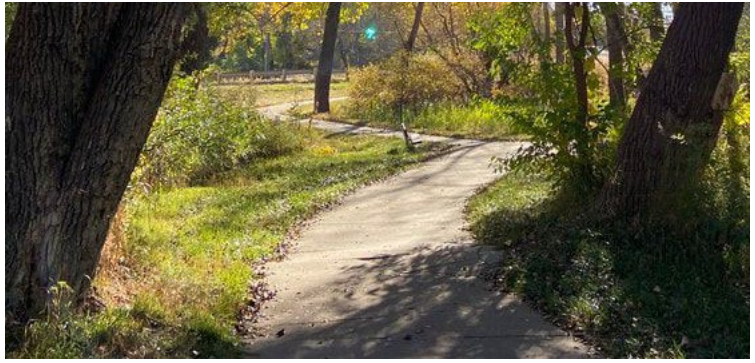
Tree Canopy along the Causeway

EXISTING	PROPOSED
➢ Poor growing conditions = stunted growth	➢ Better growing conditions for all tree plantings = deeper, wider soil
➢ Within existing shoreline revetment (rocks)	➢ Terrace Support System under path for additional root space without heaving path
➢ Providing minimal shading to path users	➢ Tree Trenches to capture stormwater for street = passive irrigation, improved water quality
➢ Do not provide barrier between path & roadway	➢ Grove-style tree plantings for dense canopy
➢ Not optimal species	➢ Trees between path & roadway to provide barrier, slow vehicle traffic = urbanize corridor

Pathway Alignment

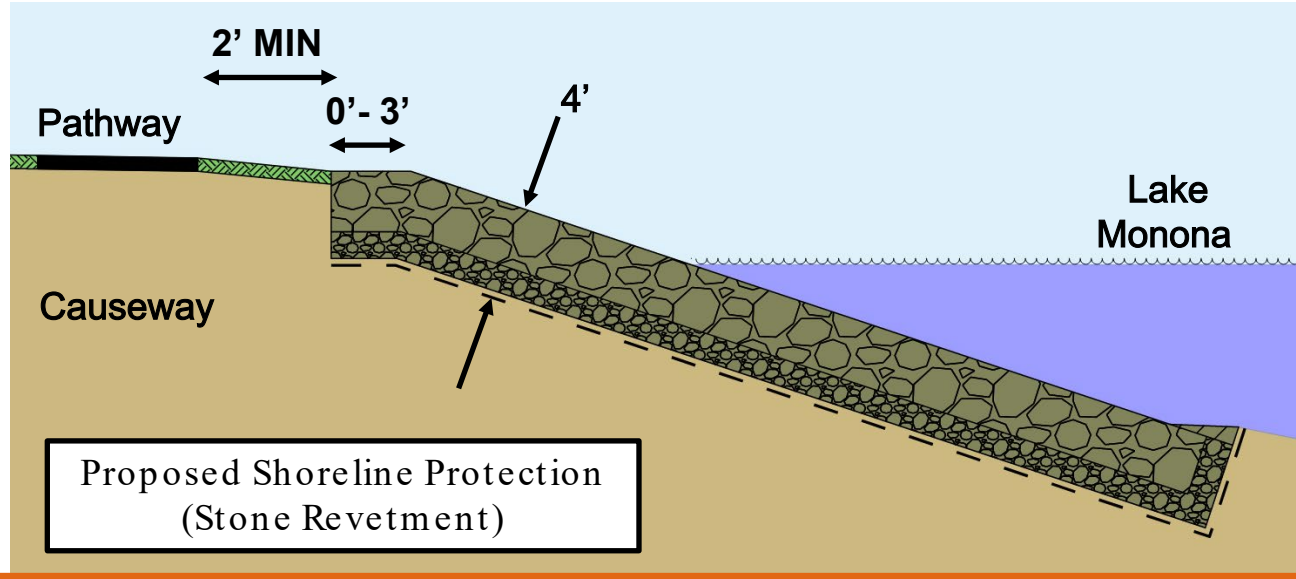
Existing Condition and Strategy



Trees (Removal, Prevention, & Replanting)

