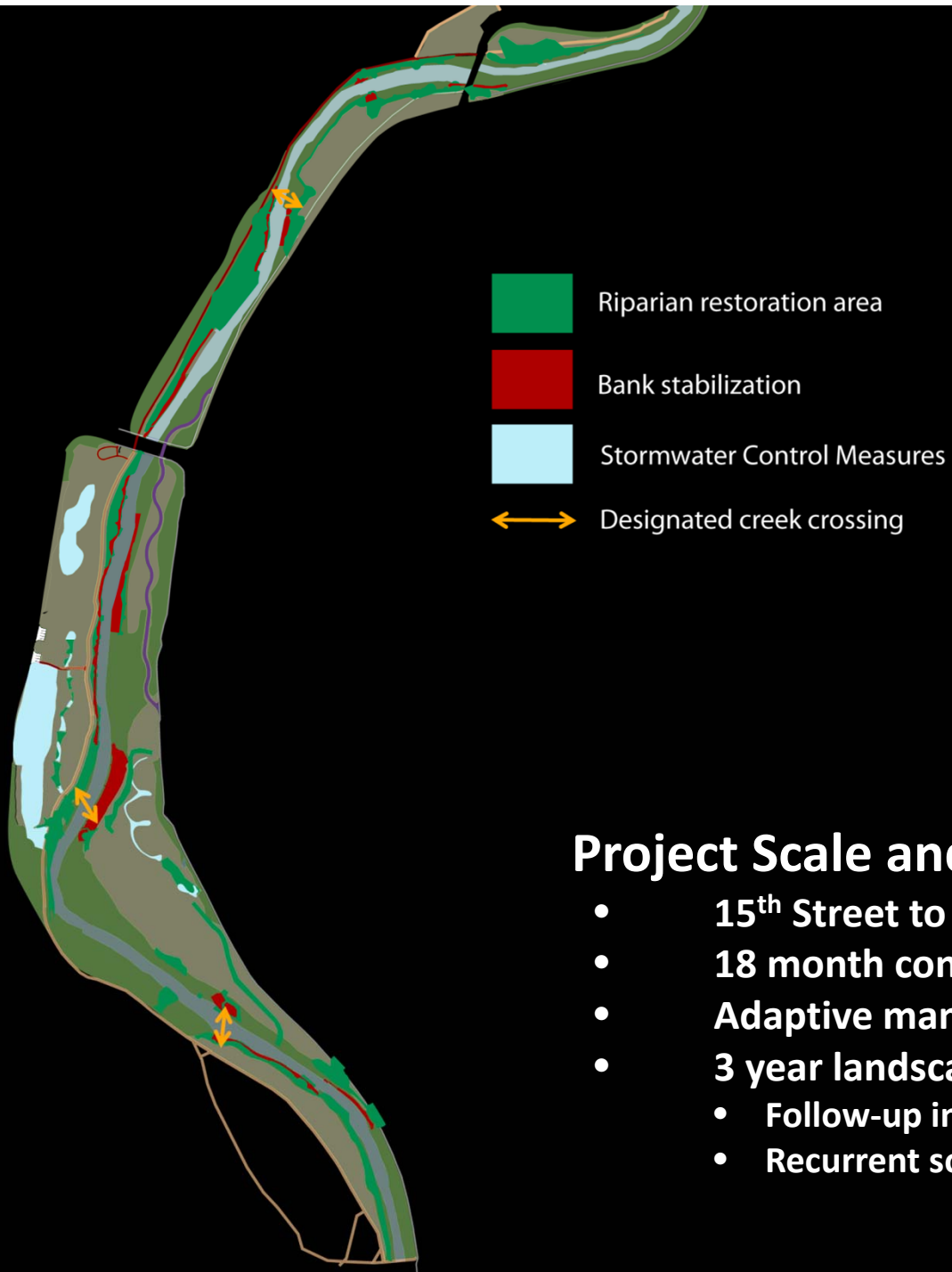


# Tree Care and Invasive Species Management:

## Shoal Creek Restoration in Pease Park







## Project Scale and Scope

- 15<sup>th</sup> Street to 28<sup>th</sup> Street
- 18 month construction phase
- Adaptive management approach
- 3 year landscape maintenance phase
  - Follow-up invasive management and revegetation
  - Recurrent soil treatments and mulch applications

