



**I R O N H O R S E**

## **Street Tree Plan**

**IronHorse Development LLC**

*March 2011*

# Introduction

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The IronHorse street tree plan is intended to help create a sense of place and connection within the development. The concept of the street tree plan is to use street trees to help identify different areas, routes, or districts of IronHorse. When a specific area or route is planted with a selected group of trees, both in designated and random patterns, those areas and travel routes begin to take on their own character and identity, which is important in helping define IronHorse as a place of diversity, connection, and individuality. A successful street tree planting-plan will enhance the overall streetscape, the pedestrian experience, wildlife habitat, air quality, and long-term real estate values.

There are seven different districts within IronHorse identified to have their own selection of street trees. These districts are comprised of areas that are topographically unique, characterized by a predominating land use pattern such as residential dwellings or commercial uses, or have substantial existing tree cover.

*Streets within each district have also been designated to have a designed street tree pattern or a non-designed street tree pattern. A designed street tree pattern requires that specific trees be planted in specific locations, which will help create a desired pattern for a particular street (or class of street). A non-designed street tree pattern requires that specific trees be planted on streets in their respective districts, but in no particular order or pattern of selection (other than the required average spacing between trees). These streets will each take on their own identity because of the tree-planting pattern, yet they will function in concert to create a distinctive district. These patterns (both designed and non-designed) are necessary to define different districts, enhance street hierarchy, and connect important elements within IronHorse.*

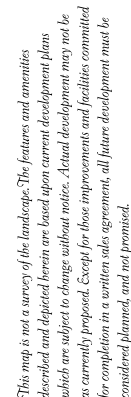
Specific varieties of street trees have been selected for each district, for specific travel routes and classes of streets. The same type of tree may occur in more than one district, such as maple, but by designating a specific variety of maple or ash or linden for a district, each district will maintain subtle differences, such as leaf patterns and fall color variations. The IronHorse street tree plan has been carefully developed to help promote the development's vision of a healthy, connected and environmentally sensitive community. It is imperative that as street trees are replaced due to natural mortality or artificial damage they are replaced with trees specified under the plan. A successful implementation

of the street tree plan will truly be appreciated and rewarded in decades to come.

Note: the maps included in these guidelines are representational only.

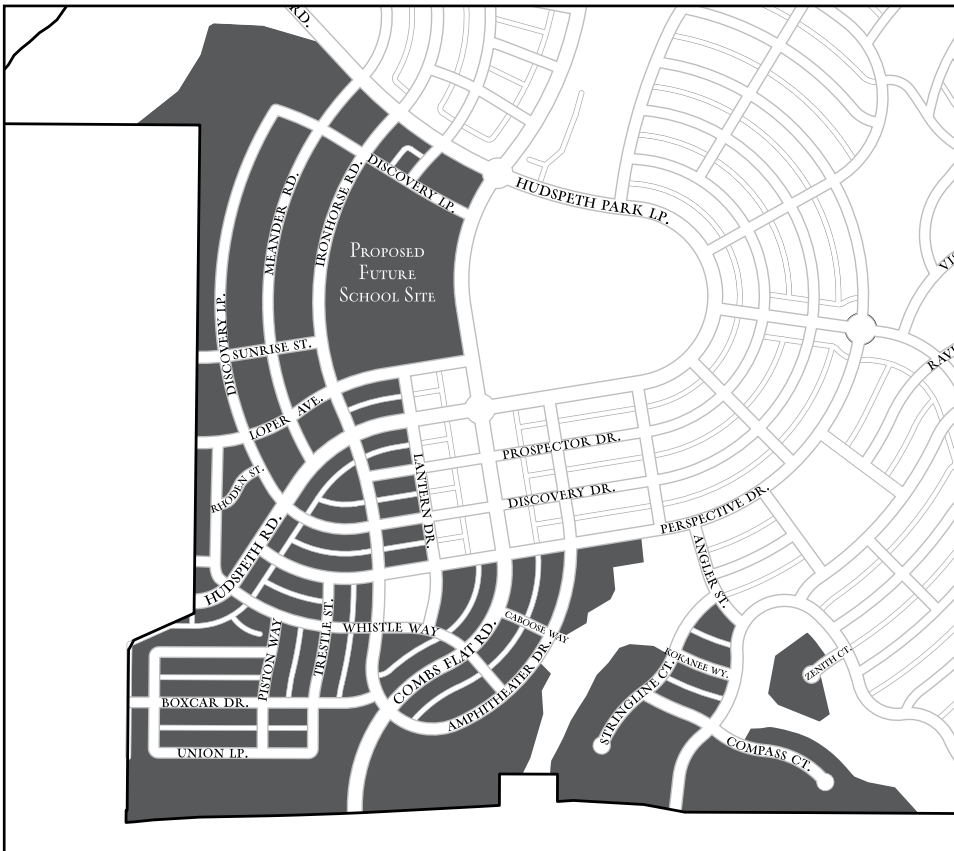


## Street Tree Districts



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## District A Street Tree Plan (non-designed)



### Notes:

1. 30' spacing on-average.
2. If lot has two street frontages, select same species for one frontage.
3. Two" diameter (caliper) minimum planting size (as measured at chest height).
4. Street tree maintenance and replacement shall be in accordance with City of Prineville ordinance and rules.
5. Refer to typical planting techniques for installation and replacement.

