



TREE BOARD MEETING
Zoom Webinar and Town Council Chamber
3 S. Timber Ridge Pkwy, Severance, CO 80550

AGENDA
REGULAR MEETING 2022-01TB
February 28, 2022
6:00 p.m.

A. CALL TO ORDER

1. Roll Call

2. Pledge of Allegiance

3. Public Comment:

The purpose of the Public Comment is for members of the public to speak to the Tree Board on any subject not scheduled on the agenda. To accomplish scheduled agenda items, comments should be limited to a three-minutes for those attending in person or an appropriate time as deemed by the Chair. The Tree Board is not obligated to make decisions or action on comments but may choose to schedule the matter for a later discussion. Those addressing the Tree Board must state their name and address.

4. Consent Calendar

The Consent Calendar is intended to allow the Town Council to spend time and energy on the important items and not routine actions. A Council Member may request an item on this calendar to be "pulled" off the Consent Calendar and considered separately as a regular agenda item. Items remaining on the Consent Calendar will be approved by Town Council with one vote.

- **Minutes- 2021-4 October 25, 2021**

5. Approval of Agenda

B. REGULAR MEETING

1. Introductions (Board & Staff)

2. Appointment of Chair and Vice-Chair (Pg. 3)

- Staff Presentation: Nicholas Wharton, Town Manager
- Action

3. Tree Species List Discussion (Pg. 4)

- Staff Presentation: Nicholas Wharton, Town Manager
- Action



4. Arbor Day Discussion (Pg. 19)

- Staff Presentation: Becca Peter, Communications & Engagement Specialist
- Discussion

5. 2022 Work Plan (Pg. 26)

- Staff Presentation: Nicholas Wharton, Town Manager
- Staff Presentation: Karina Gomez, Administrative Assistant/Court Clerk
- Discussion & Action

C. BOARD MEMBER PETITIONS

Tree Board Members may ask for items to be added to future agendas.

D. COMMUNICATIONS

- Town Staff
- Town Manager
- Town Board Members

E. ADJOURN

*Regular Tree Board Meeting 2022-01
Monday, February 28, 2022, 6:00 PM (MDT)*

*Registration URL
https://us02web.zoom.us/webinar/register/WN_NAkp1vwwQHGO2h8z5GWjQQ*



AGENDA ITEM SUMMARY

AGENDA ITEM	SUBMITTED BY	PRESENTED BY
<p>Appointments of Chair & Vice-Chair</p>	<p>Nicholas J. Wharton, MPA</p>	<p>Nicholas J. Wharton, MPA</p>
<p>ACTION REQUESTED</p>		
<p>Management & Staff asks that the Tree Board discuss the Chair and Vice-Chair appointments and take action.</p> <ul style="list-style-type: none"> • Actions that may be taken: <ul style="list-style-type: none"> • Move to appoint a Chair for a one-year term • Move to appoint a Vice-Chair for a one-year term 	<ul style="list-style-type: none"> <input type="checkbox"/> Annexation <input type="checkbox"/> Zoning <input type="checkbox"/> Concept Plan <input type="checkbox"/> Final Plat <input checked="" type="checkbox"/> <u>Discussion</u> <input checked="" type="checkbox"/> <u>Action</u> 	
<p>BRIEF SUMMARY</p>		
<p>Per Chapter 2, Article 7, Section 2-7-70 of the Severance Municipal Code:</p> <p>The Tree Board shall select a Chair who shall serve a term of one (1) year with eligibility for reelection. A Vice Chair may be selected from the entire membership of the Tree Board. However, no alternate member shall be eligible to serve as an officer of the Tree Board. In the absence of both the Chair and Vice Chair, any member of the Tree Board may conduct the meeting. (Ord. 2021-03 §1)</p>		
<p>PUBLIC SUPPORT/CONCERN</p>		
<p>None at this time.</p>		
<p>RECOMMENDATION</p>		
<p>Management & Staff recommends that the Tree Board take action and move to appoint a Chair and Vice-Chair for a one-year term.</p>		
<p>MATERIALS SUBMITTED</p>		
<p>No additional materials were submitted and included in this packet.</p>		



AGENDA ITEM SUMMARY

AGENDA ITEM	SUBMITTED BY	PRESENTED BY
Tree Species List Discussion	Nicholas J. Wharton, MPA	Nicholas J. Wharton, MPA
ACTION REQUESTED		
<p>Management & Staff asks that the Tree Board discuss the Tree Species List and take action.</p> <ul style="list-style-type: none"> • Actions that may be taken: <ul style="list-style-type: none"> • Move to approve Tree Species List • Take no action 	<ul style="list-style-type: none"> <input type="checkbox"/> Annexation <input type="checkbox"/> Zoning <input type="checkbox"/> Concept Plan <input type="checkbox"/> Final Plat <input checked="" type="checkbox"/> <u>Discussion</u> <input checked="" type="checkbox"/> <u>Action</u> 	
BRIEF SUMMARY		
<p>As discussed at the last Tree board meeting, Management and Staff are presenting the current Tree Species list for the board to alter if they so choose. Staff is asking for feed back and direction on how the tree board would like this Tree species list to be presented to the Town of Severance residents on our website.</p>		
PUBLIC SUPPORT/CONCERN		
None at this time.		
RECOMMENDATION		
Management and Staff recommends that the Tree Board take action and move to approve the new Tree Species List.		
MATERIALS SUBMITTED		
<p>The following materials were submitted and included in this packet:</p> <ul style="list-style-type: none"> • Tree Species List 		

