

Ballard Ave Flexible Porous Surface Treatment

Description

This application is a request to upgrade the condition of 34 tree pits through the installation of flexible porous surface treatment (FPST) as part of the Ballard Ave Mobility and Access Improvements project. All tree pits fall within SDOT owned public right-of-way, specifically between the sidewalk and curb.

The installation of the FPST will increase usable surface on the sidewalk, increase pedestrian safety, and increase aesthetics. FPST is a water pervious pour-in-place polymer material that is flexible, resilient, and eco-friendly. SDOT has been installing this material for over 5 years and has found exceptional versatility and demonstrated durability. The main effect this project will have on the public right-of-way is increased safety and improved aesthetics. FPST is safer and more visually appealing than lifted tree-grates, gravel, or wood chips.

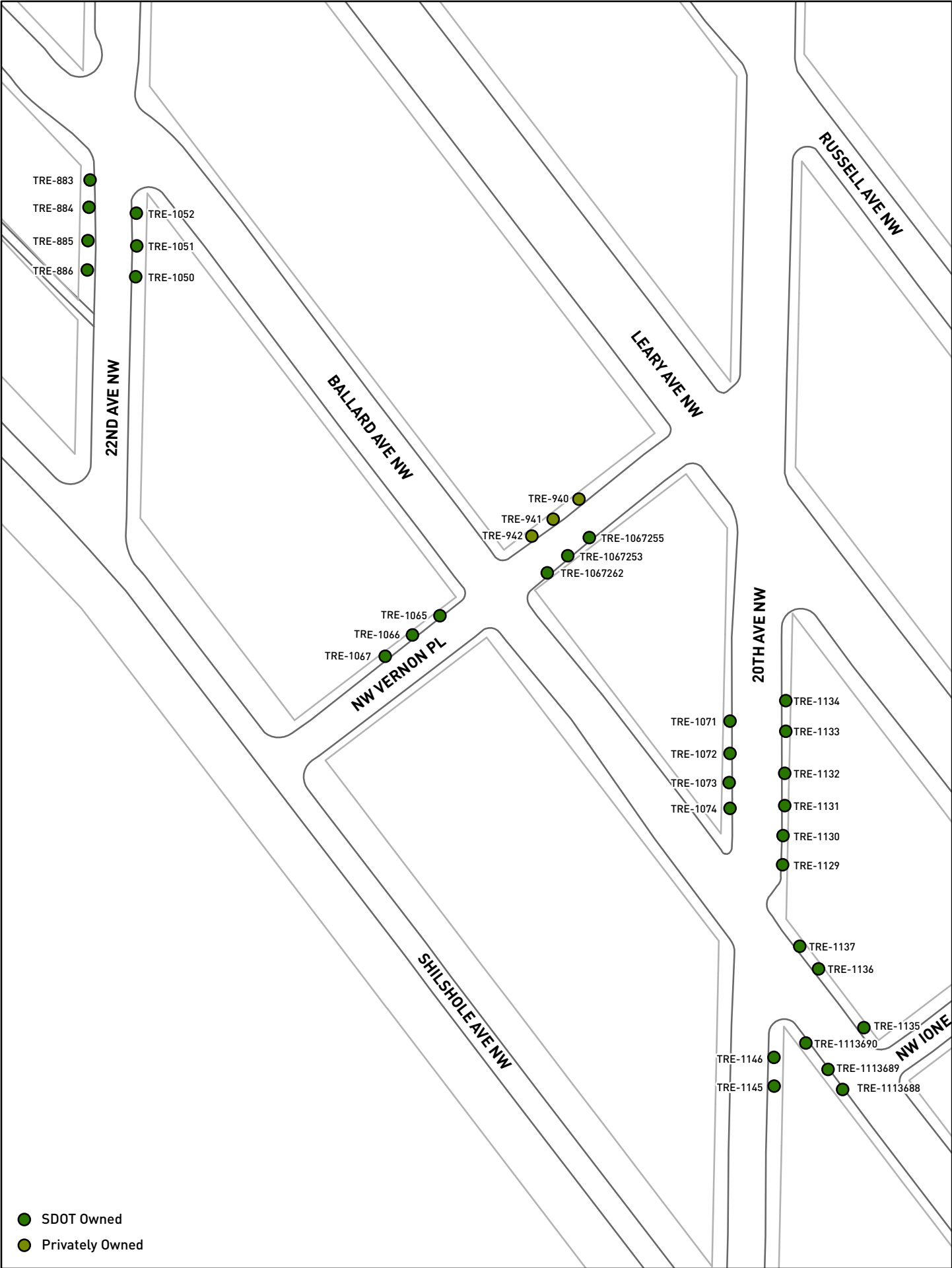
As previously discussed, "Dark Gray" (as seen in the images below) is the recommended color for the Ballard Ave Landmark District.



