

Aubrey Davis Park Trail Safety Improvements 30% Design Recommendation



Mercer Island Parks and Recreation Commission

January 5, 2023

Timeline Review

2020

PRC takes up project,
scope of work drafted

PRC recommends scope
of work to City Council

2021

Consultant selection
and contracting

Design begins

Project open house
and online survey

2022

Draft 30% design
review by PRC

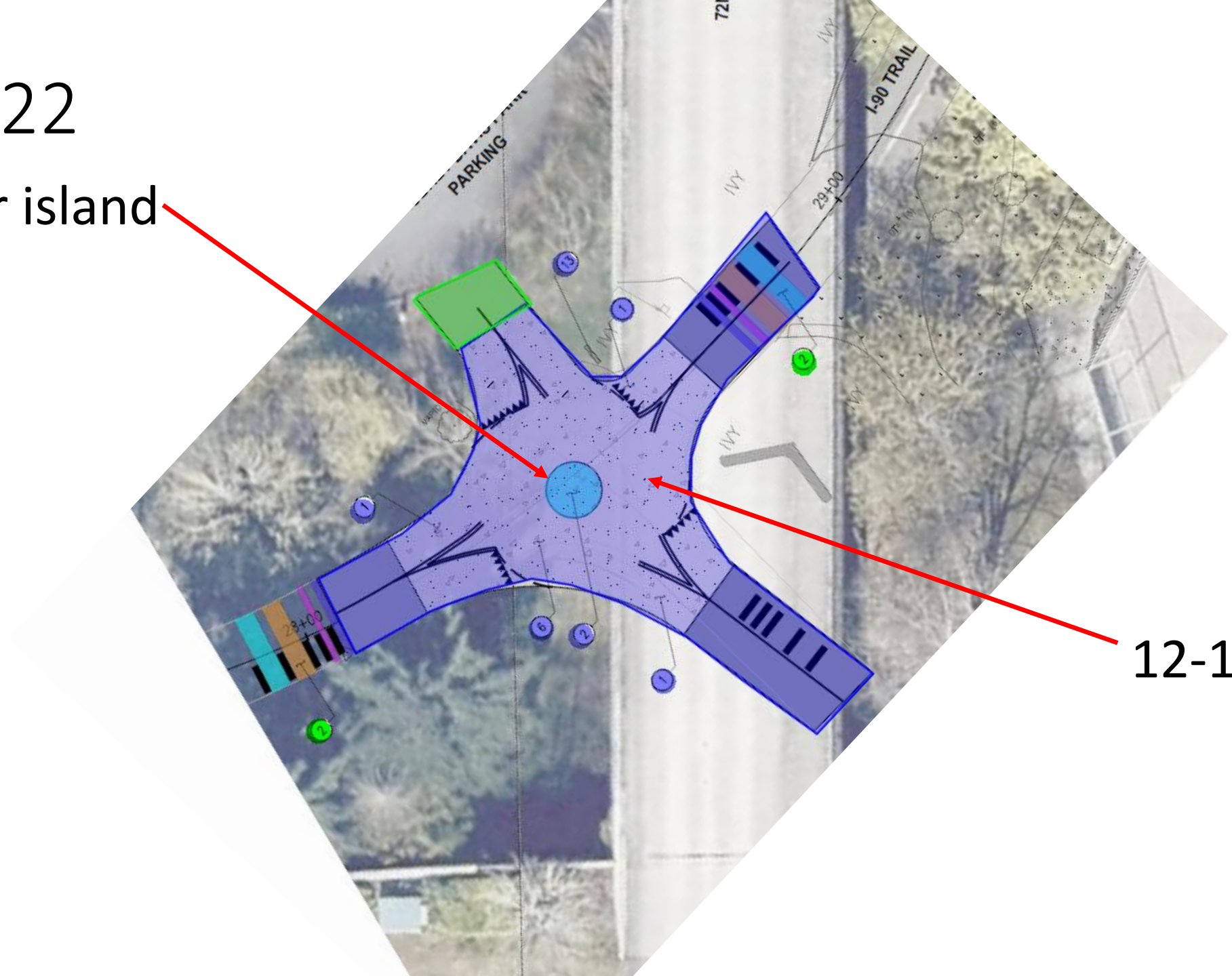
WSDOT Review of
30% Design

Timeline Review – The Roundabout

- June 2022: First draft of 30% design
- July 2022: Revised 30% design; center island enlarged with planted center to encourage additional traffic calming
- September 2022: 30% second revision; circular path width increased to 10 feet, center island returned to textured paved surface