Botanical Name	Variety or Common Name	Rating	Cultural Factors														Comments:			
<i>Plant Nomenclature from Manual of Woody Landscape Plants by Michael A. Dirr 2009</i>			Critical					Cautionary					Other							
			SC	ST	ID	CH	SA	TS	WW	SL	SU	RS	TR	LS	EX	WN	LA			
Acer	Maple																			
Acer campestre	Hedge	B				x											l-m	x	Variable hardiness from seed; prone to winter dieback in hard	
Acer x freemanii	Freeman - 'Armstrong', Autumn Blaze®, Autumn Fantasy®, Celebration®, Sienna Glen®	B	x				x	x									m		Develops chlorosis in alkaline soils	
Acer ginnala	Amur/ Ginnala - 'Flame'	B	x				x					x					l-m		soils	
Acer glabrum	Rocky Mountain	B		x													m-h		Prefers more moisture	
Acer grandidentatum	Big Tooth	A															l-m	x		
Acer grandidentatum	Big Tooth - Manzano™	C				x											l-m	x	grandidentatum	
Acer griseum	Paperbark	C				x							x			x	m	x	Needs a protected site; does not transplant well when bare rooted	
Acer miyabei	Miyabe	C				x			x								l-m	x	Typically budded to A.campestre that shows variable hardiness	
Acer negundo	Boxelder/ Ash-leaved - 'Sensation'	C							x								l-m	x	Tolerant of alkaline soils; holds a strong dominate leader; male	
Acer palmatum	Japanese	B									x						x	m-h	Prefers well drained soils low in salt content with some	
Acer platanoides	Norway - Columnare, 'Crimson King', 'Crimson Sentry', 'Deborah', Emerald Lustre®, 'Emerald Queen', Fairview®, 'Royal Red'	B							x								x	m	Acer platanoides is prone to sunscald and leaf scorch in hot dry sites	
Acer pseudosieboldianum	Korean/Purplebloom	C							x								x	m	x	More tolerant of heavy soils than Acer palmatum, but still needs

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<i>Plant Nomenclature from Manual of Woody Landscape Plants by Michael A. Dirr 2009</i>			SC	ST	ID	CH	SA	TS	WW	SL	SU	RS	TR	LS	EX	WN	LA	
Acer rubrum	Red - Autumn Flame®	B	x				x	x								m		acidic soil
Acer rubrum	Red - Burgundy Belle®	C	x				x	x								m	x	soils
Acer rubrum	Red - Northwood®	B	x				x	x								m		soils
Acer rubrum	Red - October Glory®	B	x				x	x								m		soils
Acer rubrum	Red - Redpointe®	C	x				x	x								m	x	soils
Acer rubrum	Red - Red Sunset®	B	x				x	x								m		soils
Acer saccharinum	Silver - 'Silver Queen'	B	x				x	x	x							m		soils
Acer saccharinum	Silver - 'Skinner'	B	x				x	x	x							m	x	soils
Acer saccharum	Sugar - Green Mountain®	B	x	x			x	x								m		Acer saccharum prefers well drained, neutral to acidic soils
Acer saccharum	Sugar - Legacy®	B	x	x			x	x								m	x	soils
Acer saccharum	Sugar - Caddo 'John Pair', 'Autumn	C				x		x								l-m	x	Alkaline tolerant; needs protected site
Acer tataricum	Tartarian	A										x				l-m	x	
Acer tataricum	Tatarian -Hot Wings®	A										x				l-m		
Acer tataricum	Tatarian - Pattern Perfect™	A										x				l-m		
Acer truncatum x platanoides	Norwegian Sunset®	C				x										l-m	x	Prone to winter dieback in early hard freezes & possible death at -
Aesculus	Buckeye/Horsechestnut																	
Aesculus arguta	Texas	A														l-m		More heat tolerant than A.glabra
Aesculus glabra	Ohio	A												x		m		Some chlorosis; prone to leaf scorch in hot dry sites
Aesculus hippocastanum	Common Horsechestnut	A												x		m		
Aesculus octandra(flava)	Yellow	C												x		m		
Aesculus x carnea	'Briotti'	C												x		m		
Aesculus x carnea	'Fort McNair'	C												x		m		
Alnus	Alder																	

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Alnus glutinosa	Common /Black	B			x									x		m-h		sites
Alnus tenuifolia	Thinleaf/ Mountain	A			x									x		m-h		sites
Amelanchier	Serviceberry																	
Amelanchier alnifolia	Saskatoon	A									x					l-m		Best used as multi-stem
Amelanchier canadensis	Shadblow	A									x					l-m		Best used as multi-stem
Amelanchier laevis	Allegheny - 'Snowcloud', Spring Flurry®	C									x					m		Best used as multi-stem
Amelanchier lamarckii	Lamarck	C									x					m		Best used as multi-stem
Amelanchier x grandiflora	Autumn Brilliance®, 'Princess Diana', 'Robin Hill'	B	x								x					m		Prefers acid soil; develops chlorosis in alkaline soils; prone to basal suckering; best used
Betula	Birch																	
Betula nigra	River - Heritage®	B	x		x		x									m-h		Develops chlorosis in alkaline soils and bronze birch borer
Betula occidentalis	Rocky Mountain/ Water	B			x											m-h		Bronze birch borer
Betula papyrifera	Paper	B			x											m-h		Bronze birch borer
Betula pendula	European White - 'Gracilis'	B			x											m-h		Bronze birch borer
Betula platyphylla	Asian White - 'Whitespire'	B			x					x						m-h		Bronze birch borer
Carpinus	Hornbeam																	
Carpinus betulus	European - 'Frans Fontaine'	C						x							x	m		Needs protected site
Carpinus betulus	'Fastigiata' ('Pyramidalis')	B						x							x	m	x	Needs protected site
Catalpa	Catalpa																	
Catalpa ovata	Chinese	A							x							x		
Catalpa speciosa	Northern/ Western	A							x									
Celtis occidentalis	Common	A																
Cercis	Redbud																	
Cercis canadensis	Eastern	A							x						x	h		Northern seed source

