 miles south of the town of Brule and falls within BRSF Master Plan Management Area 8: Troy Pit Pines - Forest Production Area. This area is managed for the restoration and management of dry pine community types which includes thinning existing red pine plantations to natural levels. This proposal is for the thinning of a stand of red pine which was planted in 1939 and was last thinned in 1989. The average basal area in this stand is 180 sq. ft. with an average tree diameter of 13.53 inches. The recommended treatment for this stand is an individual marked tree thinning reducing the basal area to an average of 100 sq. ft. The terrrain in this area consists of rolling hills with some steeper slopes within the sale. Sandy soils prevent whole tree harvest, but there are no seasonal restrictions for this sale.

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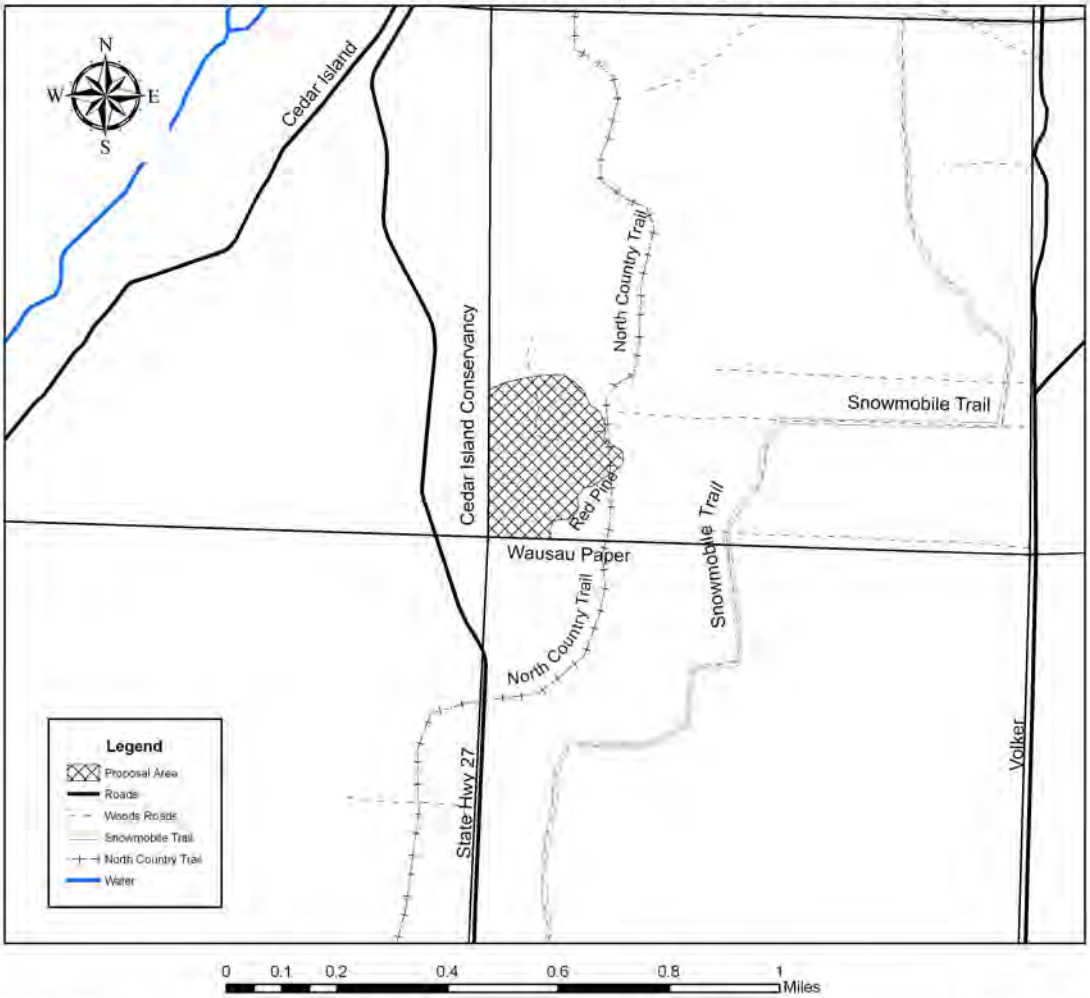
Radio Tower Tune Up - Tract 09-10 - 35 acres
T46N R10W Sec. 14
BRSF Master Plan: Management Area 8 - Troy Pit Pines - Forest Production



This stand is located 6 miles south of the town of Brule near state highway 27 and falls within the BRSF Master Plan Management Area 8 - Troy Pit Pines Forest Production Area. The goals for this area are to restore and maintain dry pine community types as well as increase pine barrens and jack pine cover types. This proposal is for the harvest of scrub oak cover types in order to prepare a seedbed for aerial seeding of jack pine. Red pine in this area will likely be selectively harvested to reduce interference with aerial seeding. Soil types in this area prevent whole tree utilization and scarification will be necessary to expose mineral soil. Motorized mechanical or prescribed fire are recommended methods for site preparation. There are no seasonal harvest limitations for this stand, but the snowmobile trail will be closed for access once open to snowmobiles.

