

2019 Proposed Street Tree Additions
Presented at Habitat Stewardship Committee February 2019



Cercis canadensis 'Morton'

Joy's Pride™ Redbud

Zone: 5 | **Height:** 15' | **Spread:** 20'



Shape: Oval to spreading
Foliage: Green, heart-shaped
Fall Color: Yellow
Flower: Bright lavender pink

Bright blooms bring joy to Morton Arboretum visitors, where Joy's Pride™ was discovered and named for the arboretum's founder, Joy Sterling Morton. Proven reliably cold hardy by Chicagoland winters in which temperatures have plunged as low as -34 °F.



Cercis canadensis 'Pink Trim'

Northern Herald® Redbud

Zone: 3b | **Height:** 20' | **Spread:** 20'



Shape: Rounded
Foliage: Dark green, leathery
Fall Color: Yellow
Flower: Bright magenta pink, profuse
Fruit: Sparse

This extremely cold hardy selection discovered in central South Dakota brings bright pink blooms to prairie and mountain landscapes. Introduced by North Dakota State University, its dark green, leathery leaves are heat resistant and wind tolerant.



Sparkling Sprite™ Crabapple

Sparkling Sprite™ Crabapple



Malus 'JFS-KW207'

Zone: 4 | **Height:** 12' | **Spread:** 12'

Shape: Compact, dense, round

Foliage: Bright green

Flower: White opening from pink buds

Fruit: Yellow to golden orange, 1/4"

DISEASE RESISTANCE:

Scab: Excel. **Fireblight:** Excel.

Cedar-Apple Rust: Excel. **Mildew:** Excel.

Pink buds opening to white flowers smother the dense, rounded head of this top-grafted, compact dwarf. Summer foliage is especially clean and bright green. An abundant fruit crop persists well into winter, slowly turning from golden yellow to orange.

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Jade Prince™ Dawn Redwood

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Metasequoia glyptostroboides 'JFS-PN3Legacy'

Zone: 5 | **Height:** 70' | **Spread:** 25'

Shape: Upright, pyramidal

Foliage: Bright green, deciduous needles

Fall Color: Rusty orange

Lush, feathery spring foliage matures to rich, fresh green in summer. Dense, upright branching and a strong central leader contribute to superior form over seedling grown plants and recommend it for urban and landscape use.

Autumn Treasure™ Hophornbeam



Ostrya virginiana 'JFS-KW5'

Zone: 4 | **Height:** 40' | **Spread:** 20'

Shape: Upright pyramidal to oval

Foliage: Dark green

Fall Color: Golden yellow

At last, a hophornbeam suited for city living. Predictably upright narrow form facilitates uniform street tree plantings. Unlike many trees of seedling origin that hold brown leaves throughout the winter, fall leaf drop is clean and complete.



Autumn Treasure™ Hophornbeam



City Slicker® Birch

City Slicker® Birch



Betula nigra 'Whit XXV' PP16573

Zone: 5 | **Height:** 35' | **Spread:** 25'

Shape: Broadly pyramidal

Foliage: Glossy dark green

Fall Color: Yellow

Unusually white bark of this true river birch rivals that of *B. papyrifera* and other white-barked beauties. Glossy dark green foliage shines through the growing season, and then turns golden yellow. From a native stand in Oklahoma, it shows increased tolerance of heat and drought.

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Colonial Spirit® Elm

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Ulmus americana 'JFS-Prince II'

Zone: 4 | **Height:** 65' | **Spread:** 50'

Shape: Vase shaped with arching limbs

Foliage: Dark green

Fall Color: Yellow

DISEASE TOLERANCE: Dutch Elm Disease

Strong branch structure is manageable in both the nursery and the landscape, resulting in a symmetrically vase shaped tree of classic American elm form. This survivor of Dutch Elm Disease has proven tolerant by surviving controlled testing.

First Blush™ Cherry



Prunus 'JFS-KW14'

Zone: 5 | **Height:** 25' | **Spread:** 12'

Shape: Upright narrow oval

Foliage: Dark green

Fall Color: Orange to orange red

Flower: Pink, double, fragrant

Double pink flowers smother the branches of this very narrow, upright cherry in early spring. The breathtaking floral display gives way to dark green, finely textured, disease resistant leaves that turn bright orange to orange red in autumn.



First Blush™ Cherry

Heartland® Catalpa



Catalpa speciosa 'Hiawatha 2'

Zone: 5 | **Height:** 50' | **Spread:** 25'

Shape: Upright narrow oval

Foliage: Dark green, large leaves

Fall Color: Yellow-green

Flower: White, in large clusters

Narrow form, upright growth habit, uniform branching, and darker green foliage recommend this improved selection of our native Northern Catalpa. Easier to grow in the nursery, it is more suitable for most landscape and street uses than seedling-grown trees of the species.