June 2022

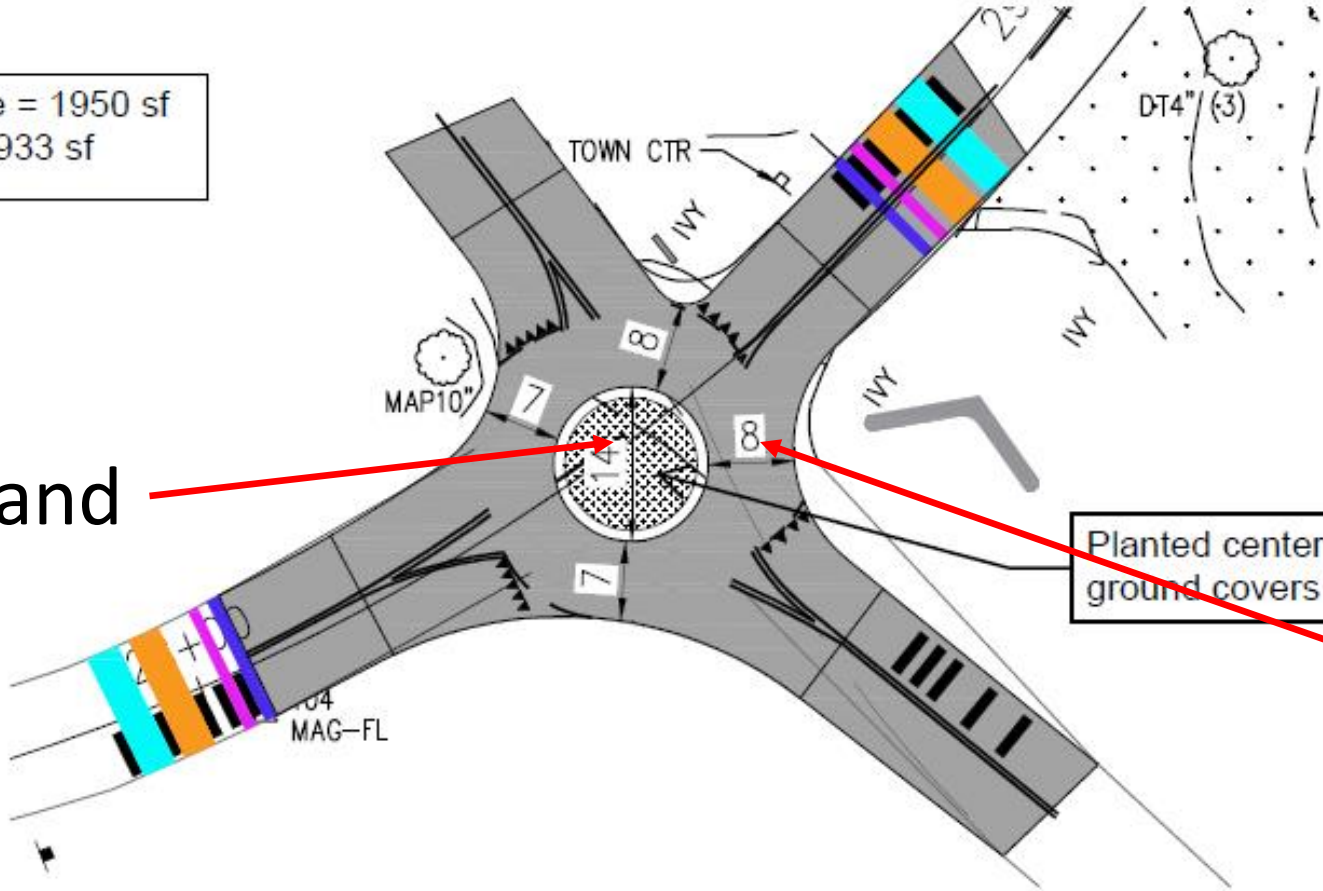
8' diameter island



12-13' trail

July 2022

Total removed hard surface = 1950 sf
Total new hard surface = 1933 sf



