

C. Site preparation:

1. This winter, the trees and shrubs will be removed from the project area (*to be done by Carr's Tree Service*). Where applicable, stumps will be treated with herbicide to prevent resprouting.
2. Next spring, allow the site to green up, followed by an application of Roundup Originalmax® and Garlon 3A® herbicide as per manufacturer's directions. Allow a minimum of 20 days before disturbing the vegetation with other procedures.
3. Burn off the dead vegetation by implementing a controlled burn using appropriate procedures, equipment and permits.
4. Harrow (or lightly disk as needed) the soil to create a viable seedbed.

D. Seed and Seeding:

1. Acceptable seeding dates for native species are in the spring or summer before August 10th or in the fall between September 20th and freeze-up. This project would likely be seeded in early June of 2013.
2. As a means to stabilize the site and facilitate maintenance during the developmental period, the project area will initially be seeded with native grasses only.
3. All grass seed will be sown via broadcasting (a native seed drill may also be used if conditions warrant).
4. A harrowing or raking will follow the seeding in order to incorporate the seed into the soil.
5. Once the grasses have become established, wildflower seed will be interseeded throughout the project area. This will most likely occur during the spring of 2015 immediately following the implementation of a prescribed management burn.
6. All wildflower seed will be sown via broadcasting.
7. The seed mixes shall consist of the following species and amounts:

Grasses

lbs./project area

Mixed height mesic mix:

32% Big bluestem, 28% Little bluestem, 22% Indian grass,
10% Side oats grama, 3% Canada wild rye, 2% Switch grass
by PLS weight. 1% Kalm's brome, 1% June grass,
1% Prairie dropseed by bulk weight 30

Note: A wheat or oat cover crop can be sown along with the native grasses at a rate of approximately 25 lbs. per acre. Wheat/oats is an annual grass species that germinates quickly and will reduce the risk of soil erosion on the site.

Wildflowers

oz./project area

Wild lupine (*Lupinus perennis*)..... 8

Mixed height mesic mix:

16% Black-eyed Susan, 12% Purple prairie clover, 12% Hoary vervain,
7% White prairie clover, 6% Leadplant, 6% Common ox-eye,
5% Tall blazing star, 4% Fragrant giant hyssop, 4% Smooth aster,
4% Stiff goldenrod, 3.5% Golden alexander, 3% Azure aster,
3% Bush clover, 3% Wild bergamot, 2% Upland goldenrod,
2% Blue vervain, 1.5% Mountain mint, 1% Yarrow,
1% Stiff tickseed, 1% Canada tick trefoil, 1% Meadow blazing star,
1% Gray goldenrod, 0.5% Common milkweed,
0.5% Showy goldenrod, all by bulk weight 80

E. Erosion Control:

1. Cover crop will be sown along with the native grasses.
2. Optionally, the project area can be mulched with clean straw at a rate of 1.5 tons per acre.

F. Trees and Shrubs:

Optionally, container grown shrubs can be planted in designated areas of the project. In order to guard against herbivory (deer browsing), it is recommended that (at a minimum) that Plantskydd deer repellent be applied to each tree. Biodegradable weed mats are also recommended to reduce weed competition.

Suitable species will be chosen from the following list:

Shrub Species	Size
Serviceberry (<i>Amelanchier sp.</i>)	2 gal
Gray dogwood (<i>Cornus racemosa</i>)	2 gal
Round-leaved dogwood (<i>Cornus rugosa</i>)	2 gal
Hazelnut (<i>Corylus americana</i>)	2 gal
Elderberry (<i>Sambucus canadensis</i>)	2 gal