### 'Red Sunset' Maple

(Acer rubrum 'Franksred')

**Color:** Fall foliage, no flower  
**Form:** Rounded canopy  
**Texture:** Filtered, Medium Leaf or Full, yet open structure.  
**Size:** 30-60 feet  
**Dominant Fall Color:** Red, Orange



### Summit Ash

(Fraxinus pennsylvanica 'Summit')

**Color:** Fall foliage, no flower  
**Form:** Columnar canopy  
**Texture:** Filtered, Medium Leaf or Full, yet open structure.  
**Size:** 30-60 feet  
**Dominant Fall Color:** Yellow  
**Alternate:** Patmore Ash



### Spring Snow Crabapple

(Malus 'Spring Snow Crabapple')

**Color:** Flower and fall foliage color  
**Form:** Dense oval canopy  
**Texture:** Deep green leaves  
**Size:** 20-25 feet  
**Dominant Fall Color:** Yellow



### 'Autumn Blaze' Maple

(Acer Freemanii)

**Color:** Fall foliage, no flower  
**Form:** Rounded canopy  
**Texture:** Filtered, Medium Leaf or Full, yet open structure.  
**Size:** 30-60 feet  
**Dominant Fall Color:** Red



### 'October Glory' Maple

(Acer rubrum 'October Glory')

**Color:** Fall foliage, no flower  
**Form:** Columnar canopy  
**Texture:** Filtered, Medium Leaf or Full, yet open structure.  
**Size:** 30-60 feet  
**Dominant Fall Color:** Red, Purple





## District B Street Tree Plan (non-designed)

### Kanzan Cherry (*Prunus serrulata* 'Kwanzan')



**Color:** No flower or fall foliage color  
**Form:** Full arching canopy  
**Texture:** Filtered, Medium Leaf or Full yet open structure.  
**Size:** 30-60 feet  
**Dominant Fall Color:** None