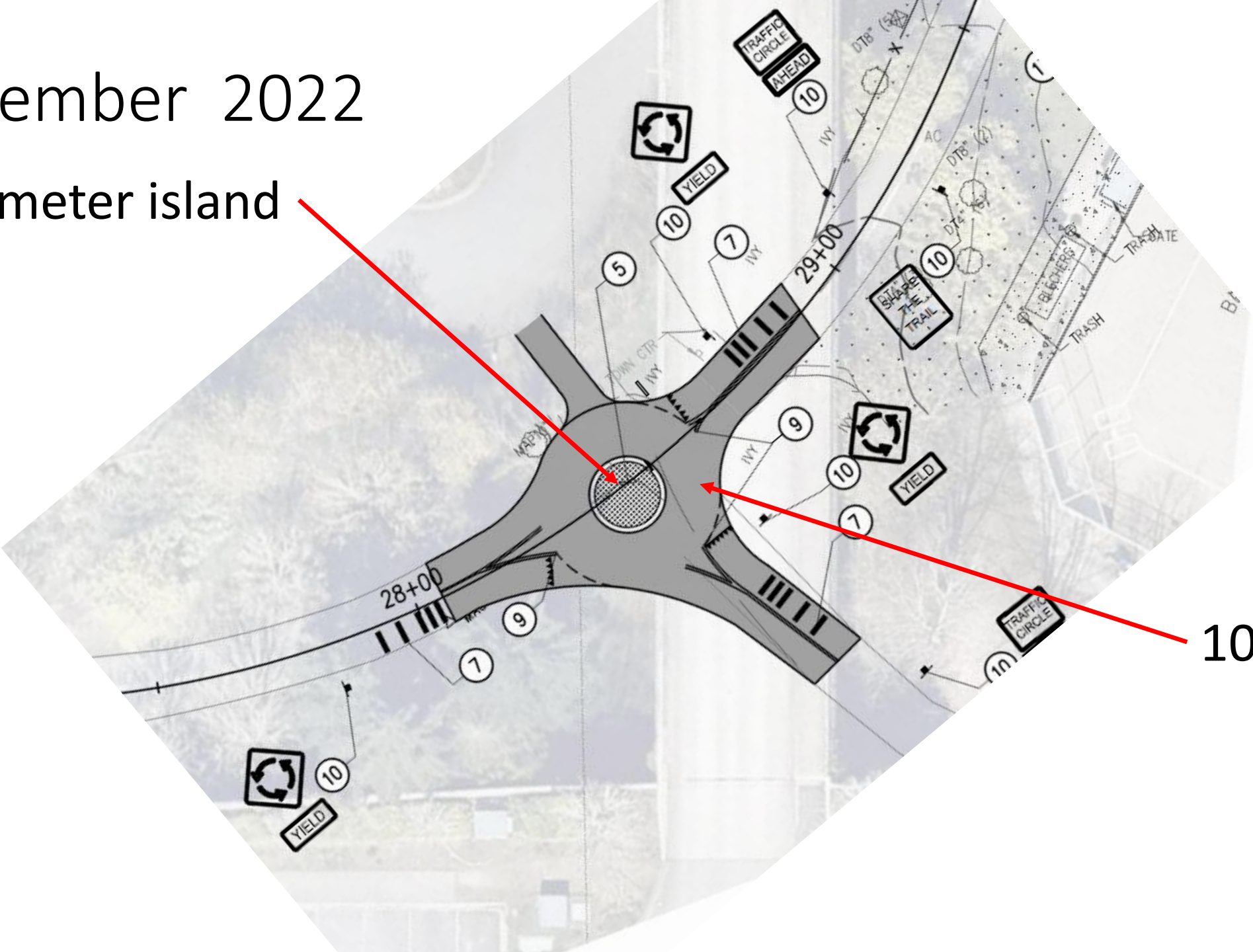
14' diameter island

Planted center circle. low ground covers <3' height

7-8' trail

September 2022

14' diameter island



10' trail

WSDOT review meetings