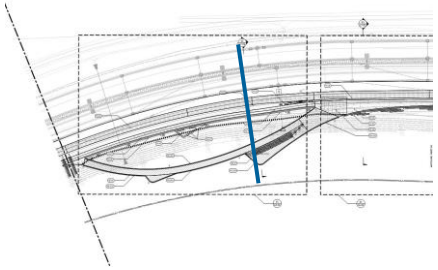
Existing Causeway Trees

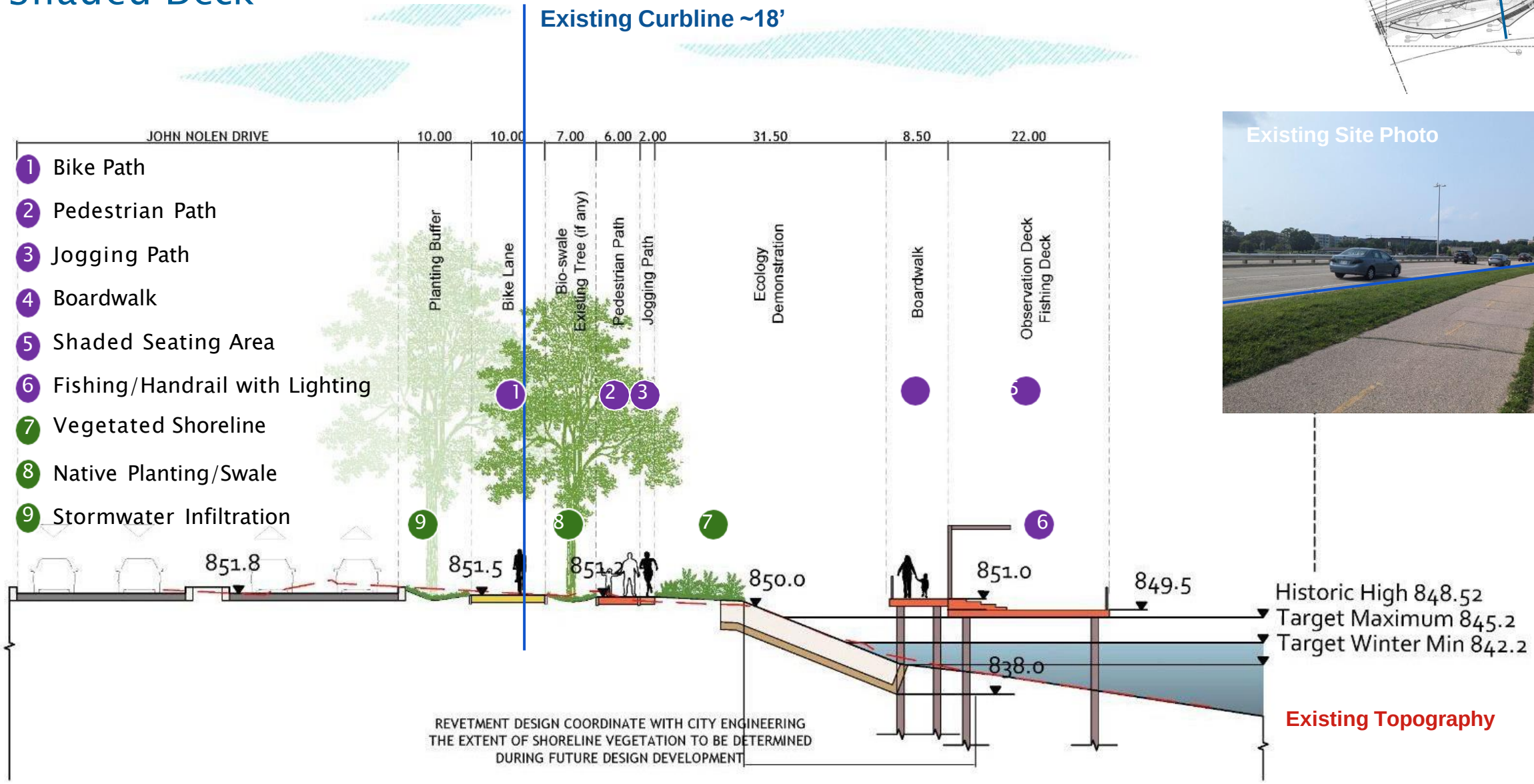
Existing Pathway Near