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<i>Plant Nomenclature from Manual of Woody Landscape Plants by Michael A. Dirr 2009</i>																		
<i>Cercis canadensis</i>	Eastern - 'Alba'	C							x						x	m	x	
<i>Cercis canadensis</i>	Eastern - 'Forest Pansy'	B				x			x						x	m	x	
<i>Cercis canadensis</i>	Eastern -Lavender Twist™	C							x						x	m		
Cladrastis kentukea	American Yellowwood	C							x						x	m	x	
Cornus	Dogwood																	
<i>Cornus controversa</i>	Giant - 'June Snow'	C														m	x	Time will tell
<i>Cornus mas</i>	Cornelian Cherry	A														m	x	Best used as multi-stem
Corylus colurna	Turkish Filbert/Hazelnut	C											x			l-m	x	
Crataegus	Hawthorn																	
<i>Crataegus crusgalli</i>	Cockspur var. inermis	A														l-m		
<i>Crataegus ambigua</i>	Russian	A														l-m		
<i>Crataegus douglasii</i>	River/Douglas	B									x					m	x	
<i>Crataegus laevigata</i>	English - 'Crimson Cloud', 'Pauls Scarlet'	B				x										m	x	Fireblight
<i>Crataegus mollis</i>	Downy	B				x										l-m	x	Rust
<i>Crataegus x mordenensis</i>	'Toba'	B				x			x							m		
<i>Crataegus phaenopyrum</i>	Washington	A														m		
<i>Crataegus viridis</i>	Green - 'Winter King'	A														l-m		
<i>Crataegus x lavallei</i>	Lavalle	C														m	x	
Fagus sylvatica	European Beech - 'Roseomarginata',	B		x					x							m	x	Best in well drained soils
Fraxinus	Ash																	
<i>Fraxinus americana</i>	White - Autumn Purple®	D				x			x							m		EAB-found in Boulder in 2013. Spread to other areas is
<i>Fraxinus americana</i>	White - 'Empire'	D				x			x							m	x	EAB-found in Boulder in 2013. Spread to other areas is

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<i>Fraxinus mandshurica</i>	Manchurian - 'Mancana'	D			x											m	x	EAB-found in Boulder in 2013. Spread to other areas is	
<i>Fraxinus nigra</i>	Black - 'Fallgold'	D			x					x				x		m		EAB-found in Boulder in 2013. Spread to other areas is	
<i>Fraxinus pennsylvanica</i>	Green - 'Bergeson'	D			x											m	x	EAB-found in Boulder in 2013. Spread to other areas is	
<i>Fraxinus pennsylvanica</i>	Green -Cimmaron®	D			x											l-m	x	EAB-found in Boulder in 2013. Spread to other areas is	
<i>Fraxinus pennsylvanica</i>	Green - Dakota Centennial™	D			x											m	x	EAB-found in Boulder in 2013. Spread to other areas is	
<i>Fraxinus pennsylvanica</i>	Green -'Marshall's Seedless'	D			x											l-m		EAB-found in Boulder in 2013. Spread to other areas is	
<i>Fraxinus pennsylvanica</i>	Green - 'Patmore'	D			x											l-m		EAB-found in Boulder in 2013. Spread to other areas is	
<i>Fraxinus pennsylvanica</i>	Green - Prairie Spire®	D			x											l-m	x	EAB-found in Boulder in 2013. Spread to other areas is	
<i>Fraxinus pennsylvanica</i>	Green - 'Summit'	D			x											l-m		EAB-found in Boulder in 2013. Spread to other areas is	
Ginkgo biloba	Ginkgo/ Maidenhair Tree	B				x									x	m	x		
Gleditsia	Honeylocust																		
<i>inermis</i>	Thornless Common -Halka™	B						x								l-m	x	Wrap young tree	
<i>Gleditsia triacanthos v. inermis</i>	Thornless Common - Imperial®,	A						x								l-m		Wrap young tree	
<i>inermis</i>	Sunburst®	B				x		x	x							l-m		Wrap young tree	
Gymnocladus	Kentucky Coffeetree																		
<i>Gymnocladus dioicus</i>	Kentucky Coffeetree	A														l-m			
<i>Gymnocladus dioicus</i>	'Espresso'	C														l-m	x		
Heptacodium miconioides	Seven-Son Flower	C				x										m	x		

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Hibiscus syriacus	Rose-of-Sharon - 'Aphrodite', 'Ardens', 'Coelistis',	C														m	x	
Juglans nigra	Black Walnut	D			x											l	x	Thousand cankers disease
Koelreuteria paniculata	Paniced Goldenraintree	B							x			x				l		
Liquidambar styraciflua	American Sweetgum	C		x		x										m	x	Needs a well drained soil
Liriodendron tulipifera	Tuliptree	C				x										m	x	
Maackia amurensis	Amur Maackia	C														l-m	x	
Magnolia																		
Magnolia acuminata	Cucumbertree	C														m	x	
Magnolia x 'Galaxy'	Galaxy	C													x	m	x	
Magnolia x soulangiana	Saucer	A													x			
Malus	Apple																	
Malus 'Gala'	Gala	B			x											m		fireblight
Malus 'Granny Smith'	Granny Smith	D			x	x	x									m	x	Considered zone 6, fireblight
Malus 'Haralred'	Haralred	B					x									m		codling moth
Malus 'Honeycrisp'	HoneyCrisp	C														m	x	Subject to codling moth
Malus 'Jonathan'	Jonathan	B			x											m		moth
Malus 'Liberty'	Liberty	C														m		Subject to codling moth
Malus 'McIntosh'	McIntosh	B			x											m		moth
Malus 'Red Delicious'	Red Delicious	A														m		Subject to codling moth
Malus 'Royal Gala'	Royal Gala	B			x											m		moth
Malus 'Sweet Sixteen'	Sweet Sixteen	C														m		codling moth
Malus 'Yellow Delicious'	Yellow Golden Delicious	A														m		Subject to codling moth
Malus 'Zestar'	Zestar	C														m	x	Subject to codling moth
Malus	Crabapple																	

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<i>Plant Nomenclature from Manual of Woody Landscape Plants by Michael A. Dirr 2009</i>																			
Malus 'Adams'	Adams	A																l-m	x
Malus x 'Branzam'	Brandywine®	B			x													l-m	
Malus x 'Centzam'	Centurion®	A																l-m	
Malus x 'Coralcole'	Coralburst™	A																l-m	
Malus 'David'	David	A																l-m	x
Malus 'Dolgo'	Dolgo	B			x													l-m	x
Malus x 'Schmidcutleaf'	Golden Raindrops®	D			x													l-m	x
Malus 'Hopa'	Hopa	B			x													l-m	x
Malus 'Indian Magic'	Indian Magic	A							x									l-m	
Malus 'Indian Summer'	Indian Summer	A																l-m	
Malus ioensis	Bechtel 'Plena'	D			x													l-m	x
Malus 'Prairiefire'	Prairiefire	B			x													l-m	
Malus 'Prairie Rose'	Prairie Rose	C																l-m	x
Malus 'Profusion', 'Radiant'	Profusion, Radiant	A																l-m	
Malus 'Red Barron'	Red Barron	C																l-m	x
Malus 'Red Jade', 'Royalty'	Red Jade, Royalty	D			x													l-m	x
Raindrops'	Robinson, Royal Raindrops	C																l-m	x
Malus sargentii	Sargent	A			x													l-m	
Malus sargentii 'Tina'	Sargent Tina	C																l-m	
Malus 'Spring Snow'	Spring Snow	A			x													l-m	
Malus 'Thunderchild'	Thunderchild	A																l-m	
Malus 'Velvetcole'	Velvet Pillar™	C				x			x									l-m, m	x
Morus alba	White - 'Chaparral'	B				x			x									l-m, m	x
Phellodendron amurense	Amur corktree	C																m	
Platanus x acerifolia	'Bloodgood'	C			x	x										x		m-h	
Populus	Poplar (cottonwood)																		