### 'Autumn Blaze' Maple (*Acer Freemanii*)

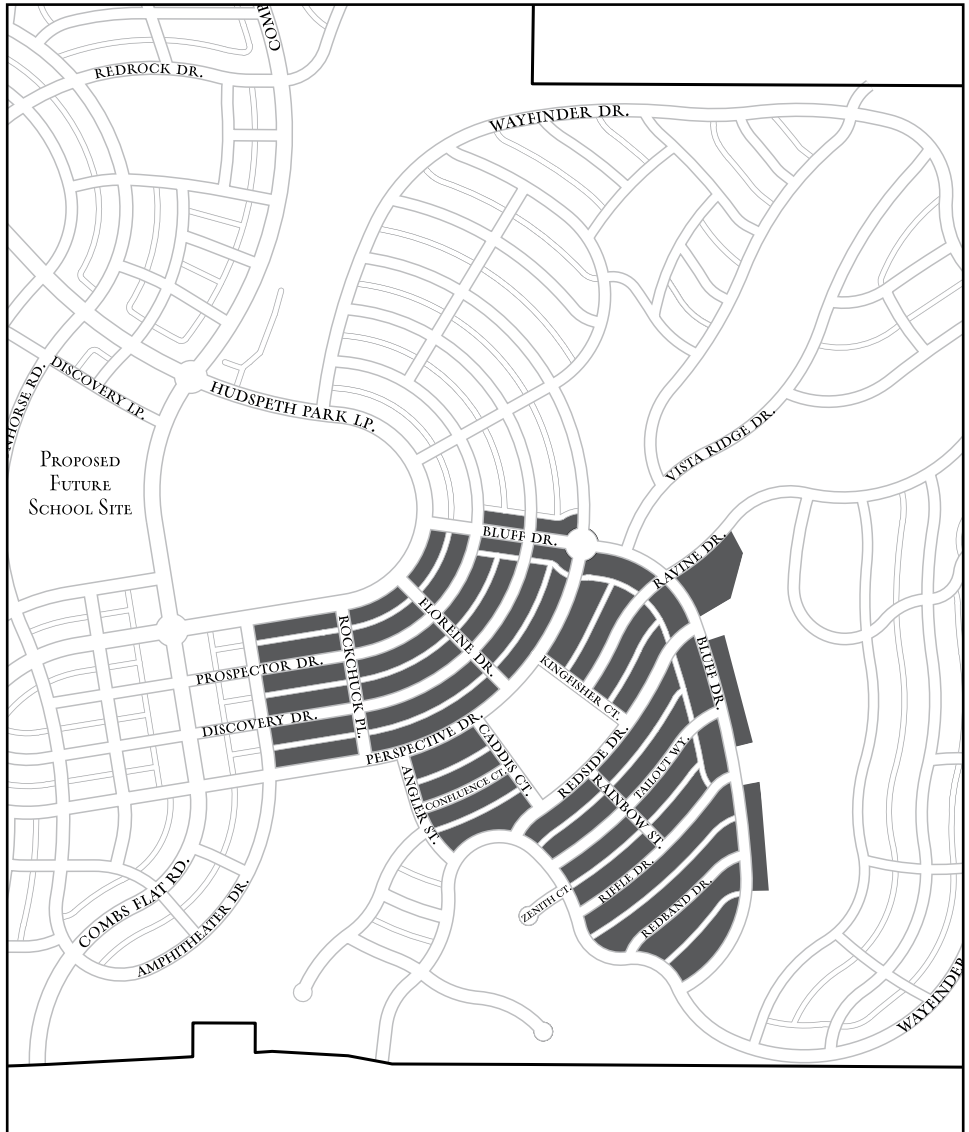


**Color:** Fall foliage, no flower  
**Form:** Rounded canopy  
**Texture:** Filtered, Medium Leaf or Full, yet open structure.  
**Size:** 30-60 feet  
**Dominant Fall Color:** Red

### Greenspire Linden (*Tilia Cordata*)



**Color:** Fall foliage, no flower  
**Form:** Columnar canopy  
**Texture:** Dark, shiny green leaves  
**Size:** 30-60 feet  
**Dominant Fall Color:** Yellow



### Red Oak (*Quercus rubra*)

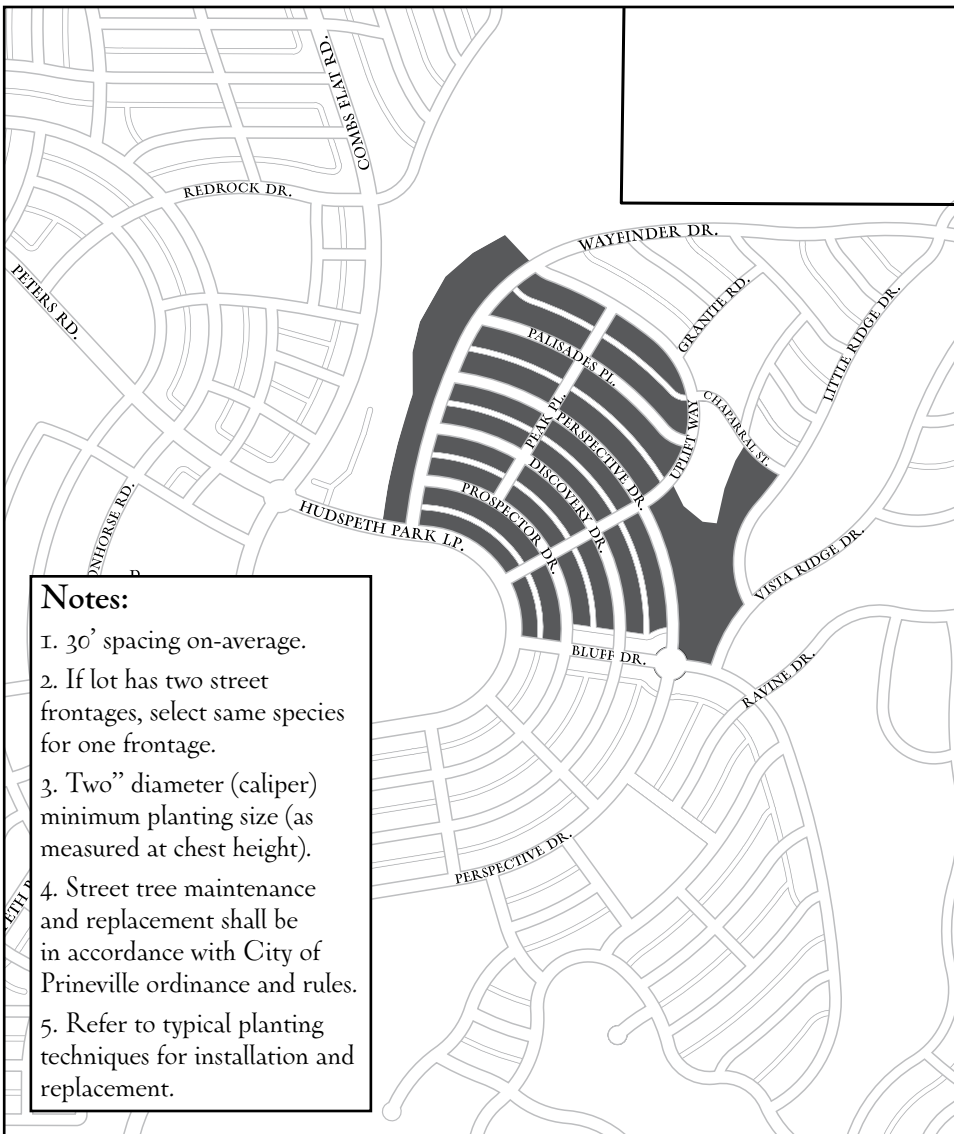


**Color:** Fall foliage, no flower  
**Form:** Rounded canopy  
**Texture:** Pinkish red leaf changes to lustrous dark green  
**Size:** 30-60 feet  
**Dominant Fall Color:** Deep Russet Red

### Notes:

1. 30' spacing on-average.
2. If lot has two street frontages, select same species for one frontage.
3. Two" diameter (caliper) minimum planting size (as measured at chest height).
4. Street tree maintenance and replacement shall be in accordance with City of Prineville ordinance and rules.
5. Refer to typical planting techniques for installation and replacement.

