

TIMBER SALE MAP



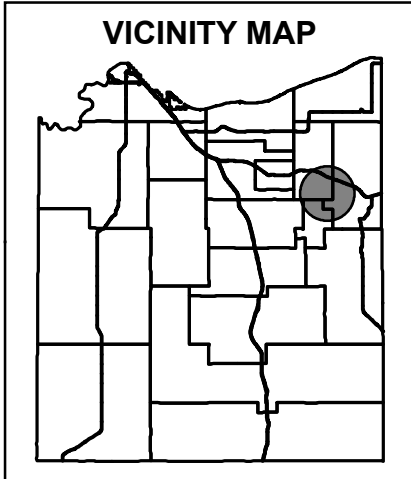
Douglas County Forestry Department
 9182 East Hughes Avenue
 P.O. Box 211
 Solon Springs, WI 54873
 Phone (715) 378-2219, Fax (715) 378-2807

TRACT NUMBER: 45-22

SALE NUMBER:

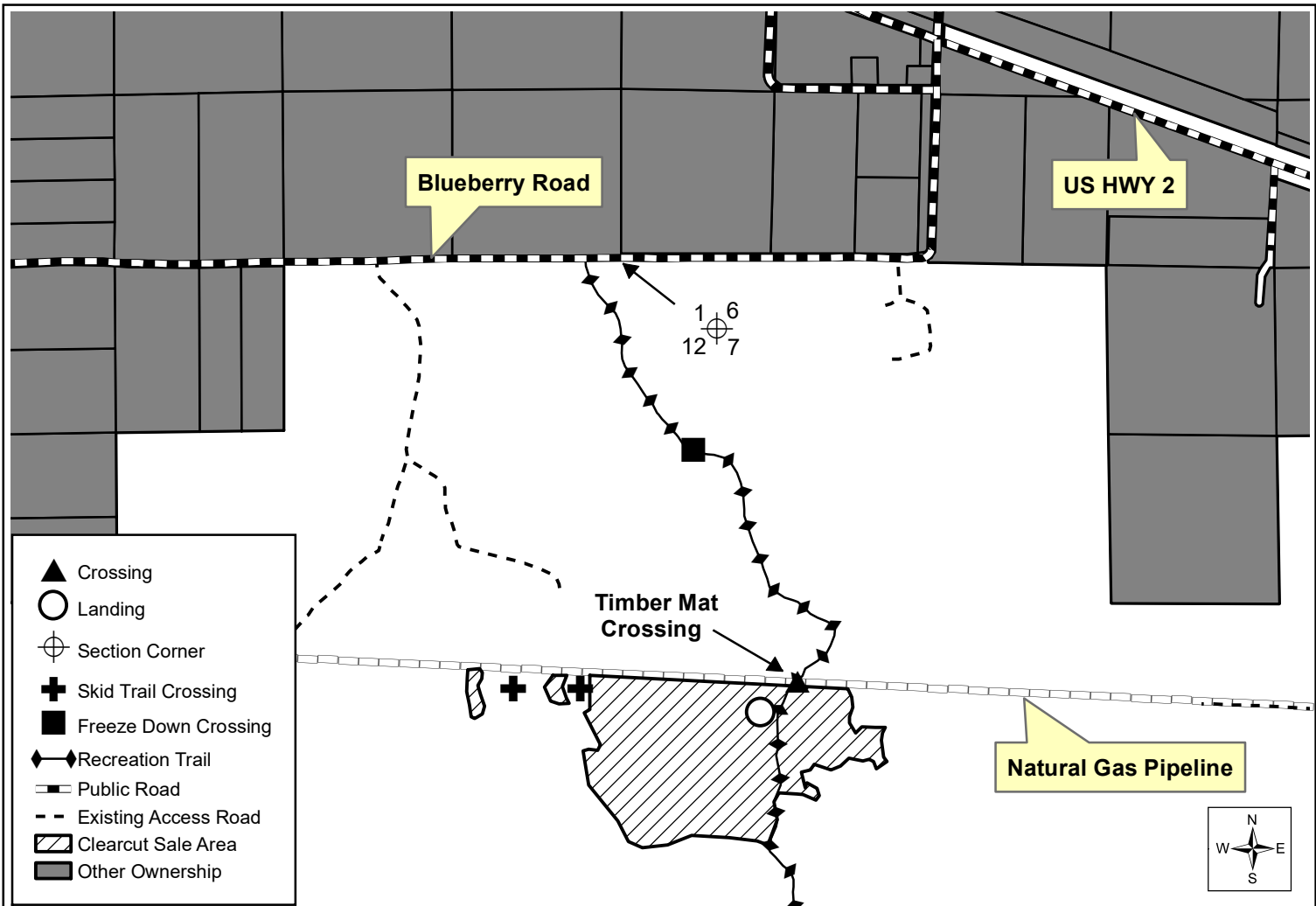
Prepared By: Logan Jones Legal: Section 7, T47N - R10W & Section 12, T47N - R11W
 Sale Name: B17 Town: Maple Topography: Flat
 Scale Method: Ticket Scale Acres: 53 Harvest Units: 1 Soils: Peat/Muck
 Contract Period: 2 Years Map Scale: 4" = 1 mile Season: Frozen Ground

-- See the Douglas County Timber Sale Contract and reverse side for terms and conditions. --



SPECIES, PRICE & ESTIMATED VOLUME INFORMATION				
SPECIES	4" ROUNDWOOD (CORDS)	WHOLE-TREE (CORDS)	SAWLOGS (MBF)	MINIMUM TOTAL SPECIES PRICE
Ash	1,065	1,485	XXX	\$1,039.50
TOTALS	1,065	1,485	XXX	\$1,039.50

The Ash volume contains approximately 82% Black Ash, 11% Aspen, and 7% Red Maple.