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Populus angustifolia	Narrowleaf	B			x				x	x	x					l-m		Vigorous suckering; forms colonies. Use in native areas only
Populus deltoides	Eastern	B			x				x	x	x					m-h		Too big for residential use
Populus sargentii	Plains	A							x							m-h		Too big for residential use
Populus sargentii	'Jeronymus'	A														m		Too big for residential use
Populus tremula 'Erecta'	Upright European, Aspen	B			x					x	x					m		diseases and insects
Populus tremuloides	Quaking Aspen	B			x					x	x					m		Better at high elevations, chlorosis at lower elevations,
Populus x acuminata	Lanceleaf	A							x		x					m		Too big for residential use
sargentii	Highland	B			x				x		x					m		Too big for residential use
'Tower'	Tower	D			x					x	x					m	x	insects
Prunus	Apricot																	
Prunus armeniaca	Chinese	A													x	m	x	range
Prunus armeniaca	'Moongold', 'Moorpark'	A														m	x	Great fall color; seldom sets fruit along the front range
Prunus	Plum, Cherry																	
Prunus avium 'Bali'	Bali	C														m		Semi- sweet cherry
Prunus avium 'Bing'	Bing	B				x									x	m	x	range
Compact'	Stella Compact	B				x									x	m	x	range
Prunus cerasifera	Newport (Kankakee)	B			x					x						m		Borers
Prunus cerasifera	Newport (Minnesota)	B			x					x						m	x	Borers
Prunus cerasus	'North Star'	A														m		
Prunus 'Frankthrees'	Cherry - Mt. Saint Helens®	B			x	x				x					x	m		
Prunus maackii	Amur Chokecherry	B			x										x	m	x	Root diseases if too wet
Prunus 'Mount Royal'	Cherry -Mount Royal	A														m		Self fruitful plum
Prunus padus	European Birdcherry	A							x				x			m		Some breakage after storms

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Prunus padus	European Birdcherry Summer Glow®	A							x							m	x	Some breakage after storms; red leaf form
'Polly'	Peach - Elberta, Polly	B			x										x	m		range
Prunus persica 'Reliance'	Peach - Reliance	B			x										x	m	x	range
Prunus 'Santa Rosa'	Plum - Santa Rosa	A														m		Needs a cross pollinator
Prunus 'Stanley'	Plum - Stanley	A														m		Self fruitful plum
Prunus 'Superior'	Plum - Superior	A														m	x	Needs a cross pollinator
Prunus 'Toka'	Plum - Toka	A														m	x	Needs a cross pollinator
Prunus virginiana	Common Chokecherry 'Canada Red', 'Schubert'	B			x				x	x	x					l-m		Tree form suckers, best as shrub
Prunus x fontanesiana	Plum - Des Fontaines	C														m	x	lived for a Prunus
Ptelea trifoliata	Wafer ash, Hoptree	A							x			x				l-m	x	Best as a multi-stem
Pyrus	Pear																	
Pyrus	Pear - 'Bartlett', 'Early Gold', 'Golden Spice', 'Luscious',	B			x											l-m		Fireblight
Pyrus	Pear - 'Summercrisp'	B														l-m	x	
Pyrus calleryana	Callery - 'Bradford'	D				x			x	x						l-m		
Pyrus calleryana	Callery - 'Aristocrat', 'Chanticleer',	A														l-m		
Pyrus calleryana	Callery - 'Autumn Blaze'	B			x											l-m		Fireblight
Pyrus calleryana	Callery - 'Capital'	A			x											l-m		
Pyrus calleryana	Callery - 'Redspire'	A														l-m		
Pyrus ussuriensis	'Burgandy'	B			x											l-m	x	P.calleryana , fireblight
Pyrus ussuriensis	Ussarian - 'Mt. Frost'	B			x											l-m	x	Fireblight
Quercus	Oak																	
Quercus alba	White	B	x	x			x									l-m	x	soils
Quercus bicolor	Swamp White	B	x				x									m		soils

Botanical Name	Variety or Common Name	Rating	Cultural Factors														Comments:	
			Critical					Cautionary					Other					
<i>Plant Nomenclature from Manual of Woody Landscape Plants by Michael A. Dirr 2009</i>			SC	ST	ID	CH	SA	TS	WW	SL	SU	RS	TR	LS	EX	WN	LA	
Quercus buckleyi	Texas Red	C			x											l	x	predictably hardy
Quercus ellipsoidalis	Northern Pin	C	x													m	x	soils
Quercus gambelii	Gambel	A									x					l		
Quercus macrocarpa	Bur	A														l-m		
Quercus muehlenbergii	Chinkapin	A														l-m	x	From northern seed source
Quercus robur	English	A														l-m		
Quercus robur	English 'Columnaris'	B			x											l-m		
Quercus robur	'Skymaster'	C														l-m	x	
Quercus rubra	Red	B	x													m		soils
Quercus shumardii	Shumard	B			x											l-m		From a northern source
Quercus undulata	Wavyleaf	A														l		
Quercus alba x robur	Crimson Spire®	A														l-m		
Quercus robur x bicolor	Regal Prince®	C														l-m		
Robinia pseudoacacia	Black Locust - 'Purple Robe'	D			x				x	x						l-m		damage
Salix	Willow																	
Salix alba	Niobe Weeping - 'Tristis'	B			x					x						h		Aphids and cankers
Salix alba	Russian Golden - 'Vitellina'	B			x					x						h	x	Aphids and cankers
Salix amygdaloides	Peachleaf	B			x					x						l-m	x	Aphids and cankers
Salix matsudana	Globe - 'Navajo'	D			x					x						h	x	Aphids and cankers
Salix x	Prairie Cascade	B								x						h		Aphids and cankers
Sophora japonica	Japanese Pagodatree	B				x			x	x					x	m	x	
Sorbus	Mountain-ash																	
Sorbus intermedia	Swedish Whitebeam	C						x								m	x	
Sorbus aucuparia	European	B			x			x								m	x	Fireblight
Sorbus aucuparia	European - Cardinal Royal®	B			x			x								m	x	Fireblight
Sorbus x hybrida	Oak Leaf	C						x								m	x	