## District C Street Tree Plan (non-designed)



### Notes:

1. 30' spacing on-average.
2. If lot has two street frontages, select same species for one frontage.
3. Two" diameter (caliper) minimum planting size (as measured at chest height).
4. Street tree maintenance and replacement shall be in accordance with City of Prineville ordinance and rules.
5. Refer to typical planting techniques for installation and replacement.

### Canada Red Chokeberry

(*Prunus virginiana* 'Canada Red')

**Color:** Flower and fall foliage color

**Form:** Upright spreading, rounded

**Texture:** Leaves emerge green, turn to purple in sun

**Size:** 15 to 20 feet

**Dominant Fall Color:** Red to reddish purple



### Bowhall Maple

(*Acer rubrum* 'Bowhall')

**Color:** Fall foliage, no flower

**Form:** Columnar canopy

**Texture:** Filtered, Medium Leaf or Full, yet open structure.

**Size:** 30-60 feet

**Dominant Fall Color:** Red, Orange and Yellow



### Washington Hawthorn

(*Crataegus phaenopyrum*)

**Color:** White flower and fall foliage color

**Form:** Columnar canopy

**Texture:** Lustrous dark green

**Size:** 15-30 feet

**Dominant Fall Color:** Red and Orange



### Skyline Honeylocust

(*Gleditsia triacanthos* 'Skycole')

**Color:** Fall foliage, no flower

**Form:** Broadly pyramidal

**Texture:** Fine textured medium green

**Size:** 30-40 feet

**Dominant Fall Color:** Golden



### Scarlet Sentinel Maple

(*Acer rubrum* 'scarsen')

**Color:** Fall foliage, no flower

**Form:** Upright narrow

**Texture:** Dark green

**Size:** 30-40 feet

**Dominant Fall Color:** Yellowish orange to orange-red





## District D Street Tree Plan (non-designed)

### Autumn Purple Ash

(Fraxinus americana 'Junginger')



**Color:** Fall foliage, no flower  
**Form:** Rounded canopy  
**Texture:** Dark green, 5-9 leaflets  
**Size:** 20-40 feet  
**Dominant Fall Color:** Reddish-purple

### Summit Ash

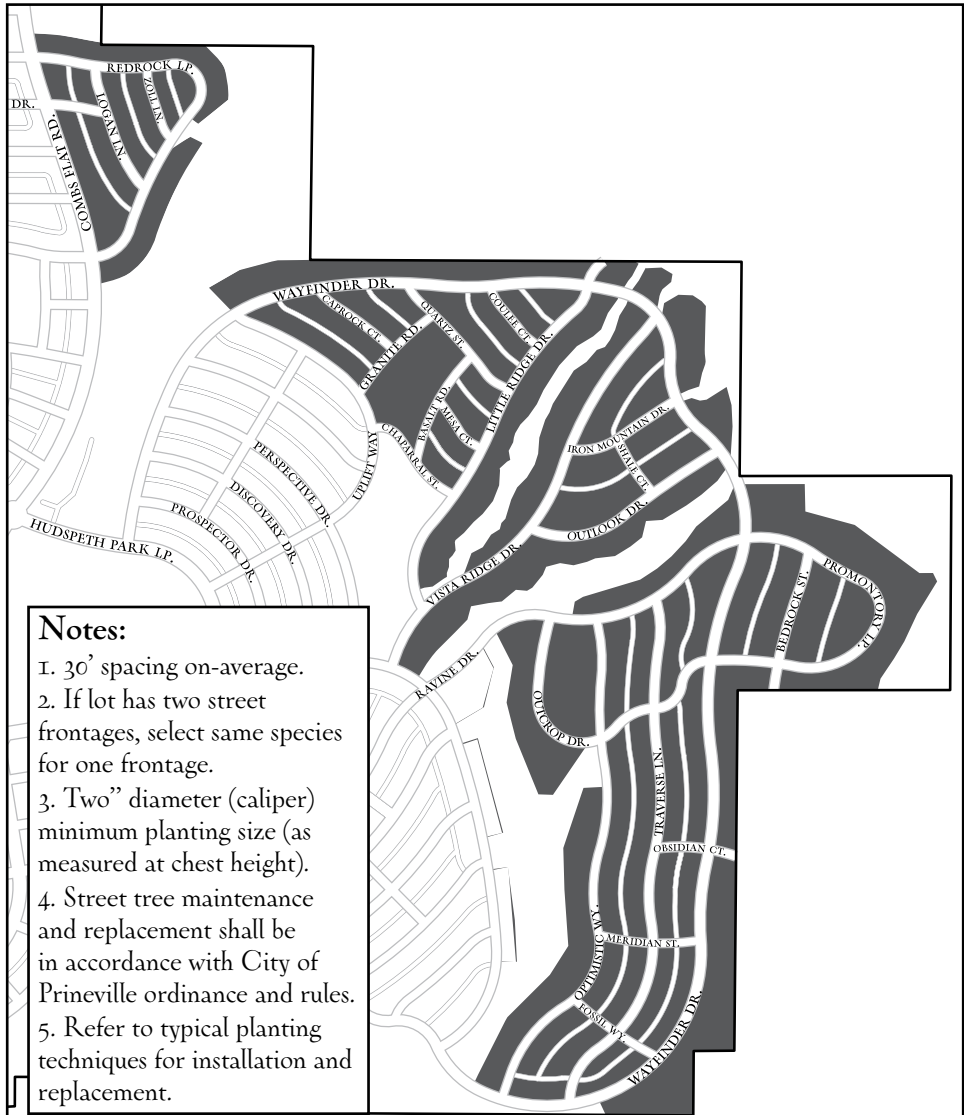
(Fraxinus pennsylvanica 'Summit')