TRACT 45-22 (B17) – SUPPLEMENTAL REQUIREMENTS

The following terms and conditions supplement those provided in the Douglas County Timber Sale Contract:

A. PRESCRIPTION -

- Emerald Ash Borer (EAB) pre-salvage harvest.
- Clearcut harvest prescription with an estimated average residual basal area of 15ft².

B. SEASONAL RESTRICTIONS -

- All harvesting operations shall be limited to frozen ground conditions only.

C. TREES DESIGNATED FOR CUTTING -

- Fell, skid, and haul all black ash, red maple, and aspen stems that meet the product and utilization standards as per product bid.

D. TREES DESIGNATED FOR LEAVING -

- Reserve and leave undamaged all yellow birch, balsam fir, spruce, elm, tamarack, cedar, and white birch stems.

E. HARVEST AND OPERATIONAL REQUIREMENTS -

- Two skid trail crossings shall be constructed as designated. All equipment operation and skidding in these portions of the sale area shall be limited to these crossings.
- Minimize machine operations on the root systems of all reserve species, especially cedar.
- One landing location shall be constructed as designated.

F. ACCESS AND ROADS -

- The access road is a winter snowmobile trail.
- The total length of the existing access road system is approximately 4,700 feet.
- The entire 4,700 feet of existing access road will require "Class 3" reconstruction.
- Portions may require freeze down before use.
- One "Freeze Down Crossing" shall be constructed as designated.
- One temporary "Timber Bridge Crossing" shall be constructed. Please see contract attachment.

G. OTHER -

- Internal lowland reserve/exclusion areas containing no merchantable products or cut species are designated as equipment restriction zones and shall be discussed during the pre-operations meeting.
- A large industrial pipeline and associated right-of-way is located adjacent to the harvest area. This right-of-way is designated as an equipment restriction zone, no equipment operation is permitted in this area.

CONTRACT ATTACHMENT “D”

Tract 45-22 Timber Bridge Crossing Construction

The access road into this sale will require the construction of **ONE** temporary timber bridge crossing. If not identified in the field by the word “XING” painted in pink paint at the specific location, the Sale Administrator shall determine and approve exact location prior to any construction activities by the Purchaser.

TIMBER BRIDGE CROSSING - The following specifications apply to timber bridge crossing construction designated under this Contract. The Purchaser is responsible for supplying all required construction materials unless otherwise designated herein. Timber bridge crossing shall be installed by the Purchaser as follows:

- (1) The Purchaser shall contact the Sale Administrator **two (2)** calendar days in advance of crossing installation.
- (2) Purchaser is encouraged to use a backhoe or excavator to install the crossing.
- (3) The bridge shall be constructed of logs, railroad ties, or other similar materials as approved by the Sale Administrator.
- (4) The Purchaser shall not alter or damage the right-of-way during construction activities.
- (5) Foundation footings shall be installed on each side of the right-of-way parallel with the underground pipeline using large sawn timbered wood mats or one piece timbers that are no less than **10-inch** in diameter on the small end (see Figure). Each footing shall be no less than **4 feet** wide and easily removed upon completion.
- (6) A solid stringer structure shall be positioned above the footings spanning the right-of-way from one footing to the other (see Figure). Stringers shall be constructed with large sawn timbered wood mats, one piece timbers/beams (no less than **10-inch** in diameter on the small end), and/or laminated panels. Unstable or unbalanced stringers shall be cabled together or fastened with lumber for structure and stability.
- (7) Upon completion of the harvest, all crossing materials shall be removed in their entirety.

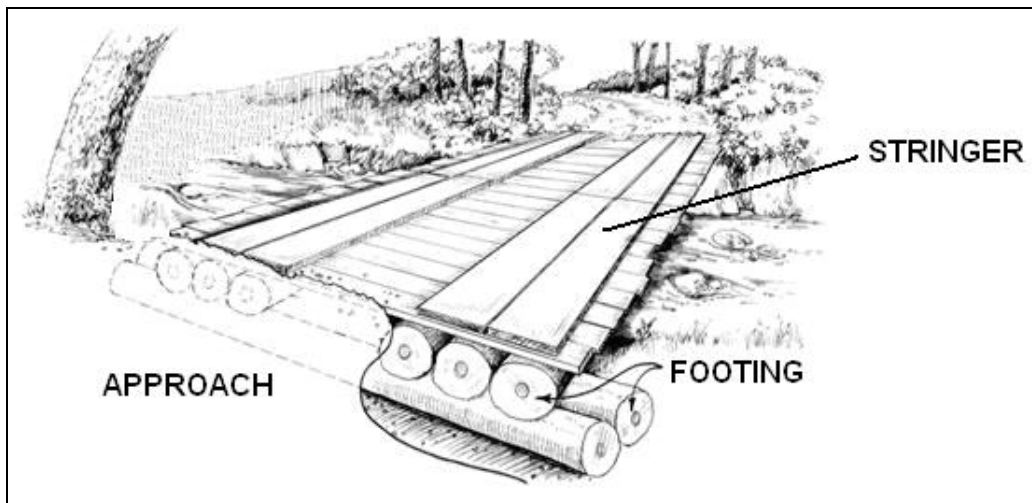


Figure 1: Timber bridge crossing profile