Botanical Name	Variety or Common Name	Rating	Cultural Factors														Comments:	
			Critical					Cautionary					Other					
<i>Plant Nomenclature from Manual of Woody Landscape Plants by Michael A. Dirr 2009</i>			SC	ST	ID	CH	SA	TS	WW	SL	SU	RS	TR	LS	EX	WN	LA	
Syringa	Lilac																	
<i>Syringa pekinensis</i>	Peking - 'Summer Charm'	C														l-m	x	
<i>Syringa reticulata</i>	Japanese - 'Ivory Silk'	A														l-m		
Tilia	Linden																	
<i>Tilia americana</i>	American- 'Legend', 'American Sentry'	A														m		
<i>Tilia cordata</i>	Littleleaf - Greenspire®	A														m		
<i>Tilia tomentosa</i>	Silver - 'Sterling Silver'	A														m	x	
<i>Tilia cordata</i> x <i>mongolica</i>	'Harvest Gold'	C														m	x	
<i>Tilia</i> x <i>flavescens</i>	'Glenleven'	A													x	m		
<i>Tilia</i> x <i>euchlora</i>	'Redmond'	A													x	m		
Ulmus	Elm																	
<i>Ulmus americana</i>	American - 'Princeton'	C			x											l-m	x	
<i>Ulmus americana</i>	'Triumph'	C														l-m		
<i>Ulmus davidiana</i>	David	C														l-m	x	
<i>Ulmus propinqua</i>	'Emerald Sunshine'	C														l-m	x	
<i>Ulmus wilsoniana</i>	'Prospector'	C														l-m	x	
<i>Ulmus japonica</i> x <i>U. pumila</i>	'Vanguard'	C														l-m	x	
<i>wilsoniana</i>	'Accolade' 'Triumph'	C														l-m	x	
<i>Ulmus minor</i> x <i>U. parvifolia</i>	'Frontier'	C				x										l-m	x	
<i>wilsoniana</i>	'Patriot'	C														l-m	x	
<i>Ulmus wilsoniana</i> x <i>U. pumila</i> x <i>U.</i>	'Commendation'	C														l-m	x	
Xanthoceras sorbifolium	Yellowhorn, Clear Creek®	C														l-m	x	
Zelkova serrata	Japanese Zelkova																	
<i>Zelkova serrata</i>	'Musashino'	C				x										m		

Botanical Name	Variety or Common Name	Rating	Cultural Factors														Comments:	
			Critical					Cautionary					Other					
			SC	ST	ID	CH	SA	TS	WW	SL	SU	RS	TR	LS	EX	WN	LA	
<i>Plant Nomenclature from Manual of Woody Landscape Plants by Michael A. Dirr 2009</i>																		
Zelkova serrata	'Green Vase'	C				x										m		
Zelkova serrata	'Village Green'	C				x										m		
Abies concolor	White Fir	B	x			x	x									m		Needs more moisture; needs well drained soil; chlorosis
Cedrus libani	Cedar of Lebanon	C		x												m	x	
Juniperus	Juniper																	
Juniperus chinensis	Chinese - 'Blue Point', 'Spartan',	B		x		x									x	l-m		
Juniperus chinensis	Chinese - 'Hetzi Columnaris'	A														l-m		
Juniperus monosperma	One-Seed	A														l	x	Needs a dry site.
Juniperus osteosperma	Utah	A														l	x	Needs a dry site.
Juniperus scopulorum	Rocky Mountain	A														l	x	
Juniperus scopulorum	Rocky Mountain - 'Welchii', 'Gray Gleam', 'Cologreen', 'Sky Rocket',	A														l		
Juniperus virginiana	Eastern Red Cedar - 'Hillspire',	A													x	l-m		Will not take windy sites
Juniperus virginiana	Blue'	A													x	l-m	x	
Larix decidua	European Larch	B														m-h		
glyptostroboides	Dawn Redwood	C		x		x									x			
Picea	Spruce																	
Picea abies	Norway - 'Cupressina'	B													x	m-h		Will not take windy sites; needs a more protected area
Picea glauca	Black Hills 'Densata'	A														m-h	x	
Picea omorika	Serbian	B		x		x										m-h		
Picea pungens	Colorado	A			x											m-h	x	Tussock moth in large trees

Botanical Name	Variety or Common Name	Rating	Cultural Factors														Comments:	
			Critical					Cautionary					Other					
<i>Plant Nomenclature from Manual of Woody Landscape Plants by Michael A. Dirr 2009</i>			SC	ST	ID	CH	SA	TS	WW	SL	SU	RS	TR	LS	EX	WN	LA	
<i>Picea pungens glauca</i>	Colorado Blue - 'Baby Blue Eyes', 'Bakeri', 'Fastigiata', 'Fat Albert', Hoopsii, 'Colorado Weeping'	A			x											m-h		Possible IPS problem
Pinus	Pine																	
<i>Pinus aristata</i>	Bristlecone(foxtail)	B				x										l-m		Slow growing
<i>Pinus bungeana</i>	Lacebark	C														m-h	x	
<i>Pinus cembra</i>	Swiss Stone Pine	C		x												l-m		
<i>Pinus contorta</i>	Lodgepole	B			x											l-m	x	Chlorosis at lower elevations; susceptible to Mountain Pine
<i>Pinus edulis</i>	Pinyon	A			x											l-m		Beetle.
<i>Pinus flexilis</i>	Limber	A														l-m		
<i>Pinus flexilis</i>	'Vanderwolf's Pyramid'	A														l-m		
<i>Pinus heldreichii</i>	Bosnian var. leucodermis	A													x	m	x	
<i>Pinus heldreichii</i>	Bosnian var. leucodermis - 'Emerald Arrow', 'Iseli Fastigiata'	C													x	m	x	
<i>Pinus monophylla</i>	Singleleaf Pinyon	C														l	x	
<i>Pinus mugo</i>	Tuna', 'Tannenbaum'	A														l-m		
<i>Pinus nigra</i>	Austrian	A														m		Some Zimmerman Pine Moth
<i>Pinus nigra</i>	Austrian - 'Arnold's Sentinel'	B			x											m		
<i>Pinus ponderosa</i>	Ponderosa	B			x											l-m		Mountain Pine Beetle
<i>Pinus strobus</i>	Eastern White	B	x			x									x	m		Develops chlorosis in alkaline soils; will not take windy sites
<i>Pinus strobiformis</i>	Southwestern White	A														l-m		
<i>Pinus sylvestris</i>	Scotch	B			x			x								m	x	Mountain Pine Beetle