**Color:** Fall foliage, no flower  
**Form:** Columnar canopy  
**Texture:** Filtered, Medium Leaf or Full, yet open structure.  
**Size:** 30-60 feet  
**Dominant Fall Color:** Yellow

### Notes:

1. 30' spacing on-average.
2. If lot has two street frontages, select same species for one frontage.
3. Two" diameter (caliper) minimum planting size (as measured at chest height).
4. Street tree maintenance and replacement shall be in accordance with City of Prineville ordinance and rules.
5. Refer to typical planting techniques for installation and replacement.



### 'Chanticleer' Callery Pear

(Pyrus calleryana 'Chanticleer')



**Color:** Flower and fall foliage color  
**Form:** Columnar canopy  
**Texture:** Leathery, shiny green leaves  
**Size:** 40-60 feet  
**Dominant Fall Color:** Red

### Emerald Queen Maple

(Acer platanoides 'Emerald Queen')



**Color:** Flower and fall foliage color  
**Form:** Rounded canopy  
**Texture:** Dark green, deep-lobed  
**Size:** 40-60 feet  
**Dominant Fall Color:** Yellow

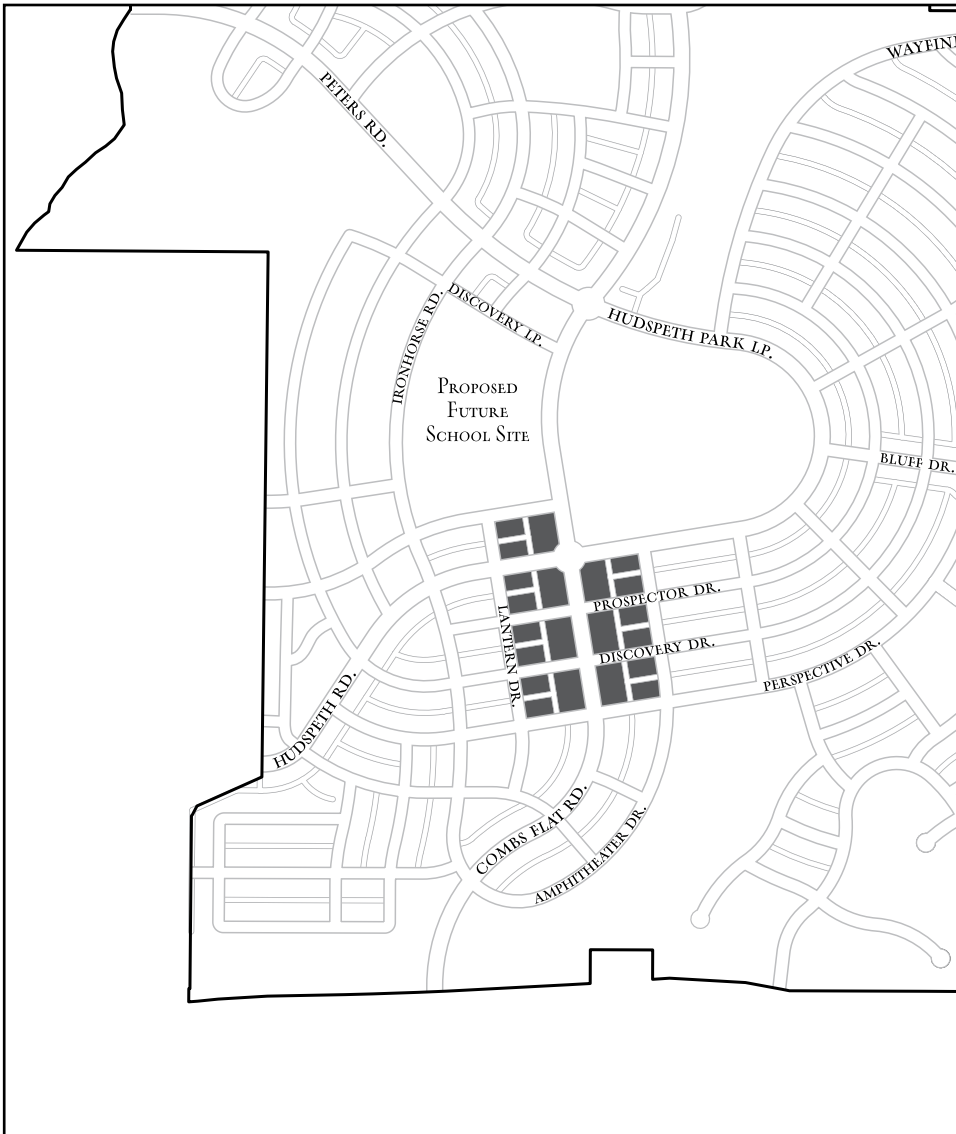
### Redmond Linden

(Tilia americana x euchlora 'Redmond')



**Color:** Fall foliage, no flower  
**Form:** Columnar canopy  
**Texture:** Dark green, shiny leaves  
**Size:** 15-30 feet  
**Dominant Fall Color:** Yellow

## District E Street Tree Plan (non-designed)



### Norway Maple (*Acer platanoides* 'columnar')



**Color:** Fall foliage, no flower  
**Form:** Columnar canopy  
**Texture:** Filtered, Medium Leaf or Full, yet open structure.  
**Size:** 20-40 feet  
**Dominant Fall Color:** Yellow

### Scarlet Sentinel Maple (*Acer rubrum* 'scarsen')



**Color:** Fall foliage, no flower  
**Form:** Upright narrow  
**Texture:** Dark green  
**Size:** 30-40 feet  
**Dominant Fall Color:** Yellowish orange to orange-red

### Notes:

1. 30' spacing on-average.
2. If lot has two street frontages, select same species for one frontage.
3. Two" diameter (caliper) minimum planting size (as measured at chest height).
4. Street tree maintenance and replacement shall be in accordance with City of Prineville ordinance and rules.
5. Refer to typical planting techniques for installation and replacement.

### Boulevard Linden (*Tilia americana* 'Boulevard')



**Color:** Fall foliage, no flower  
**Form:** Columnar canopy  
**Texture:** Dense, Large-leaf, Full  
**Size:** 30-60 feet  
**Dominant Fall Color:** Yellow

### Chanticleer Callery Pear (*Pyrus calleryana* 'Chanticleer')



**Color:** Flower and fall foliage color  
**Form:** Columnar canopy  
**Texture:** Leathery, shiny green leaves  
**Size:** 40-60 feet  
**Dominant Fall Color:** Red



## District F Street Tree Plan (non-designed)

### Canada Red Chokeberry (*Prunus virginiana* 'Canada Red')

**Color:** Flower and fall foliage color

**Form:** Upright spreading, rounded

**Texture:** Leaves emerge green, turn purple in sun

**Size:** 15-20 feet

**Dominant Fall Color:** Red to reddish purple



### 'Red Sunset' Maple (*Acer rubrum* 'Franksred')

**Color:** Fall foliage, no flower

**Form:** Rounded canopy

**Texture:** Filtered, Medium Leaf or Full, yet open structure.

**Size:** 30-60 feet

**Dominant Fall Color:** Red, Orange



### Patmore Ash (*Fraxinus pennsylvanica* 'Patmore')

**Color:** Fall foliage, no flower

**Form:** Full arching canopy

**Texture:** Filtered, Medium Leaf or Full, yet open structure.

**Size:** 30-60 feet

**Dominant Fall Color:** Yellow

**Alternate:** Summit Ash



### Notes:

1. 30' spacing on-average.
2. If lot has two street frontages, select same species for one frontage.
3. Two" diameter (caliper) minimum planting size (as measured at chest height).
4. Street tree maintenance and replacement shall be in accordance with City of Prineville ordinance and rules.
5. Refer to typical planting techniques for installation and replacement.