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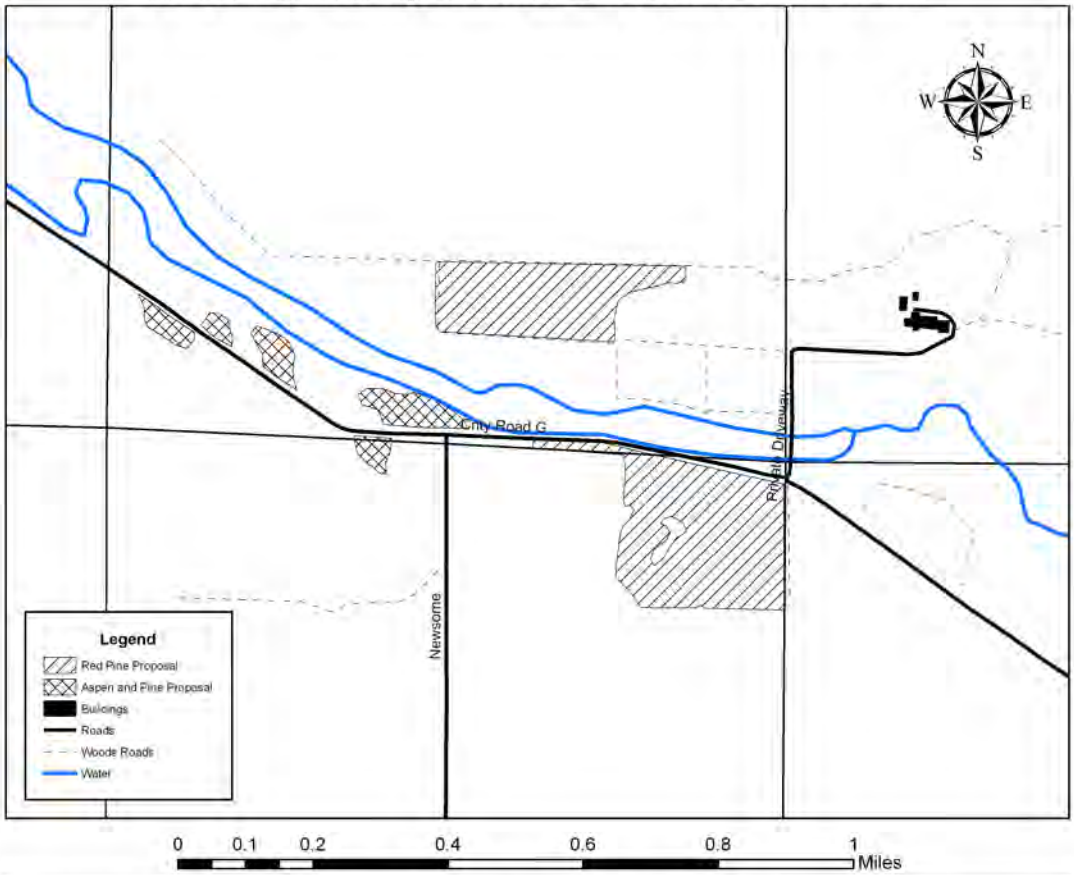
Gordon Pine - Tract 10-10 - 57 acre pine thinning, 10 acre aspen regeneration
T43N R11W Sec. 5, 8
BRSF Master Plan: Management Area 11 - Gordon Annex - Forest Production



This stand is located 2 miles east of the town of Gordon and falls within BRSF Master Plan Management Area 11 - Gordon Annex - Forest Production. The goals for this area are to maintain the existing cover types of red pine, jack pine, and aspen, and producing renewable resources. These stands were planted in 1943 and 1951 and were previously thinned in two separate sales in 1991. Current conditions in the stand are average basal areas of 190 sq. ft. and 180 sq. ft. and average diameters of 11.34 and 10.24. Significant red pine and spruce seedlings and saplings are present in the understory and pockets of stressed, declining, and dead trees pepper the sites. The recommended treatement for this stand is a individual marked tree thinning to a basal area of 100-110 sq. ft. favoring the removal of trees showing signs of stress. Several pockets of aspen and red pine along CTH G were left during a previous harvest in 1989. These pockets consist of over mature aspen and red pine which is in need of thinning. Recommended treatment would be regenerating the aspen through clear-cutting and releasing crop and seed trees in the pine. Within this area is an unimproved boat landing which is used to access the Eau Clair River. Access to this will be improved by removing trees close to the driveway. There are no seasonal harvest restrictions for this area. BMPs will be followed and enforced.