Botanical Name	Variety or Common Name	Rating	Cultural Factors														Comments:	
			Critical					Cautionary					Other					
			SC	ST	ID	CH	SA	TS	WW	SL	SU	RS	TR	LS	EX	WN	LA	
<i>Plant Nomenclature from Manual of Woody Landscape Plants by Michael A. Dirr 2009</i>																		
<i>Sequoiadendron giganteum</i>	Smith'	C	x												x	m-h	x	
<i>Taxodium distichum</i>	Baldcypress																	
<i>Taxodium distichum</i>	Baldcypress - 'Frio River'	C	x													m-h	x	
<i>Thuja occidentalis</i>	Eastern Arborvitae - 'Emerald',	B													x	m-h		More protected area
<i>plicata</i>	Green Giant	B													x	m-h	x	More protected area



AGENDA ITEM SUMMARY

AGENDA ITEM	SUBMITTED BY	PRESENTED BY
Arbor Day Discussion	Karina Gomez	Becca Peter
ACTION REQUESTED		
<p>Management & Staff asks that the Tree Board discuss the annual Arbor Day events at Range View Elementary School and provide feedback and direction.</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Annexation <input type="checkbox"/> Zoning <input type="checkbox"/> Concept Plan <input type="checkbox"/> Final Plat <input checked="" type="checkbox"/> <u>Discussion</u> <input type="checkbox"/> Action 	
BRIEF SUMMARY		
<p>As discussed at upcoming Arbor Day, Management and Staff would like to have a photo contest held at the Elementary school where winners will then be picked by the Tree Board. The winners will get to take part in the groundbreaking ceremony of planting the tree. The tree will be donated by Eaton Grove.</p>		
PUBLIC SUPPORT/CONCERN		
None at this time.		
RECOMMENDATION		
<p>Management & Staff asks that the Tree Board discuss the annual Arbor Day events at Range View Elementary School and provide feedback and direction.</p>		
MATERIALS SUBMITTED		
<p>The following materials were submitted and included in this packet:</p> <ul style="list-style-type: none"> • PowerPoint 		

ARBOR DAY EVENT

2022

Ideas/plans for the event

Have the students at elementary school compete in a poster contest

- We can pick a theme we would like to have this be

Eaton Grove is donating a tree of our choice to be planted at the school

Arbor Week bingo will be presented to the students at the school to take home and do with family

Poster Contest

- One entry per student
- Must be a resident of Severance and/or attend school in Severance
- Must be an original artwork created by a student in K-5th grade
- The poster must relate to the contest theme. All words must be legible and spelled correctly
- Entries may be done in marker, crayon, paint pens, watercolor, oil pastels, ink, acrylic, and colored pencil
- Entries must be done on paper
- The student's name, grade, and contact phone number must be printed on the back of the poster
- 1st, 2nd, and 3rd places will be awarded for the following grades: k-1st, 2nd-3rd, and 4th-5th



Town of Severance

ARBOR DAY

Poster Contest

Winners will get to attend the ground breaking ceremony of the new tree planting!

- One entry per student
- Must be a resident of Severance and/or attend school in Severance
- Must be an original artwork created by a student in K-5th grade
- The poster must relate to the contest theme. "Trees of Severance must be on the poster; all words must be legible and spelled correctly
- Entries may be done in marker, crayon, paint pens, watercolor, oil pastels, ink, acrylic, and colored pencil
- Entries must be done on paper
- The student's name, grade, and contact phone number must be printed on the back of the poster
- 1st, 2nd, and 3rd places will be awarded for the following grades: k-1st, 2nd-3rd, and 4th-5th

Winners will be announced April 29th

All entries need to be turned into Town Hall by April 15th

Winners of the Contest

- Tree board will pick their top 3 from each grade-total of 9
- Winners will be at the ground-breaking ceremony and get to start the dig of the planting
- Winners will get to be in the picture of the donated tree with the tree board



ARBOR DAY BINGO



Take a stroll through Severance Parks to find or complete a task to get a BINGO!

<p>Oak Tree</p> 	<p>Art in the Park</p> 	<p>Birds Nest</p> 	<p>Y shaped Stick</p> 
<p>3 Types of leaves</p> 	<p>Play in the park</p> 	<p>See a dog in the park</p> 	<p>Walk down the GWT</p> 
<p>Read a book under a tree</p> 	<p>Plant a tree at home</p> 	<p>Stroll around Blue Spruce lake</p> 	<p>Count the trees at Overlook Park</p> 
<p>Visit the Community Gardens</p> 	<p>Find out what type of trees you have at home</p> 	<p>Picnic at the Park</p> 	<p>Pick up trash at a park in town</p> 

ARBOR DAY BINGO

PHOTO CONTEST THEME

What is your favorite tree in Severance?

Where is your favorite place to be outside in Severance?

Why are trees important?

Do you have any ideas or thoughts on what you would like this to be?