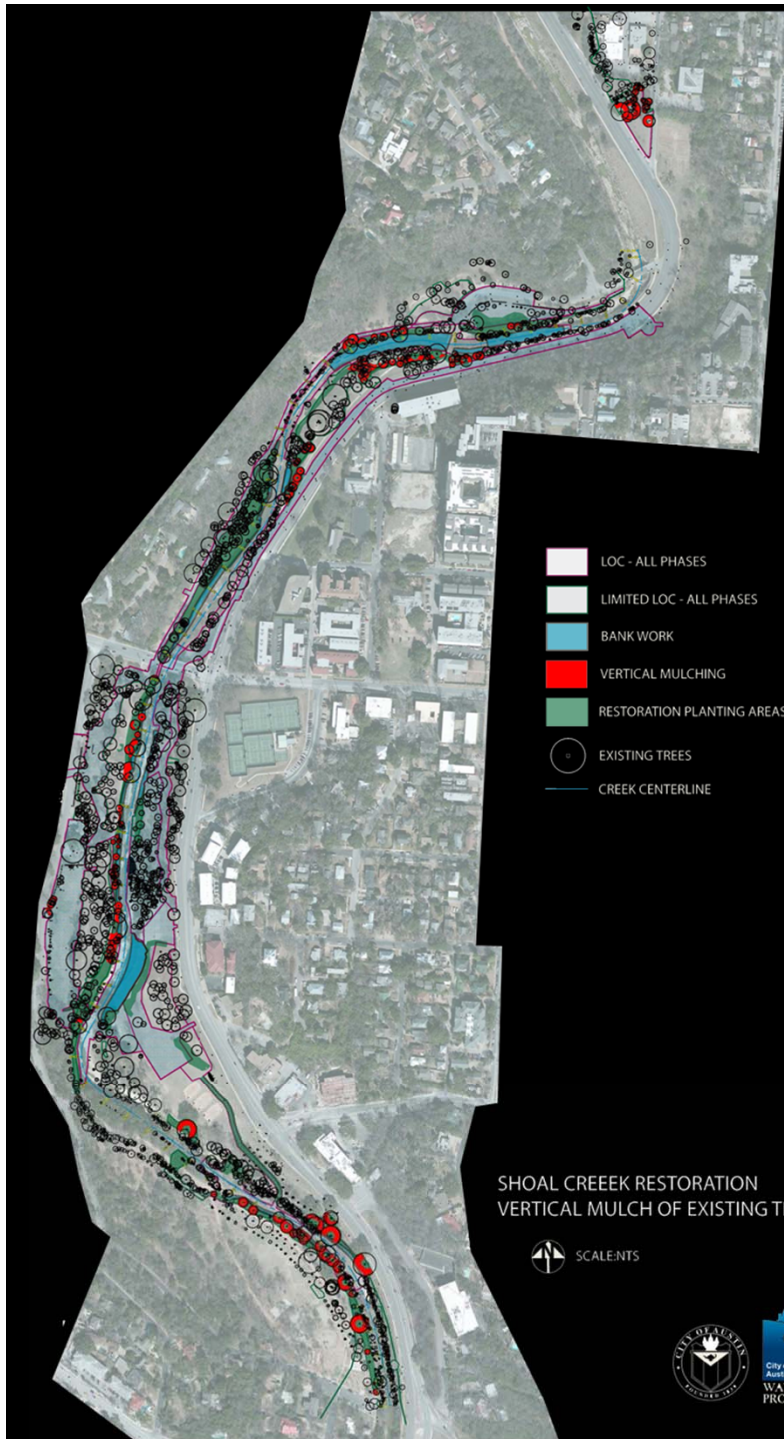


## Vertical Mulching

- Deliver oxygen and nutrients to root zone
- One-time application
- Project certified arborist and restoration expert overseeing process
- Additional tree protection (fencing) and application of nutrients (compost, mulch) throughout project length







