

# Allowed Trees for Boulevard Planting



Forestry Department

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Boulevard planting permits  
available by contacting  
Mandan Forestry Department.



# What Constitutes the Boulevard?

The “boulevard” is a set measurement of the city right-of-way from the center line of the street. Different streets in Mandan may have different “right-of-way” measurements. Keep in mind that this right-of-way is measured irrespective of any sidewalk along the street. As a result, the boulevard or right-of-way may extend well beyond the sidewalk toward the house or building. This is especially true if the sidewalk is directly adjacent to the street. Any trees planted within this right-of-way may be eligible for a partial monetary reimbursement from the city of Mandan.

## Maintenance

Mandan municipal code Sec.115-4 -7 states that the property owner is responsible for the trimming of boulevard trees in regard to vehicle and/or pedestrian clearance and sight problems with obstructing trees. Section 115-4-5 gives regulations on trimming trees.

## Participation guidelines

Before boulevard trees can be planted, please contact the City Forestry Dept. to verify that an acceptable tree species is planted with the proper spacing. Once the tree (or trees) has been planted, City staff must inspect the site to assure that the tree(s) have been planted at correct depth/space. Please refer to the diagram in the following page for proper planting instructions. Once the site has past inspection your receipt and permit will be submitted by the Forestry Dept. for reimbursement. The rebate comes in the form of a check from City Hall in downtown Mandan.

## Trees Allowed on Large Boulevards (7.5'+)



### Oak, Bur *Quercus macrocarpa* Zone 3 (65'X60')

Native species, very drought resistant and tolerant to a wide range of soil types, unlike other oak species



### Linden, American *Tilia americana* Zone 3 (60'X40')

Native species with pyramidal growth is the perfect tree for areas where height is needed, but space is limited. Fragrant flowers in the spring

Recommended varieties: American Sentry, Boulevard, Frontyard, Redmond



### Elm *Ulmus* hybrid Zone 3 & 4 (40'+X 35'+)

Dutch Elm Disease (DED) resistant cultivars only. Listed cultivars show resistance to DED. Elm leafminers can be an issue on Accolade and New Horizon

Recommended varieties: Accolade, Cathedral, Discovery, New Horizon, Patriot, Prairie Expedition, Princeton, St. Croix, Triumph, Valley Forge, Vanguard



### Hackberry, Common *Celtis occidentalis* Zone 2 (50'X45')

Native species that tolerates harsh urban conditions. Deep rooted, rough, corky bark considered ornamental interest. Susceptible to nipple gall (aesthetic problem)

Recommended varieties: Delta



### Coffeetree, Kentucky *Gymnocladus dioica* Zone 4 (60'X40')

One of the last trees to leaf out but retains leaves late into fall. Very fragrant flowers. Rugged bark considered ornamental interest. Filters shade.

Recommended varieties: Espresso (seedless), Decaf



### Ginkgo *Ginkgo biloba* Zone 4 (45'X35')

Unique fan-shaped leaves considered ornamental interest. Plant male cultivars only (see recommended). Prefer sheltered locations.

Recommended varieties: Autumn Gold (seedless), Princeton Sentry (seedless)



### Willow, Laurel Leaf *Salix pentandra* Zone 2 (40'X35')

Glossy leaves, Rapid growth. Tends to shed small branches easily in the wind.



### Prairie Dream Paper Birch *Betula papyrifera* Zone 2 (50'X40')

Single stem tree form only Hardy, stress tolerant form of paper birch with beautiful exfoliating snow white bark. Dark green foliage that turns golden-yellow in the fall. Bronze birch borer resistant

## Trees Allowed on Large Boulevards (7.5'+)



Catalpa, Northern *Catalpa speciosa* Zone 4 (50'X30')

Best planted in sheltered areas. Produces clusters of large, trumpet-shaped white flowers followed by bean-like seed pods. Requires cleanup after flower petals and seed pods drop.

## Trees Allowed on Medium Boulevards (5.5-7')



### Alder, Manchurian *Alnus hirsute* Zone 4 (40'X30')

Prefers a moist site; however, Prairie Horizon is the most drought tolerant of Alders. Prairie Horizon is approved for dry, difficult locations. Fruit considered of ornamental interest.

**Recommended varieties:** Prairie Horizon



### Birch, Columnar *Betula platphylla* Zone 3 (35'X 8')

Narrow columnar habit excellent tree for where space is tight. Requires regular watering but is tolerant of heat, drought and alkaline soils.