"Dark Grey" FPST Color Sample



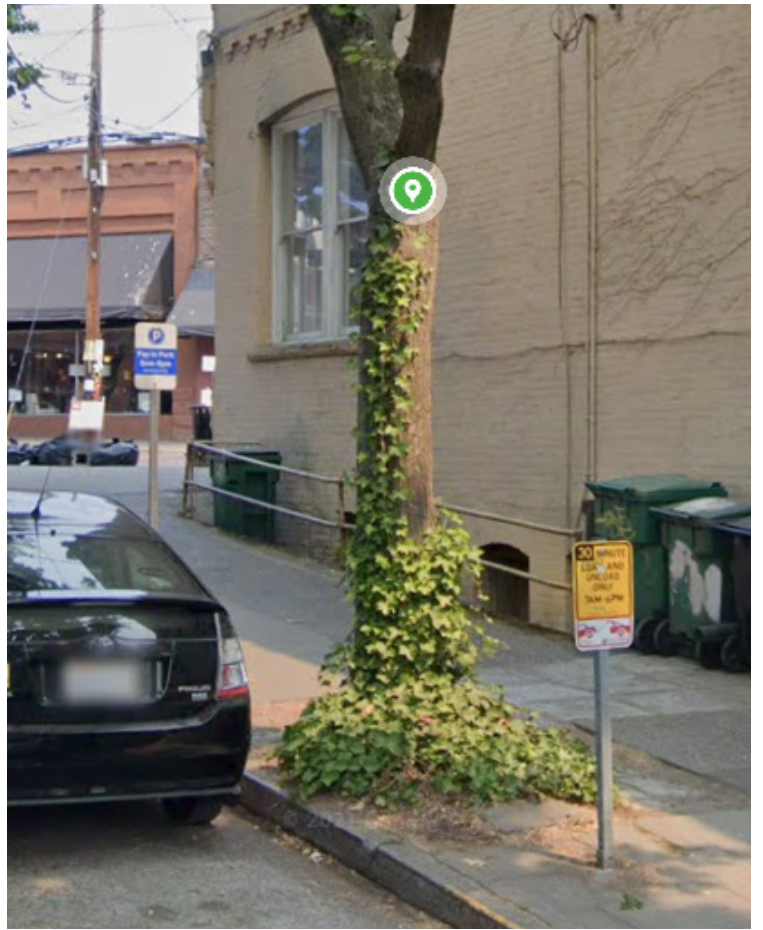
Installed "Dark Gray" FPST



- SDOT Owned
- Privately Owned



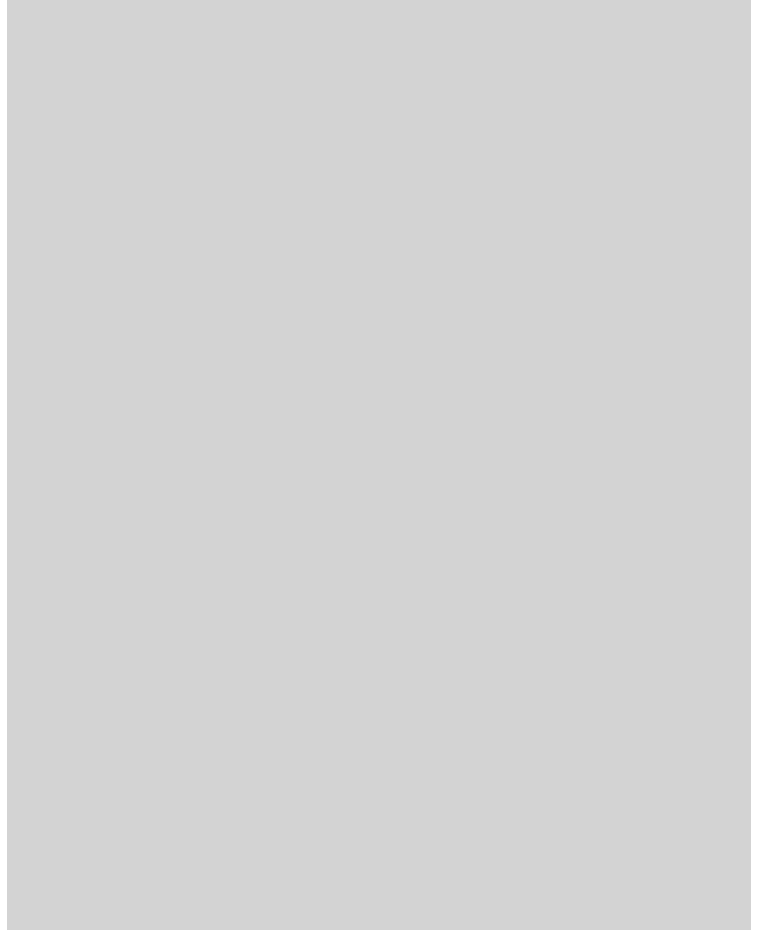
TRE-1052



TRE-1051



TRE-1050



TRE-940

Ballard Ave Flexible Porous Surface Treatment - Existing Conditions

Proposed Tree Pit Upgrade Locations - Privately Owned

TREE ID	APPROXIMATE ADDRESS	SCIENTIFIC NAME
TRE-940	5300 BALLARD AVE NW	Quercus palustris
TRE-941	5300 BALLARD AVE NW	Quercus palustris
TRE-942	5300 BALLARD AVE NW	Quercus palustris

Proposed Tree Pit Upgrade Locations - SDOT Owned

TREE ID	APPROXIMATE ADDRESS	SCIENTIFIC NAME
TRE-1050	5349 BALLARD AV NW	Quercus palustris
TRE-1051	5349 BALLARD AVE NW	Quercus palustris
TRE-1052	5345 BALLARD AVE NW	Quercus palustris
TRE-1065	5301 BALLARD AVE NW	Quercus palustris
TRE-1066	5301 BALLARD AVE NW	Quercus palustris
TRE-1067	5301 BALLARD AVE NW	Quercus palustris
TRE-1067253	5301 LEARY AVE NW	Quercus palustris
TRE-1067255	5301 LEARY AVE NW	Quercus palustris
TRE-1067262	5301 LEARY AVE NW	Quercus palustris
TRE-1071	5009 20TH AVE NW	Quercus rubra