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DR. MERRILL MAGNOLIA - SINGLE STEM
Magnolia x loebneri 'Dr. Merrill'

Growth Facts

Hardiness Zone: 4-9
Spacing: 15-25'
Exposure: Sun/Part Shade
Deer Resistant: Yes
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Mystic Vision™ Buckeye

Mystic Vision™ Buckeye
Aesculus glabra x flava 'Deck Select'



Height & Spread	22' high by 18' spread
Shape	Oval
Flower	Yellow
Fruit	Nut
Zone	4
Foliage	Dark green
Features	- Dense head - Typical yellow Buckeye flower - Should have full sun to excel

'Deck Select' was selected by Michael Yanny from a block of about 300 open pollinated *Aesculus glabra* seedlings at Johnson's Nursery in the early 1990's

Fire King™ Musclemwood

Fire King™ Musclemwood
Carpinus caroliniana 'JN Select A' PPAF



Height & Spread	20' x 20'
Shape	Round head
Zone	TBA
Foliage	Red-orange in fall
Features	- Fast growth rate - Excellent form and branching - Superior hardiness - Beautiful smooth gray bark - Good shade tree - Insect and disease resistant

Carpinus caroliniana 'JN Select A' was selected by Michael Yanny at Johnson's Nursery in about 2003 for its consistent orange-red fall color, fast growth rate, excellent form and branching, and superior hardiness.

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Prairie Torch Hybrid Buckeye



Prairie Torch® Hybrid Buckeye

Aesculus x 'Bergeson' (Family: Sapindaceae)

Description: A very winter-hardy hybrid buckeye selected in northwestern Minnesota. Introduced by North Dakota State University in collaboration with Bergeson Nursery, Fertile, MN. Parentage is unknown. In NDSU trials, it grew faster than most buckeye accessions for the first 10 - 15 years. This cultivar is far superior in quality to most seedlings of Ohio Buckeye - *Aesculus glabra*.

Hardiness: USDA hardiness zone 3-7

Mature Size:

Height: 30'
Spread: 30'

Form (Shape): Dense, globose form. With age it broadens, becoming more mushroom-shaped.

Growth Rate: Moderate

Foliage:

Summer: Emerging light green in spring and turning dark green in summer, typical 7 palmately compound leaflets.

Autumn: Brilliant orange-red fall color.

Texture: Medium-Course in leaf, Course in winter.

Flower: Yellow-green 4-7" long panicles in early to mid May.

Fruit: Spiny golf ball sized capsules. Attracts wildlife, especially squirrels.

Light Preferences: Full sun to part shade.

Soil Preferences: Moist well-drained soils, soil pH adaptable.



Prairie Torch Hybrid Buckeye



Prairie Torch Hybrid Buckeye - summer foliage



Prairie Torch Hybrid Buckeye - fall foliage

Betula nigra 'Dickinson'

Northern Tribute® Birch

Zone: 3 | Height: 35' | Spread: 30'

Shape: Upright oval
Foliage: Lustrous dark green
Fall Color: Yellow

INSECT RESISTANCE:
Bronze birch borer

Superior cold hardiness and adaptability to compacted, dry and varied soils including alkaline. Selected from a large, vigorous seedling found in western North Dakota and introduced by NDSU. Smooth ivory-white bark exfoliates in coppery bronze curls.



True North™ Kentucky coffeetree is notable for its narrow, upright-oval crown and superior branch architecture. It is a seedless, male specimen, so there are no messy seedpods to clean up. Like all Kentucky coffeetrees, True North™ is a tough, adaptable tree that can tolerate heat, drought and a range of soil pHs.

Kentucky coffeetrees lack significant diseases or pests making them an excellent alternative to ash.

- Species: *Gymnocladus dioica* 'UMNSynergy'
- Introduction: 2015
- Height: 50-70 feet
- Spread: 25-35 feet
- Zones: 4-9

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Malus 'Adams'



Common Name: flowering crabapple
Type: Tree
Family: Rosaceae
Zone: 4 to 8
Height: 15.00 to 20.00 feet
Spread: 15.00 to 20.00 feet
Bloom Time: April
Bloom Description: Pink
Sun: Full sun
Water: Medium
Maintenance: Low
Suggested Use: Flowering Tree
Flower: Showy
Leaf: Good Fall
Attracts: Birds, Butterflies
Fruit: Showy, Edible
Other: Winter Interest
Tolerate: Air Pollution

Malus 'JFS KW139MX' P.A.F.

Ruby Dayze™ Crabapple

Zone: 4 Height: 22' Spread: 16'



Shape: Upright, tightly oval
Foliage: Purple red,
becoming bronze
Fall Color: Orange-red
Flower: Bright magenta-pink
Fruit: Deep red, 1/4"

This tree scores on all fronts, featuring the most scab resistant foliage among red-leaved crabs that we have yet seen. Growers will love its more upright, tightly oval shape, as will those who maintain landscapes and streetscapes. Beautiful bright magenta-pink flowers are abundant in spring. Deep red fall fruits are tiny and persistent.

Disease Resistance:

Scab: Excel. Fireblight: Excel.
Cedar-Apple Rust: Excel. Mildew: Excel.



Part of the Dayze™ family of trees