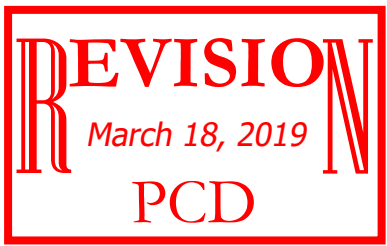


**City of Shoreline Tree Removal and Replacement Summary**  
12/6/2018 DRAFT



City of Shoreline Tree Replacement Criteria					
Tree Type	Number of Trees Removed	Replacement Ratio (x:1) <sup>1</sup>	Replacement Trees Required	Contingency (5%)	Total Trees Required with Contingency
Conifers 8-11" dbh	55	1	55	3	58
Conifers 12-15" dbh	60	2	120	6	126
Conifers >15" dbh	99	3	297	15	312
<b>Total Conifers (excludes WSDOT right-of-way - see table below)</b>	<b>214</b>		<b>472</b>	<b>24</b>	<b>496</b>
Deciduous Trees 12-15" dbh	36	1	36	2	38
Deciduous Trees 16-18" dbh	25	2	50	3	53
Deciduous Trees >18" dbh	76	3	228	11	239
<b>Total Deciduous (excludes WSDOT right-of-way - see table below)</b>	<b>137</b>		<b>314</b>	<b>16</b>	<b>330</b>

WSDOT in City of Shoreline Tree Replacement Criteria					
Tree Type	Number of Trees Removed	Replacement Ratio (x:1) <sup>1</sup>	Replacement Trees Required		
Conifers 8-11" dbh	151	1	151		
Conifers 12-15" dbh	179	2	358		
Conifers >15" dbh	324	3	972		
<b>Total Conifers (excludes WSDOT right-of-way - see table below)</b>	<b>654</b>		<b>1481</b>		
Deciduous Trees 12-15" dbh	44	1	44		
Deciduous Trees 16-18" dbh	23	2	46		
Deciduous Trees >18" dbh	42	3	126		
<b>Total Deciduous (excludes WSDOT right-of-way - see table below)</b>	<b>109</b>		<b>216</b>		

City of Shoreline Tree Removals and Replacements	
City of Shoreline (private parcels and right-of-way)	Qty
Conifers Removed (>=8" dbh)	214
Replacement Conifers Required	496
Conifers Installed <sup>2</sup>	1625
Deciduous Trees Removed (>=12" dbh)	137
Replacement Deciduous Trees Required	330
Deciduous Trees Installed <sup>2</sup>	341
WSDOT Right-of-Way within City of Shoreline limits <sup>3</sup>	Qty
Conifers Removed (>=8" dbh)	654
Replacement Conifers Required	1481
Conifers Installed	542
Deciduous Trees Removed (>=12" dbh)	109
Replacement Deciduous Trees Required	216
Deciduous Trees Installed	224
Total Tree Removals and Replacements	Qty
Conifers Removed (>=8" dbh)	868
Replacement Conifers Required	1977
Conifers Installed <sup>2</sup>	2167
Deciduous Trees Removed (>=12" dbh)	246
Replacement Deciduous Trees Required	546
Deciduous Trees Installed <sup>2</sup>	565
<b>Total Trees Removed</b>	<b>1114</b>
<b>Total Trees Installed<sup>2</sup></b>	<b>2732</b>

See table above  
Includes contingency, see table above

See table above  
Includes contingency, see table above

Non-Native Trees  
Planted                      Total trees planted  
1388                              4120

Native Conifer Symbols  
Native Conifer in mixes

Native deciduous Symbols  
Native deciduous in mixes

Native conifers

Native deciduous

City of Shoreline (private parcels and right-of-way)				
L200 Corridor	L200 ECAs	L200 Stations	L300 Corridor	L300 ECAs
309		45		
732				
<b>1041</b>	539	45	0	<b>0</b>
143		53		
145				
<b>288</b>	0	53	0	
WSDOT right-of-way in Shoreline city limits				
<b>184</b>	0	4	<b>172</b>	<b>182</b>
<b>92</b>	0	7	<b>48</b>	<b>77</b>

non Conifer Symbols  
non Conifer in mixes

non deciduous Symbols  
non deciduous in mixes

non conifers

non deciduous

City of Shoreline (private parcels and right-of-way)				
L200 Corridor	L200 ECAs	L200 Stations	L300 Corridor	L300 ECAs
0		157	0	
0			0	
<b>0</b>	0	157	0	<b>0</b>
51		132		
0				
<b>51</b>	0	132	0	
WSDOT right-of-way in Shoreline city limits				
		15	0	
			76	
<b>705</b>	0	15	<b>76</b>	<b>0</b>
		20	0	
<b>184</b>	0	20	<b>48</b>	<b>0</b>

PERCENTAGE OF TREES REMOVED AND REPLACED IN CITY OF SHORELINE PRIVATE PARCELS AND ROW		
Deciduous	Conifer	
39%	61%	Removed
17%	83%	Replaced

PERCENTAGE OF TREES REMOVED AND REPLACED IN WSDOT ROW		
Deciduous	Conifer	
14%	86%	Removed
29%	71%	Replaced

TOTAL PERCENTAGE OF TREES REMOVED AND REPLACED		
Deciduous	Conifer	
22%	78%	Removed
21%	79%	Replaced

PERCENTAGE OF TREES RETAINED WITHIN SHORELINE		
TREES REMOVED	TREES RETAINED	% RETAINED
1114	668	37%

**NOTES:**  
<sup>1</sup> Assumes landmark trees removed will be replaced at a 3:1 ratio.  
<sup>2</sup> Only trees native to the Pacific NW are counted as replacements. (SMC 20.50.360.C.4) Replacement trees will be planted per SMC 20.50.360.C