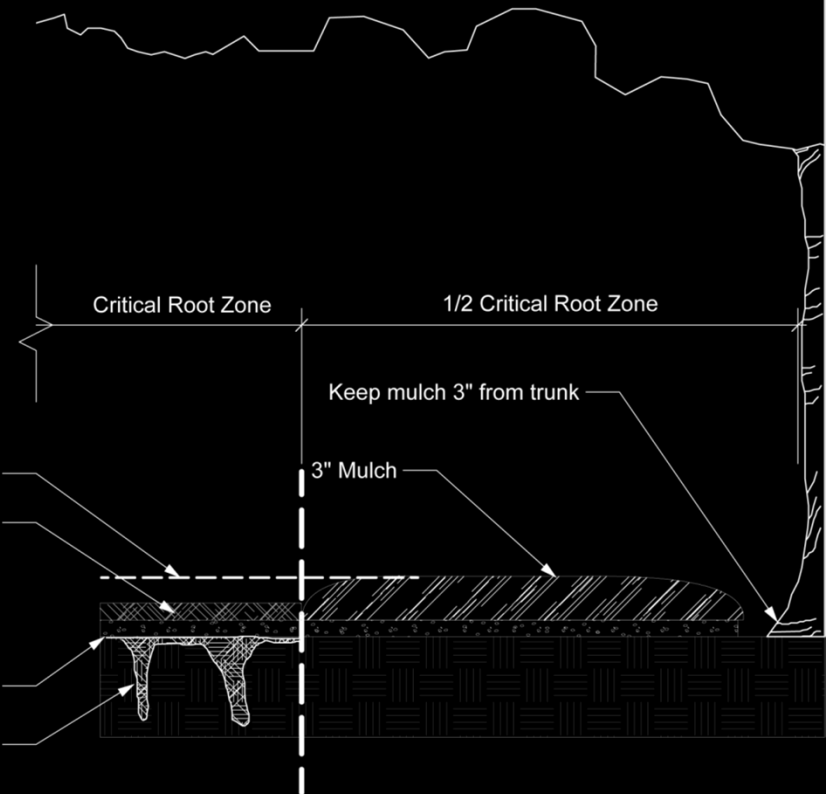
SHOAL CREEK RESTORATION  
VERTICAL MULCH OF EXISTING TREES

SCALE:NTS



As indicated, mulch continues to CRZ  
As indicated, hydromulch with specified seed mix or sod with specified sod in CRZ

1" compost topdressing  
Vertical Mulching, with compost fill



## Vertical Mulching

- Hand-held auger
- 12" deep holes, 1" min. diameter, 3' on center
- 124 trees throughout project reach



# Invasive Species Management

- Mainly arundo, ligustrum, chinaberry
- 100,000 sq. ft. quantity
- Managed over project length







## Invasive Species Tasks

- Prioritize by species and location
- Outline timing and techniques
- Survey and mark species
- Quantify management areas
- Manage during construction and 3 year maintenance phase
- Revegetate as needed





## **Vertical mulching:**

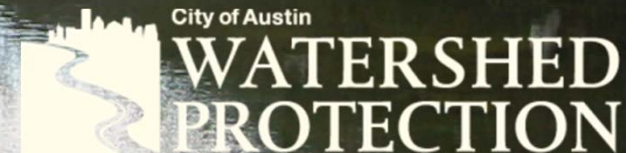
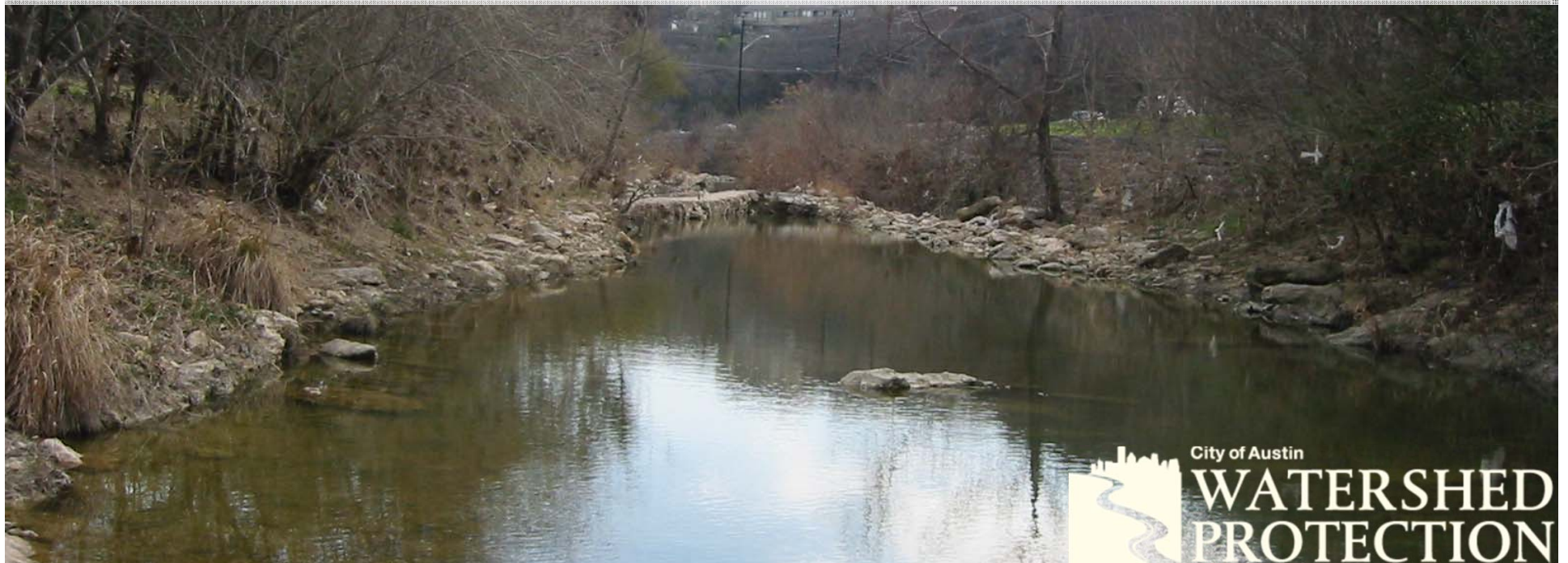
**estimated cost: \$137,763**

**grant request: \$30,000**

## **Invasive species management:**

**estimated cost: \$150,000**

**grant request: \$30,000**



**Creek Health + Forest Health = Pease Park<sup>2</sup>**

**Thank you!**