- Roundabout Design
- Signs and Striping
- Plaza Area



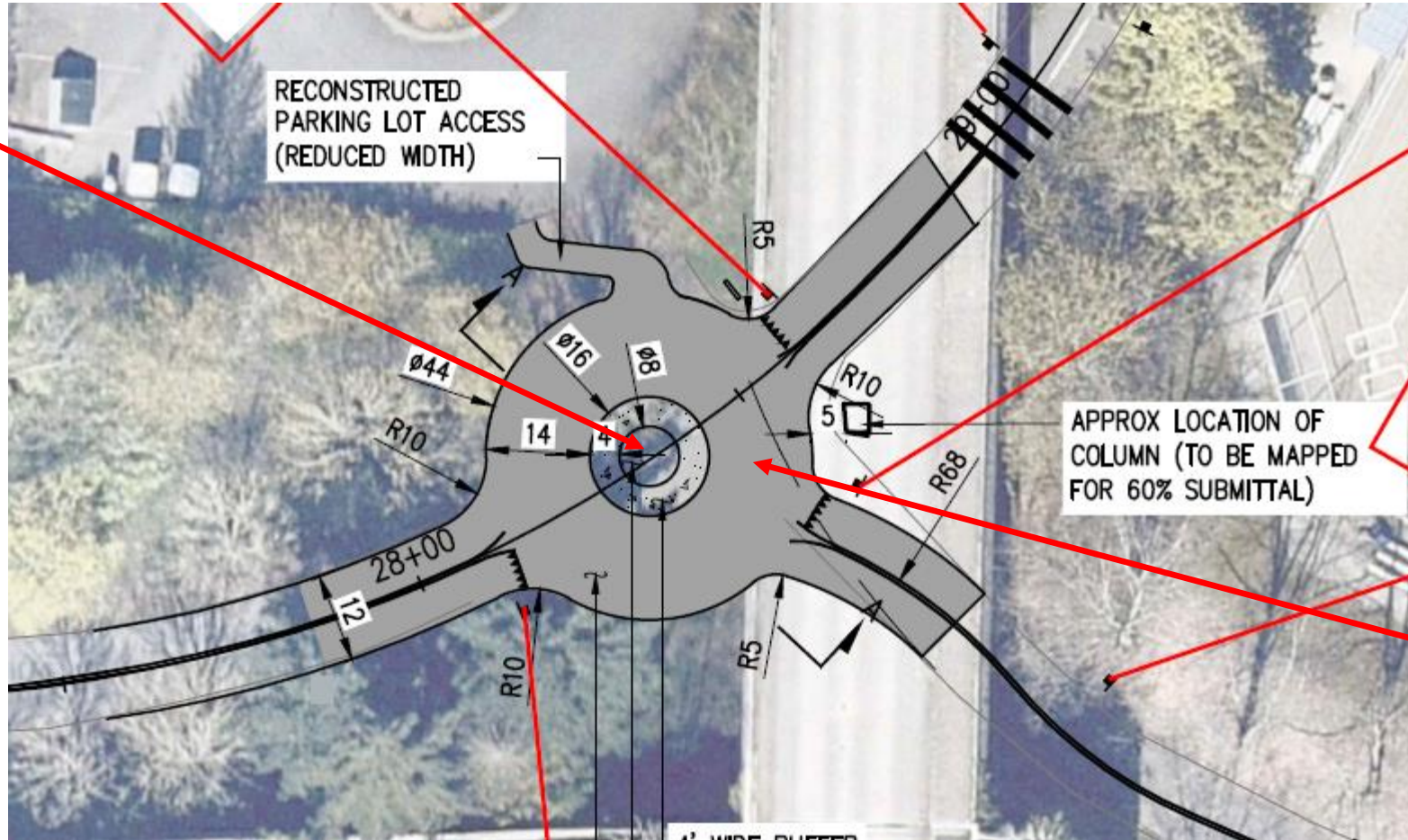






Jan 2022 Option 1

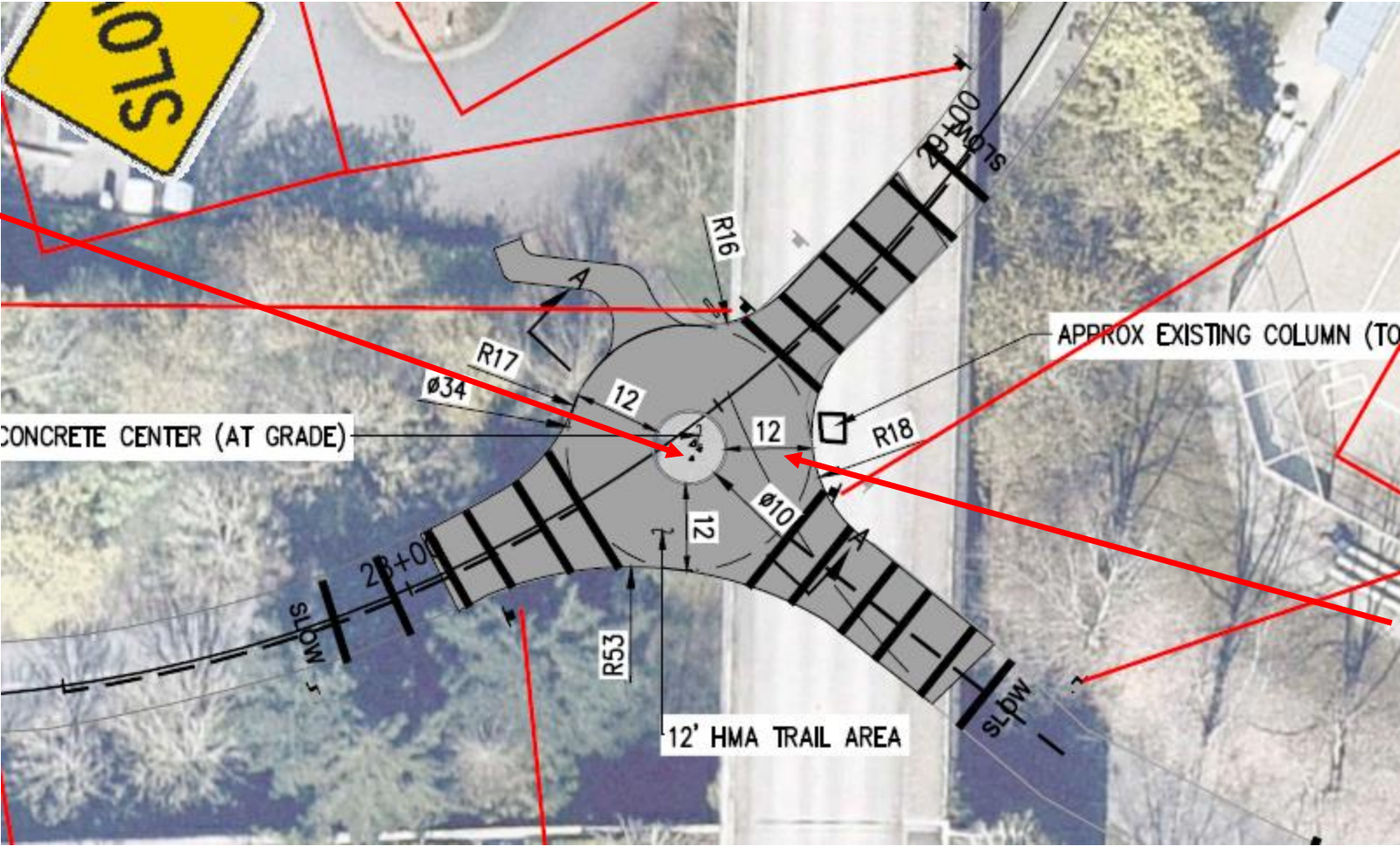