**Recommended varieties:** Dakota Pinnacle, Parkland Pillar, Royal Frost



### Buckeye, Ohio *Aesculus glabra* Zone 3 (35'X30')

One of the first trees to leaf out in the spring. Creamy, yellow flowers. Drought sensitive. Leaf scorch occurs during hot, dry weather causing leaves to drop early. Be sure to give extra water during these times. Seeds are gold ball size and spring. Excellent red, fall color

**Recommended varieties:** Autumn Splendor, Homestead



### Honeylocust, Thornless *Gleditsia triacanthos var inermis* Zone 3 (45'X35')

Low maintenance tree. Do not fertilize after July as this will cause additional growth that will not harden off before winter temperatures arrive. Filters shade

**Recommended varieties:** Northern Acclaim, Skyline



### Linden *Tilia* species Zone 2-4 (depending upon variety) (30-50'X 30')

Pyramidal growth, perfect for tight areas. Prone to Cottany Maple Scale. Salt and drought sensitive.

Fragrant flowers in the spring followed by yellow fall color.

**Recommended varieties:** Dropmore, Glenleven, Greenspire, Harvest Gold, Norlin, Shamrock



### Oak, Hybrid *Quercus* species Zone 4 (45'X 15-30')

**Recommended varieties:** Crimson Spire– A hybrid of White Oak & English Oak has a columnar (fastigate) growth habit. Regal Prince– A cross between English Oak & Swamp White Oak. Nice fall color.

Prairie Stature– A hybrid of English Oak & White Oak with a pyramidal form.



### Corktree, Amur *Phellodendron amurense* Zone 3 (40'X50')

Unique bark that has a spongy, cork like texture and feel. Can withstand a variety of soil conditions, salts, and air pollutants. Should not be planted under power lines. Plant only male (seedless) varieties.

**Recommended varieties:** His Majesty, Macho, Shademaster, Superfection

## Trees Allowed on Small Boulevards (4'-5.5')



### Amur Maackia *Maackia amurensis* Zone 3 (25'X25')

Tolerant of urban conditions, fixes own nitrogen which allows planting in poor soil conditions. Flowers mid-summer when very little else is blooming



### Crabapple, Flowering *Malus* hybrids Zone 3-4 (depending on species) (20-30'X 15-25')

Very popular, small ornamental tree that produces beautiful spring color with flowers ranging from white to deep pink.

**Recommended varieties:** Spring Snow (fruitless), Marilee, Prairie Rose,



### Lilac, Japanese Tree *Syringa reticulata* Zone 3 (30'X25')

Fragrant, creamy white flowers bloom in June. Leaf loss in early spring, can suffer from frost damage.

**Recommended varieties:** Ivory Pillar, Ivory Silk, Snow Cap, Snowdance (sterile), Summer Flare



### Pear, Flowering *Pyrus ussuriensis* Zone 4 (30'X20')

White flowers bloom in late April. Leaves are semi-glossy. Resistance to fireblight. Chlorosis can be an issue in alkaline soils.

**Recommended varieties:** Autumn Blaze, Mountain Frost, Prairie Gem



### Mountain Ash, Showy *Sorbus decora* Zone 2 (25'X20')

Hardest mountain ash. White flowers in late spring. Large clusters of red fruit in the fall.

Moderate resistance to fireblight. Use fruit eliminator spray for less fruit production.



### Ming Amur Chokecherry *Prunus maackii* 'Ming' Zone 2 (20'X12')

A small/medium tree with white flowers and coppery-orange bark.

Bark curls as it peels providing year-round accent to any landscape.