TRE-1072	5200 BALLARD AVE NW	Quercus palustris
TRE-1073	5200 BALLARD AVE NW	Quercus palustris
TRE-1074	5200 BALLARD AVE NW	Quercus palustris
TRE-1113688	5129 BALLARD AVE NW	Acer griseum
TRE-1113689	5129 BALLARD AVE NW	Acer griseum
TRE-1113690	5129 BALLARD AVE NW	Acer griseum
TRE-1129	5006 20TH AVE NW	Quercus palustris
TRE-1130	5006 20TH AVE NW	Quercus shumardii
TRE-1131	5100 20TH AVE NW	Quercus rubra
TRE-1132	5104 20TH AVE NW	Quercus palustris
TRE-1133	5227 LEARY AVE NW	Quercus palustris
TRE-1134	5227 LEARY AVE NW	Quercus palustris
TRE-1135	5130 BALLARD AVE NW	Acer x Freemanii `Armstrong`
TRE-1136	5136 BALLARD AVE NW	Acer x Freemanii `Armstrong`
TRE-1137	5140 BALLARD AVE NW	Acer x Freemanii `Armstrong`
TRE-1145	5135 BALLARD AVE NW	Quercus shumardii
TRE-1146	5135 BALLARD AVE NW	Quercus shumardii
TRE-883	5401 BALLARD AVE NW	Quercus rubra
TRE-884	5407 BALLARD AVE NW	Quercus rubra
TRE-885	5317 22ND AVE NW	Quercus rubra
TRE-886	5317 22ND AVE SW	Quercus rubra

Ballard Ave Flexible Porous Surface Treatment - Color Sample

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Installed "Dark Gray" FPST