### 'Autumn Blaze' Maple (*Acer Freemanii*)

**Color:** Fall foliage, no flower

**Form:** Rounded canopy

**Texture:** Filtered, Medium Leaf or Full, yet open structure.

**Size:** 30-60 feet

**Dominant Fall Color:** Red



### 'Prairifire Crabapple (*Malus 'Prairie Fire')*

**Color:** Purple-red flower and fall foliage color

**Form:** Rounded canopy

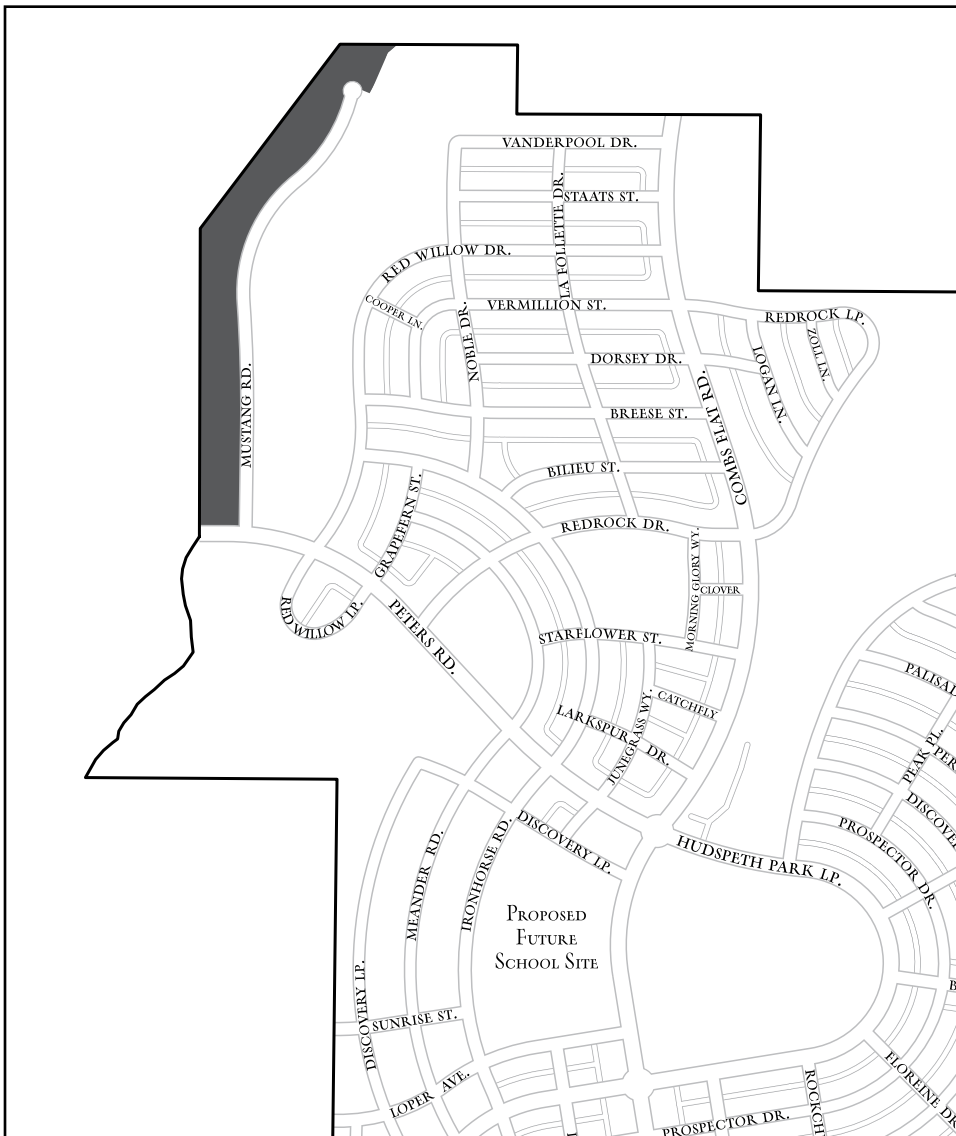
**Texture:** Upright, open tree with maroon to green small leaves

**Size:** 20-40 feet

**Dominant Fall Color:** Yellow and Red



## District G Street Tree Plan (non-designed)



### 'Autumn Blaze' Maple (Acer Freemanii)

**Color:** Fall foliage, no flower  
**Form:** Rounded

**Texture:** Filtered, Medium Leaf or Full, yet open structure.

**Size:** 30-60 feet

**Dominant Fall Color:** Red



### Notes:

1. 30' spacing on-average.
2. If lot has two street frontages, select same species for one frontage.
3. Two" diameter (caliper) minimum planting size (as measured at chest height).
4. Street tree maintenance and replacement shall be in accordance with City of Prineville ordinance and rules.
5. Refer to typical planting techniques for installation and replacement.

# District R-I Street Tree Plan (Designed)

## 'Autumn Blaze' Maple (Acer Freemanii)



**Color:** Fall foliage, no flower  
**Form:** Rounded canopy  
**Texture:** Filtered, Medium Leaf or Full, yet open structure.  
**Size:** 30-60 feet  
**Dominant Fall Color:** Red