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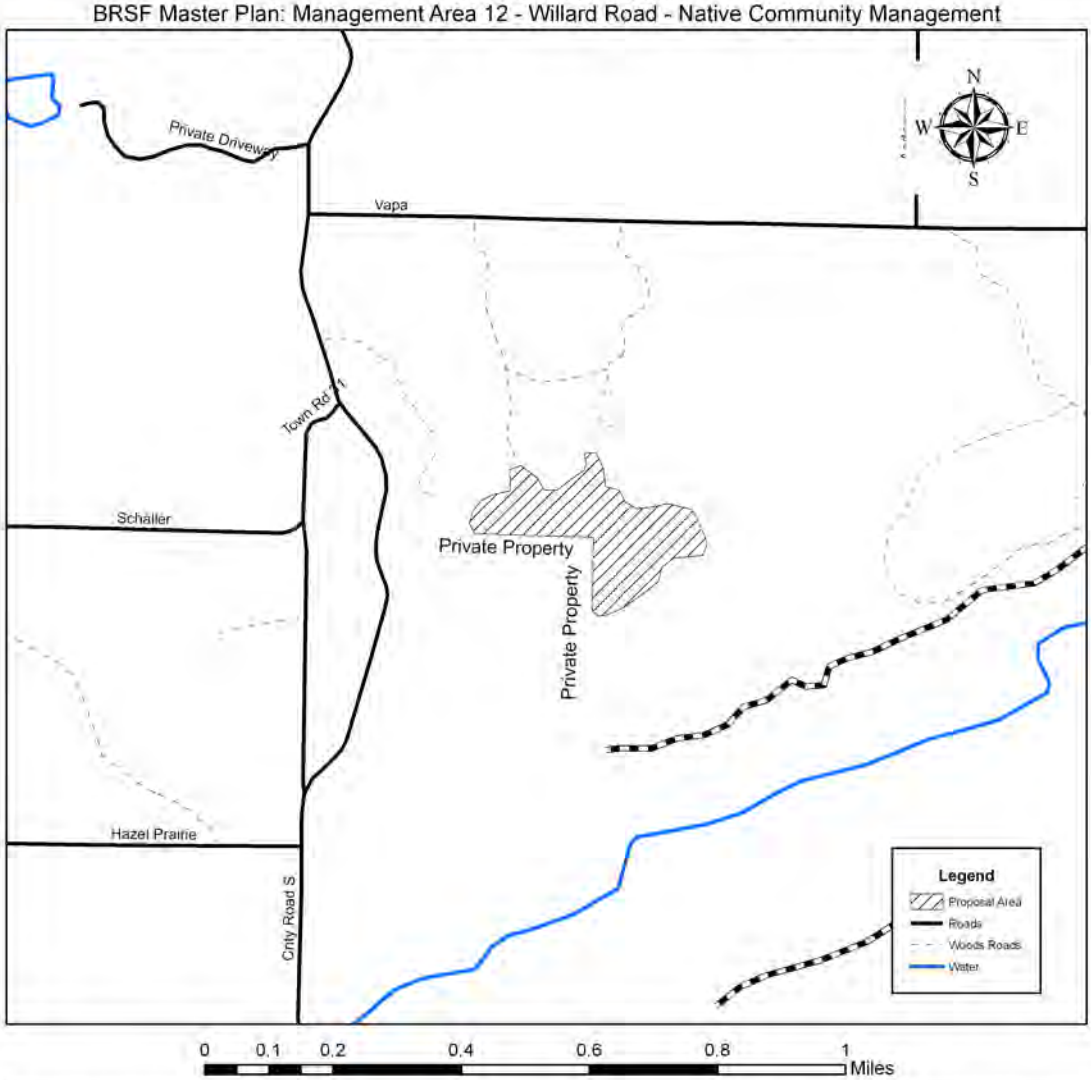
Popple Top - Tract 11-10 - 28 acres
T46N R10W Sec. 19, 30
BRSF Master Plan: Management Area 12 - Willard Road - Native Community Management



This stand is located 5 miles south of the town of Lake Nebagamon on CTH S in the township of Highland and lies within BRSF Master Plan Management Area 12 - Willard Rd. The goals for this area include restoring and maintaining a mixed hardwood and pine forest, increasing northern hardwood acreage and dereasing aspen acreage. This proposal is expected to help meet these goals by creating irregularly shaped openings in the aspen stand focusing on leaving northern hardwood and pine species. The harvest method for this proposal would be selection harvest using canopy gaps and groups. This area has flat to moderate slopes throughout and seasonal harvest restrictions may apply.