AGENDA ITEM SUMMARY

AGENDA ITEM	SUBMITTED BY	PRESENTED BY
2022 Work Plan	Karina Gomez	Nicholas J. Wharton, MPA Karina Gomez
ACTION REQUESTED		
<p>Management & Staff asks that the Tree Board discuss the 2022 Work Plan and take action.</p> <ul style="list-style-type: none"> • Actions that may be taken: <ul style="list-style-type: none"> • Move to approve the 2022 Work Plan • Take no action 	<ul style="list-style-type: none"> <input type="checkbox"/> Annexation <input type="checkbox"/> Zoning <input type="checkbox"/> Concept Plan <input type="checkbox"/> Final Plat <input checked="" type="checkbox"/> <u>Discussion</u> <input checked="" type="checkbox"/> <u>Action</u> 	
BRIEF SUMMARY		
<p>As discussed at the last Tree board meeting, Management and Staff are presenting the 2022 Work Plan that contains urban benefits of planting trees, Best Management practices for pruning, trees that were removed and upcoming tree planting projects. The Plan shows locations of plantings and staff recommendations of the plantings. Staff will use this plan as a template of planting projects throughout the spring and summer.</p>		
PUBLIC SUPPORT/CONCERN		
None at this time.		
RECOMMENDATION		
<p>Management and Staff recommend that the Tree Board take action and Approve the Tree Board 2022 Work Plan with any changes and recommendations discussed.</p>		
MATERIALS SUBMITTED		
<p>The following materials were submitted and included in this packet:</p> <ul style="list-style-type: none"> • Tree Board 2022 Work Plan 		

Proposed 2022 Tree City USA Projects

Carryover 2021 Projects

- Lakeview Park: Three (3) trees. One (1) tree could be removed/replaced, the three (3) trees here would need to be shade trees and not Evergreen as not to interfere with the sprinklers in the area.
- Public Works Building: Five (5) trees. These five (5) trees would help as a windbreak along the west side of the retention pond.
- Pump House: Three (3) trees. These three (3) trees will help with the screening of the sprinkler controller from future pedestrian connections which will run to the west as well as park improvements to the south. An additional two (2) more trees could be added to this project.

Proposed 2022 Projects

- 2nd Ave (North of Public Works Building): Along Fence line between sidewalks. 4-6 trees (Ginkgo biloba, Western Catalpa, Large leaf elm, Norway Maple)
- Community Park: Additional Plantings as proposed by Tree Board
- Water Tank Location: 3-4 trees along the east fence (Evergreens)
- Dog Park: 3 trees (2 Evergreens outside fence and 1 Shade tree inside)
- Summit View Park: 4 trees throughout (Mix between Evergreens and Shade)
- Tree Replacements
 - 1 @ Karen Suman
 - 1 @ Blue Spruce (Evergreens)
 - Additional as identified throughout the year



TREE BOARD 2022 WORK PLAN





The Town of Severance strives to promote the overall health and maintenance of trees in our town. Trees are public infrastructure that appreciate as they grow; therefore, it is essential to protect and maintain what we have. Our urban forest provides endless benefits by sequestering and storing carbon, reducing stormwater runoff, energy costs, and heat island effect through shading and producing oxygen. The Town of Severance was awarded Tree City USA status in 2018 and is now in its fourth year as a Tree City USA. The Tree City USA Award Program was created to recognize those communities that effectively manage their public tree resources and strive to heighten the public's awareness of the many benefits that trees provide. Commitment to obtaining the Tree City USA has provided the Town of Severance with a framework for sustained improvement regarding the town's tree care practices.

We want to thank the Town Tree Board for their guidance and helping us achieve our goals as a town and for giving their time to help our community. The sharing of ideas and concepts that coincide with the Tree Board's participation will help ensure that Severance remains at the forefront of the community for years to come.

Sincerely,

Town Management and Staff



Tree Pruning Best Management Practice

Pruning Schedule -The maintenance pruning schedule shall be dictated by tree species, age, function, and placement.

- Trees less than 7 years old should receive structural pruning on an annual or biennial basis.
- Trees 7-20 years old should receive structural pruning every two to five years.
- Trees 20 years old and older receive maintenance pruning every five to seven years to clean dead, diseased, dying, and defective branches from the crown.
- Trees adjacent to roadways, walkways, and signs are annually inspected for safety and clearance issues and maintenance pruned as necessary.

Pruning Practices - To encourage the development of a strong, healthy tree, the following guidelines shall be followed when pruning.

General Pruning shall not be conducted without a clear objective or outcome.

- Prune first for safety, next for health, and finally for aesthetics.
- When removing branches, the pruning cut shall not damage the branch bark ridge and branch collar.
- Heading cuts should not be used except in storm response and crown restoration procedures.
- Cleaning thinning shall be performed to remove dead, diseased, dying, and defective branches, which reduces hazards, promotes, health, and improves appearance.
- Assess how a tree will be pruned from the top down. Ideally, lateral branches should be evenly spaced on the main stem of young trees.
- Remove any branches that rub or cross another branch. Make sure that lateral branches are no more than one-half to three-quarters of the diameter of the main stem to discourage the development of co-dominant stems.
- Do not remove more than one-quarter of the living crown of a tree at one time. If it is necessary to remove more, do it over successive years.
- Remove basal sprouts and vigorous epicormic sprouts.
- Make the pruning cut at a lateral branch that is at least one-third the diameter of the stem to be removed. If it is necessary to remove more than half of the foliage from a branch, remove the entire branch.



Parks and Town Grounds Maintenance

The Parks Program is ultimately responsible for determining the maintenance needs of trees, shrubs, and flowers within the parks system. Inspections will be done on a periodic basis to establish maintenance needs for the Program's annual work plan. Work will be scheduled as staffing and budgetary constraints permit. Maintenance needs will be determined according to the existing health and projected viability of each plant and routine park inspections are performed every week or as needed to check for damage or other problems. Work is performed as required to correct these situations. Any damage resulting from vandalism is reported to the Police Department for investigating and photographs are taken if appropriate.

The Town Arborist performs these routine maintenance tasks and may request support and assistance from additional park staff:

- Pruning/Removal - small trees, shrubs, hedges
- Watering - supplemental as needed by stressed or non-established plants
- Planting - as need is determined
- Herbicide Application - to maintain a vegetation-free zone around plants
- Mulching - to protect new plants and in shrub beds
- Staking/Wrapping - to protect young or recently transplanted trees

*Major trimming/removal and insect/disease control is contracted to private firms. Contracts are administered by the Public Works Director.



2022 Planting Projects

As directed by the Town of Severance Tree Board, the Parks Program will focus on completing the following planting projects for 2022.