Monona Terrace



Boardwalks Section 2

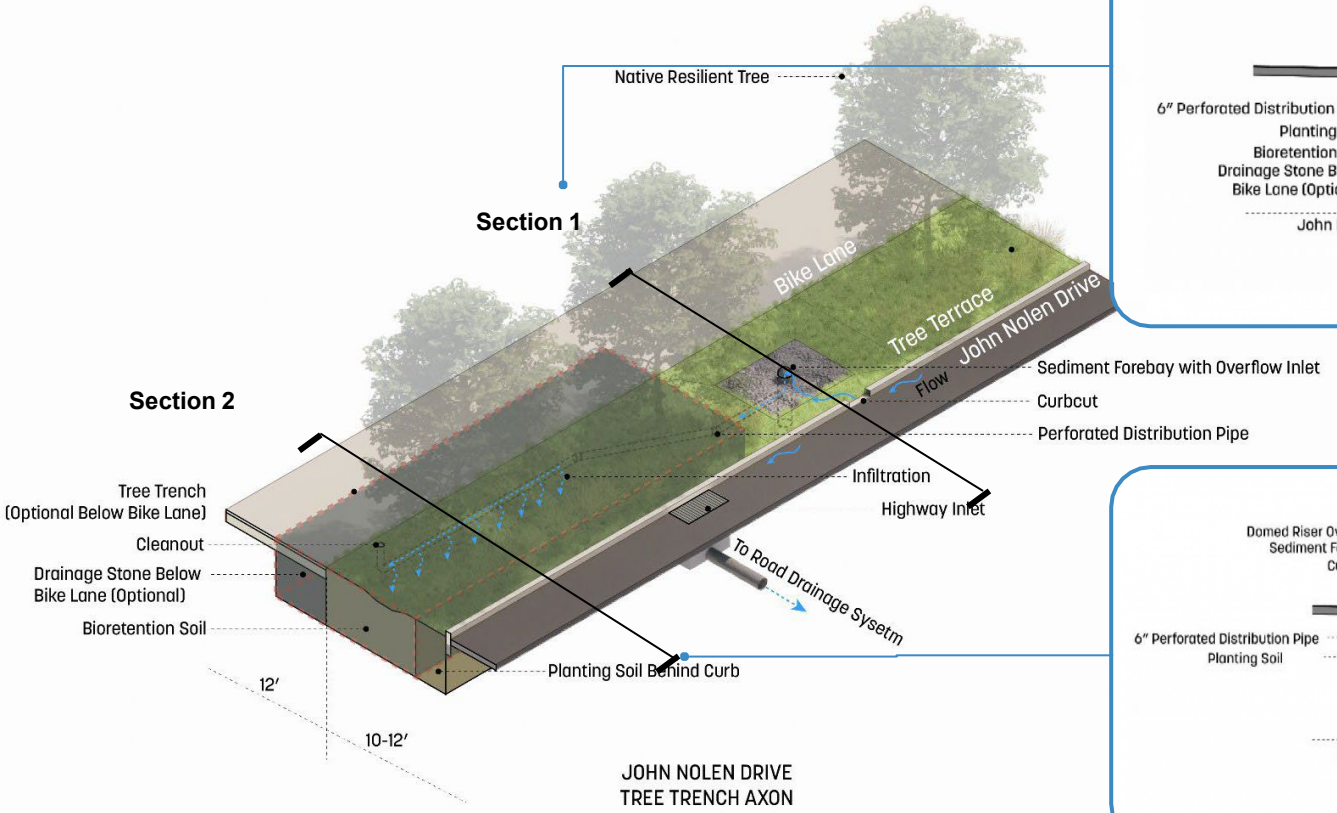
Shaded Deck



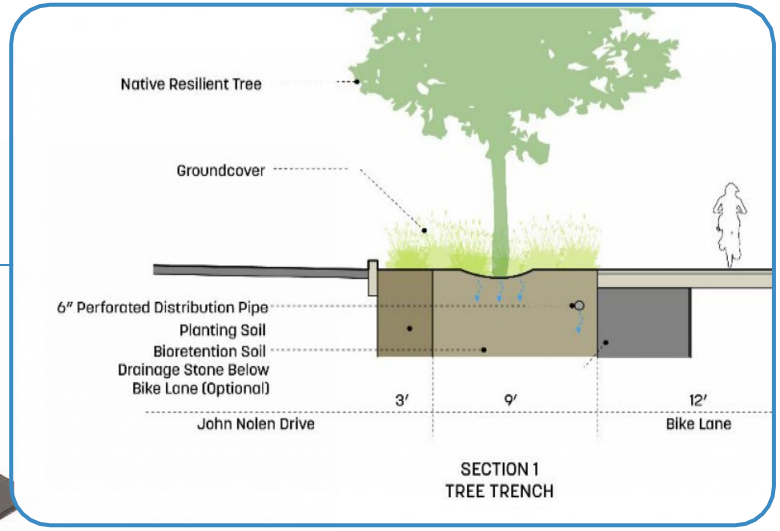


Stormwater Strategy

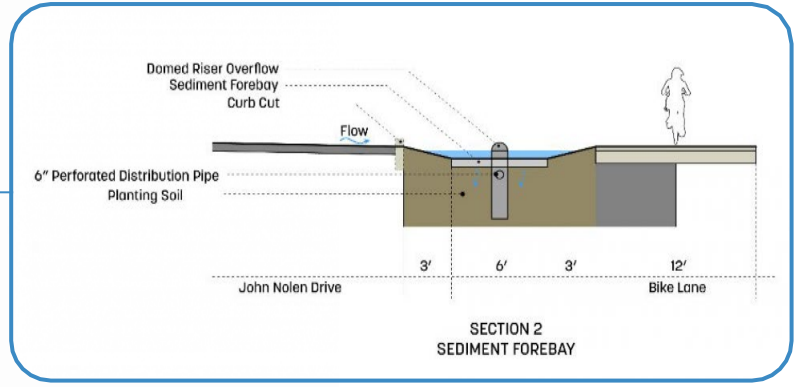
Collaboration with Forestry, JND Reconstruction