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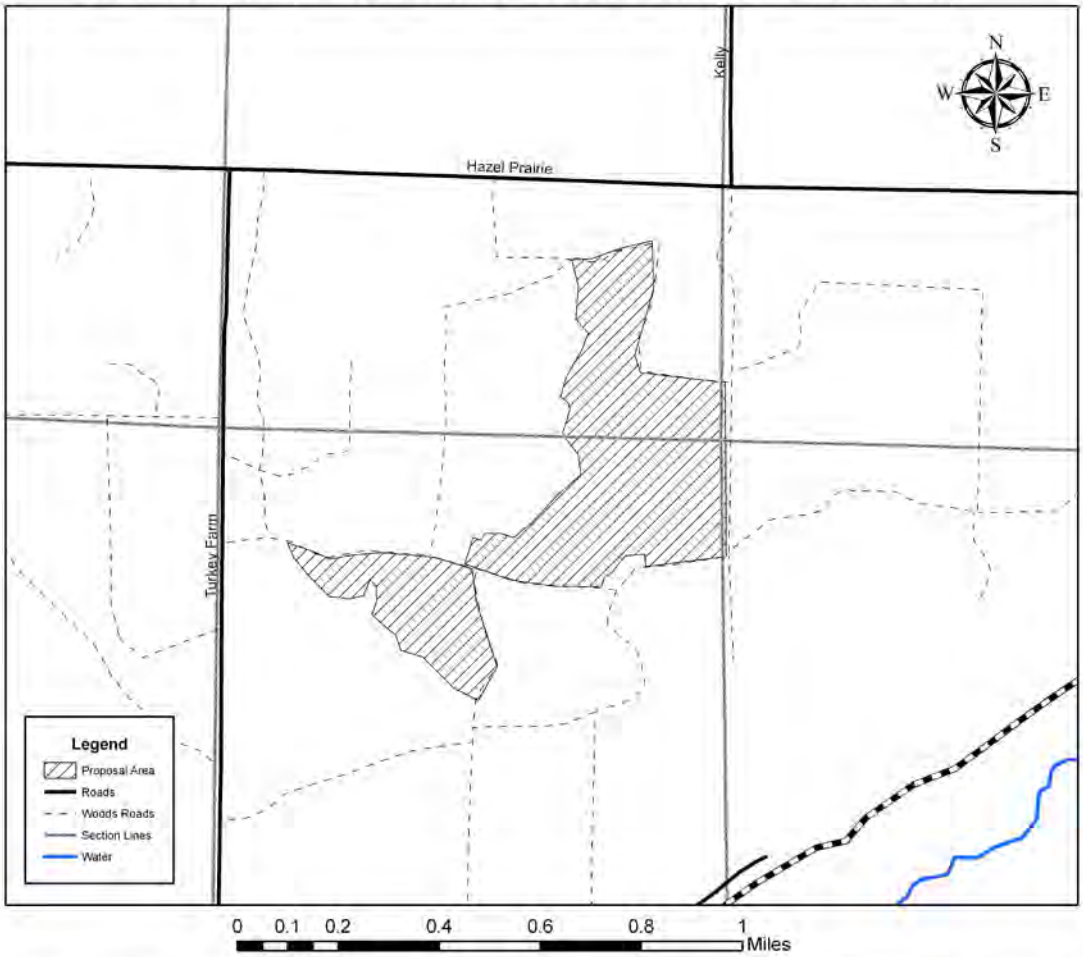
The Other Half - Tract 12-10 - 148 acres
T46N R11W Sec. 27, 34
BRSF Master Plan: Management Area 9 - Hazel Prairie Pines - Forest Production Area



The stand is located on Hazel Prairie Rd. in Bennett township and falls within Management Area 9 - Hazel Prairie Pines of the BRSF Master Plan. The goals for this area include maintaining current levels of red pine, hardwoods, grasslands, and birch, and increasing jack pine and white pine components. This stand of red pine is part of a 500 acre block of red pine established in 1965. Part of that stand was harvested due to hail damage in 2000, and another 200 acres was thinned in the spring of 2009. This proposal is the remaining portion of that stand. Much of the stand will be row thinned, but areas of the stand will need a marked thinning due to lower survival rates and the discontinuity of the stand. The current average basal area is 180 sq. ft., but varies from 60 sq. ft. to 230 sq. ft. across the site. The goal for this stand will be to lower the basal area to an average of 100 sq. ft. There are no seasonal restrictions for this sale.