12' diameter island



14' trail

Jan 2022 Option 2

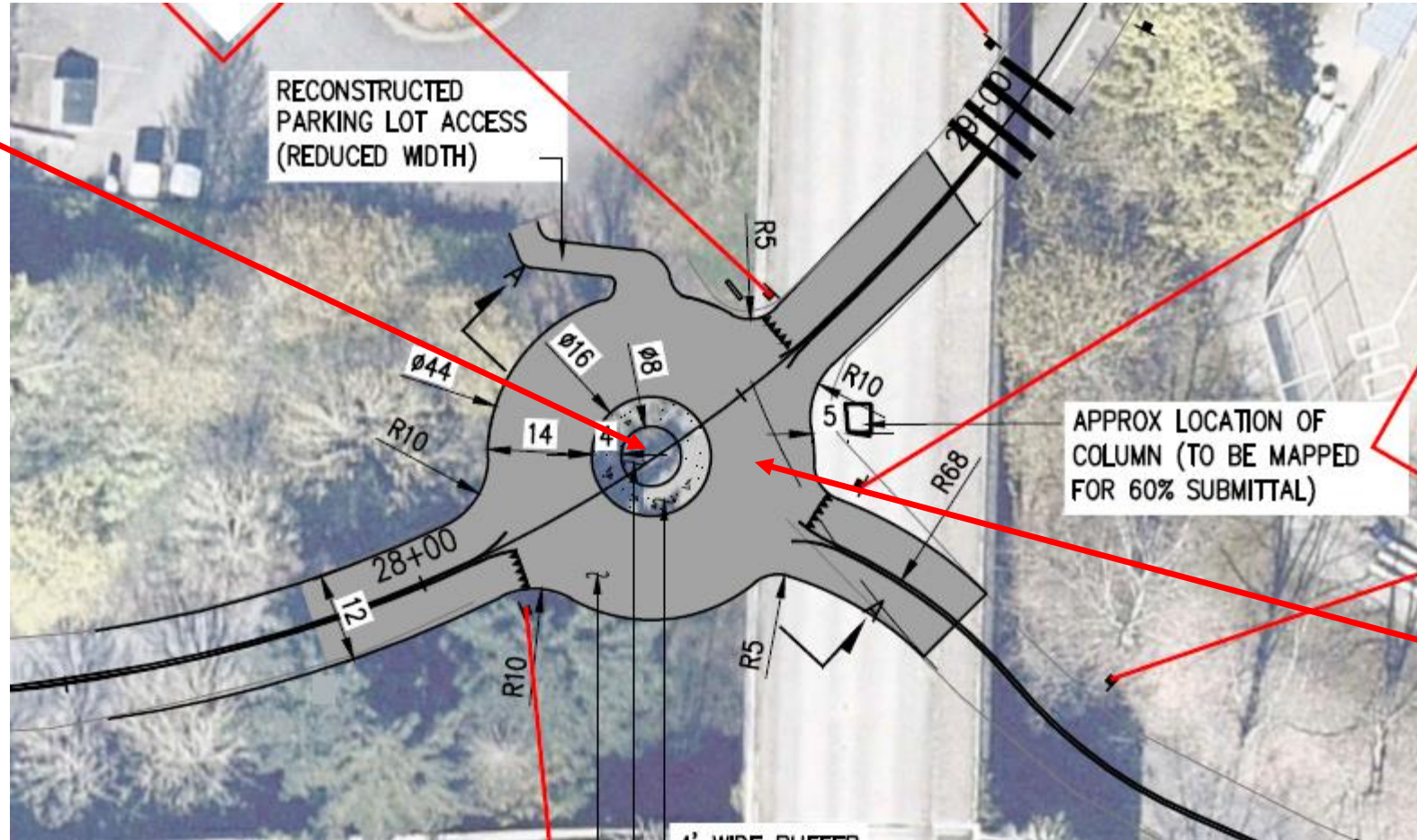
10' diameter island



12' trail

Jan 2022 Option 1

12' diameter island



14' trail

	Size of Paved Area	Percentage Increase From Existing	Percentage Difference from Option 2
Option 1: 44' Roundabout	2669 square feet	+34%	+23%
Option 2: 34' Roundabout	2169 square feet	+16%	0