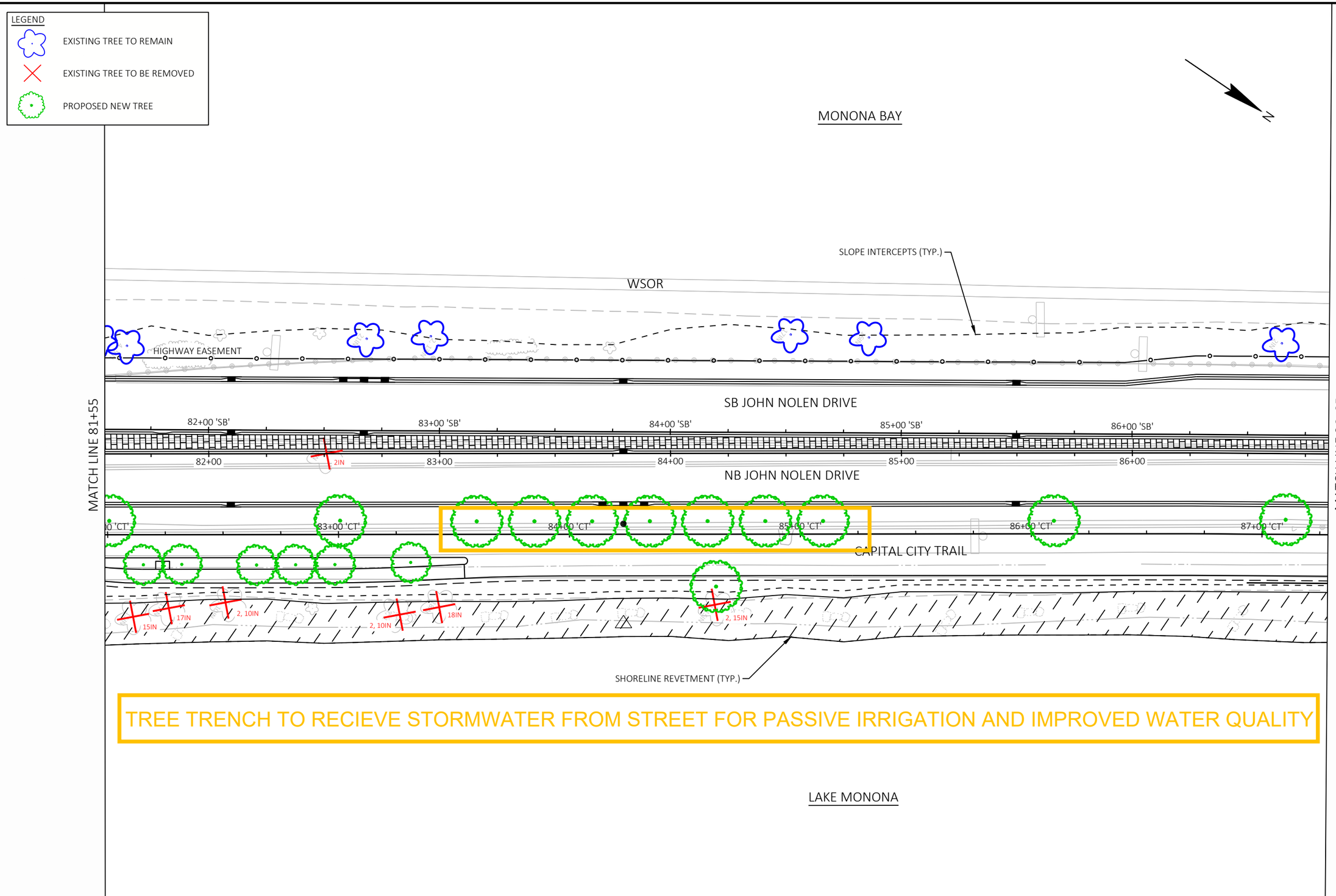
JOHN NOLEN DRIVE
TREE TRENCH AXON



SECTION 1
TREE TRENCH

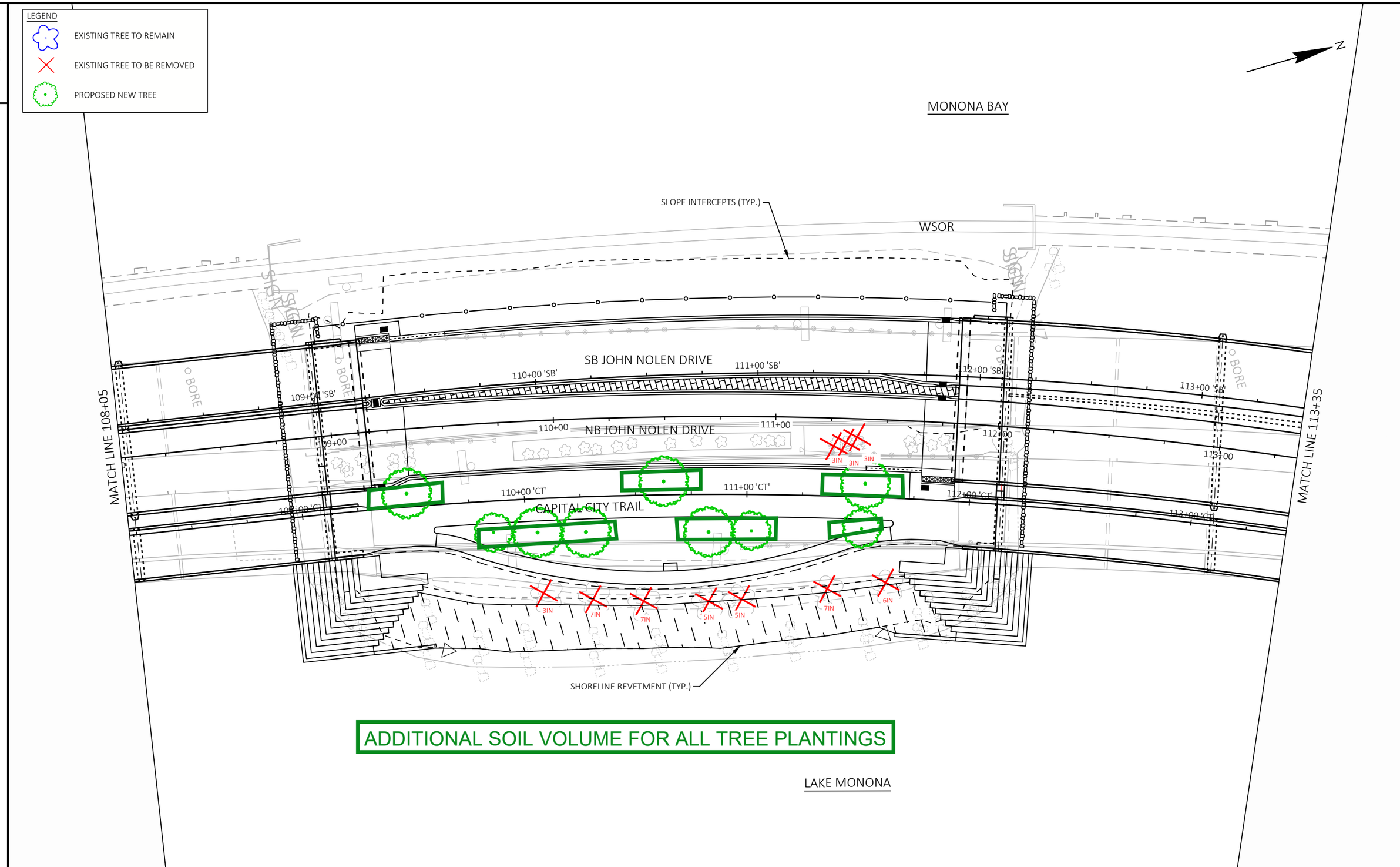


SECTION 2
SEDIMENT FOREBAY



2

PROJECT NO: 5992-11-21, -28	HWY: JOHN NOLEN DRIVE	COUNTY: DANE	TREE PLAN	SHEET	E



ADDITIONAL SOIL VOLUME FOR ALL TREE PLANTINGS

PROJECT NO: 5992-11-21, -28	HWY: JOHN NOLEN DRIVE	COUNTY: DANE	TREE PLAN	SHEET	E

FILE NAME : G:\MADISON\21012-000 JND (OA - NSD)\CIVIL 3D\SHEETSPLAN\023101-PL_COLOR.DWG
LAYOUT NAME - 08
PLOT DATE : 3/3/2025 8:26 AM
PLOT BY : DAN RYAN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND
EXISTING TREE TO REMAIN
EXISTING TREE TO BE REMOVED
PROPOSED NEW TREE
LAKE MONONA BAY
LAKE MONONA
OLIN PARK
BRITTINGHAM PARK
LAW PARK
N