## Skyline Honeylocust (Gleditsia triacanthos)

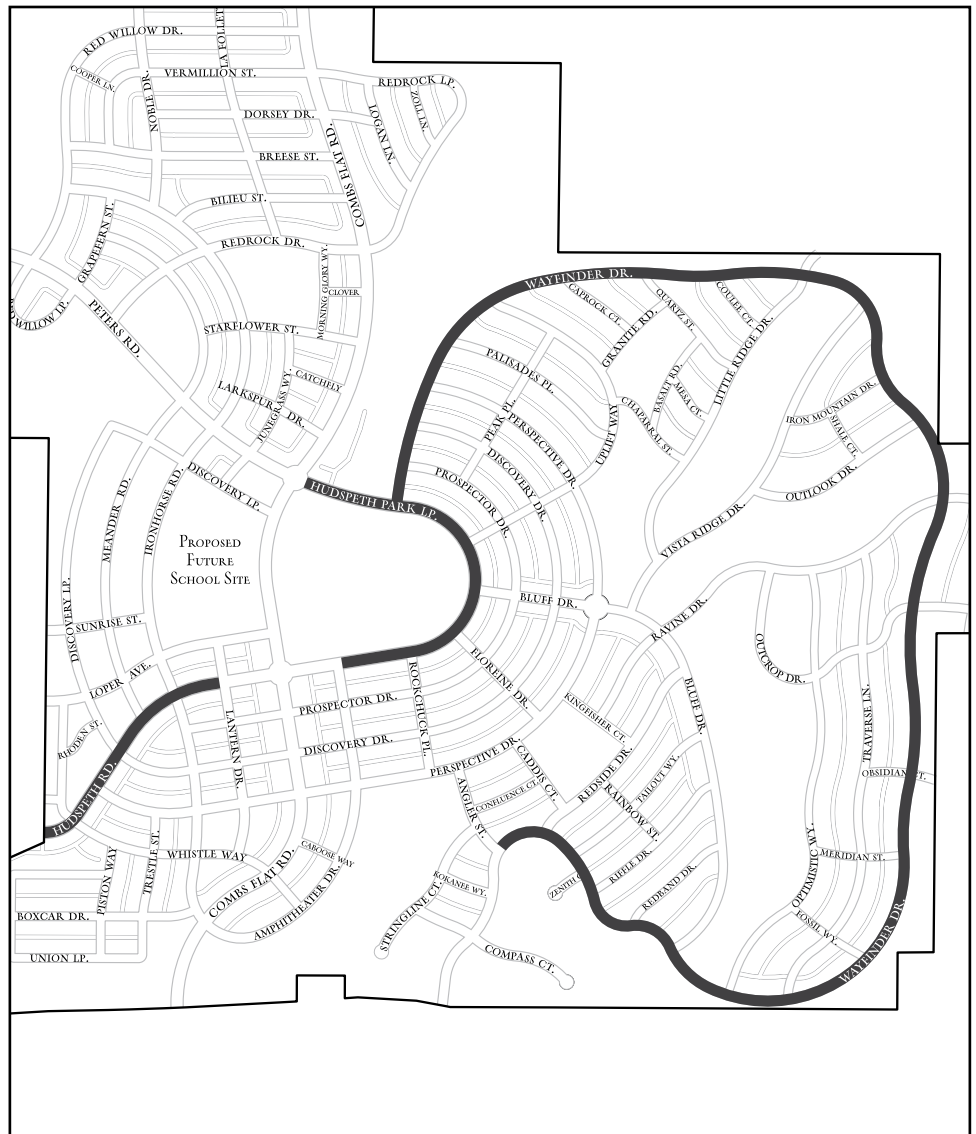


**Color:** Fall foliage, no flower  
**Form:** Full arching canopy  
**Texture:** Filtered, Medium Leaf or Full, yet open structure.  
**Size:** 30-60 feet  
**Dominant Fall Color:** Yellow

## Purple Robe Locust (Robinia pseudoacacia 'Purple Robe')



**Color:** Flower and fall foliage color  
**Form:** Full arching canopy  
**Texture:** Filtered, Medium Leaf or Full yet open structure.  
**Size:** 30-60 feet  
**Dominant Fall Color:** Yellow



## Notes:

1. 30' spacing on-average.
2. If lot has two street frontages, select same species for one frontage.
3. Two" diameter (caliper) minimum planting size (as measured at chest height).
4. Street tree maintenance and replacement shall be in accordance with City of Prineville ordinance and rules.
5. Refer to typical planting techniques for installation and replacement.



## District R-2 Street Tree Plan (Designed)



### 'Deborah' Norway Maple (Acer platanoides 'Deborah')

**Color:** Fall foliage, no flower  
**Form:** Columnar canopy  
**Texture:** Filtered, Medium Leaf or Full, yet open structure.  
**Size:** 20-40 feet  
**Dominant Fall Color:** Yellow



### Harvest Gold Linden (Tilia cordata 'mongolica')

**Color:** Fall foliage, no flower  
**Form:** Full arching canopy  
**Texture:** Filtered, Medium Leaf or Full, yet open structure.  
**Size:** 30-60 feet  
**Dominant Fall Color:** Yellow



### Notes:

1. 30' spacing on-average.
2. If lot has two street frontages, select same species for one frontage.
3. Two" diameter (caliper) minimum planting size (as measured at chest height).
4. Street tree maintenance and replacement shall be in accordance with City of Prineville ordinance and rules.
5. Refer to typical planting techniques for installation and replacement.

### Pin Oak (Quercus palustris)

**Color:** Fall foliage, no flower  
**Form:** Columnar canopy  
**Texture:** Filtered, Medium Leaf or Full, yet open structure.  
**Size:** 30-60 feet  
**Dominant Fall Color:** Rusty Orange, Red





## Exhibit A: Typical Street Tree Planting Guidelines and Techniques