1. Lakeview Park: Three (3) trees.
2. Public Works Building: Five (5) trees.
3. Pump House: Three (3) trees.
4. 2nd Ave (North of Public Works Building): Along Fence line between sidewalks. 4-6 trees
5. Community Park: Additional Plantings as proposed by Tree Board
6. Water Tank Location: Three (3) trees.
7. Dog Park: Three (3) trees.
8. Summit View Park: Four (4) trees.
9. Tree Replacements
 - a. One (1) Tree @ Karen Suman
 - b. One (1) Tree @ Blue Spruce
 - c. Additional trees as identified throughout the year



Lakeview Park



The existing trees at Lakeview Park would be replacing Ash trees cut down in 2020. The Southside of the park is in a flood plain and these trees would not need much water, allowing for staff to reduce sprinklers by half in the southeast corner. These trees would additionally help as a windbreak from the dog park and help with the natural drainage that spills into the park.



Public Work Building



Five medium-sized Evergreens (Pinion pines or Spruces) would be planted inside the west fence at public works to help provide a windbreak from the West. These trees will also help with the erosion on the west side of the drainage basin. The trees will also help the public works area have a reduced heat island effect on the surrounding area and reduce the heat given off by the building and asphalt millings. In the future, the trees will add shade to the tremendous western path to the West in the mornings.



Community Park Pump House



Trees will help with the screening of the sprinkler controller from future pedestrian connections, which will run to the west and park improvements to the south. Additional trees in the area will add to the natural feel allowing for the transition from active park space to passive park space adjacent to the reservoir. These trees will provide shade for the generator and control boxes to help with sun damage.



**2nd Ave
(North of Public Works Building)**



Trees on the north side of public works will be a windbreak to help eliminate dust and debris. The trees will also help the public works area have a reduced heat island effect on the surrounding area and reduce the heat given off by the building and asphalt millings.



Community Park



TBD:



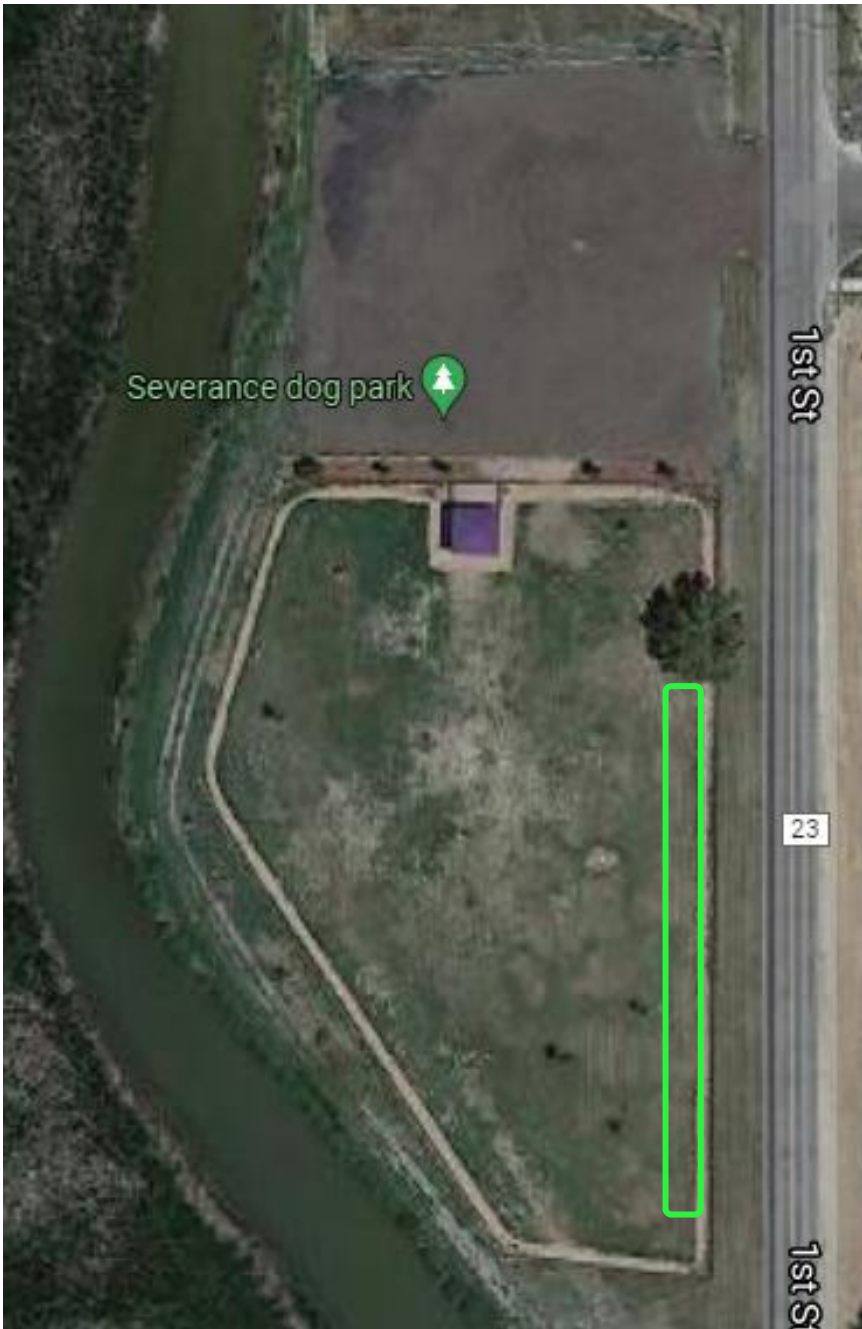
Water Tank Location



Plant three trees along the south side of the fence to create a natural landscape view for the residents. To help with snowdrifts and start building a more division outline of the water tank location. (A third water tank is set to be installed.)



Dog Park



We would be adding three trees to the east side to provide shade and help with snowdrifts in the winter and cool down the dog park. The trees would provide residents and their dogs more privacy from oncoming traffic on 1st Street.



Summit View Park



Planting four trees to the north of Summit View Park will increase the shade throughout the summer. The trees at Summit View Park would be near the pavilion and the playground providing shade through the summer. The two trees would help with the snowdrifts at the park in the winter.



Tree Replacements

1. On (1) Tree @ Karen Suman
2. One (1) Tee @ Blue Spruce
3. Additional Trees as identified throughout the year