### Plum, Black *Prunus nigra* Zone 2 (15'X15')

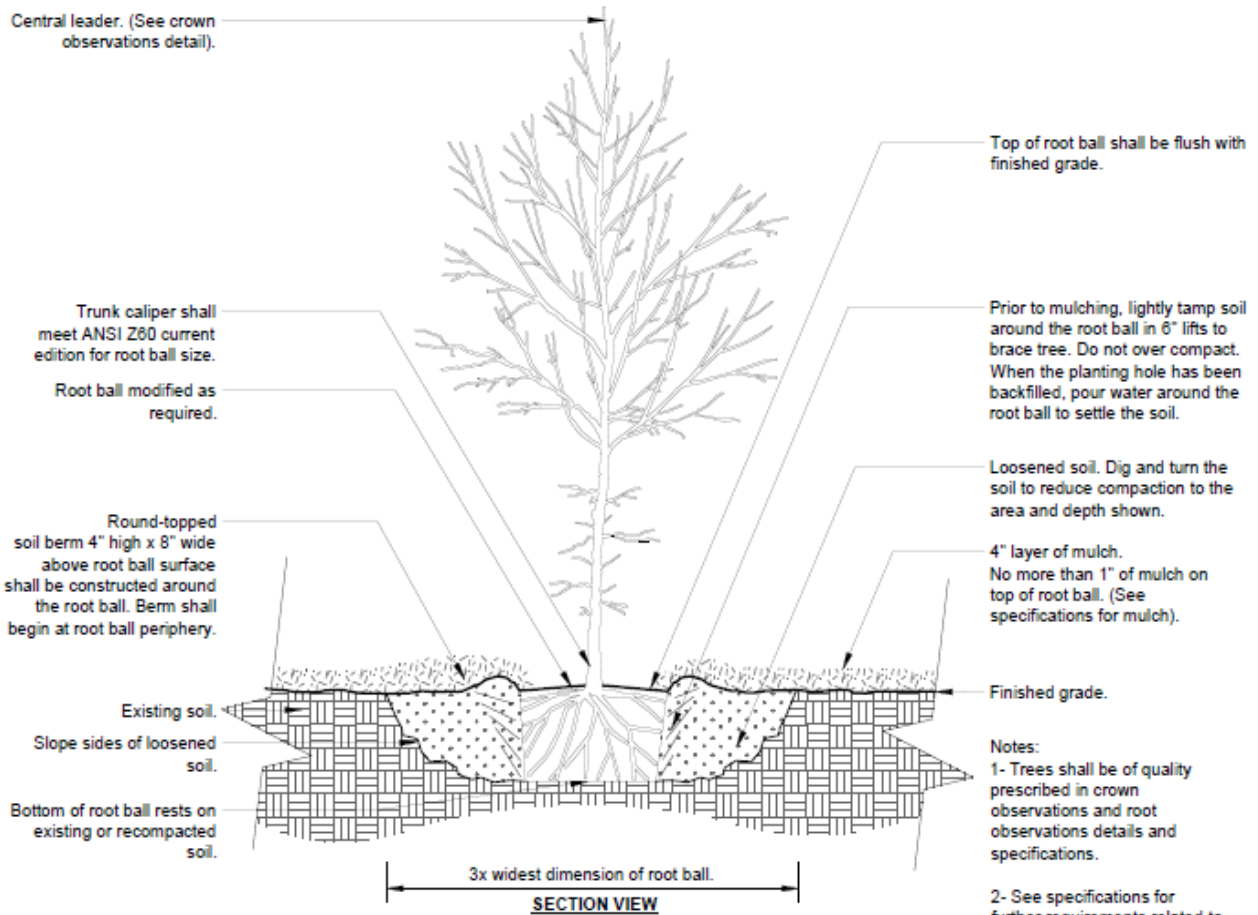
Produces no fruit. Fragrant white flowers late April. Choice tree for under powerlines.

**Recommended Variety:** Princess Kay



### Ironwood *Ostrya virginiana* Zone 3 (35'X25')

Native Species– Understory tree for planting in the shade of mature trees. Retains leaves into the winter. Bark exfoliates in long strips and is considered ornamental interest.



- Notes:
- 1- Trees shall be of quality prescribed in crown observations and root observations details and specifications.
  - 2- See specifications for further requirements related to this detail.

P-X

**TREE w/ BERM (EXISTING SOIL NOT MODIFIED)**

# PARDS Reimbursement Program

A boulevard tree-planting program was initiated in Mandan in the spring of 2004. This program, through the cooperative efforts of homeowners, local businesses, and the Mandan Public Works Department - Forestry Division, encourages Mandan residents or property-owners to plant boulevard trees.

Thank you to those that contributed through the years!

# Thank You



Reimbursements are available to residents/ property owners that wish to plant approved trees on boulevards. Reimbursements to the purchaser will be 100% the price of the tree, up to \$100/tree (\$300/property). Submit a copy of your original sales receipt for the tree purchased along with your planting permit Mandan Forestry Dept. 411 6th Ave. SW Mandan, ND 58554 Additional information can be by visiting [cityofmandan.com/trees](http://cityofmandan.com/trees) or calling 701-667-3240. Funds are available April through October (or until funds are no longer available).