

# 495 NEXT Corridor Revegetation Conceptual Plan

## Clearing and Tree Removal

- Clearing began Summer 2022, 95% complete

## Revegetation Plan

- Conceptual revegetation plan being developed by landscape architects
- Plant selection will focus on native, habitat-appropriate species
- Revegetation areas are primarily determined based on roadway/utility proximity and environmental limitations

## Plant Species Selection

- Plant selections are categorized by habitat designation based on following criteria:
  - Safety
  - Roadway and Utility Features
  - Growth Habits

# Revegetation Design Considerations

## Safety

- Ensure vegetation will not impact sight distance for drivers or pedestrians
- Ensure vegetation will not impact structural integrity of slopes
- Ensure that mature trees will not block roadway if they fall

## Roadway/Utility Features

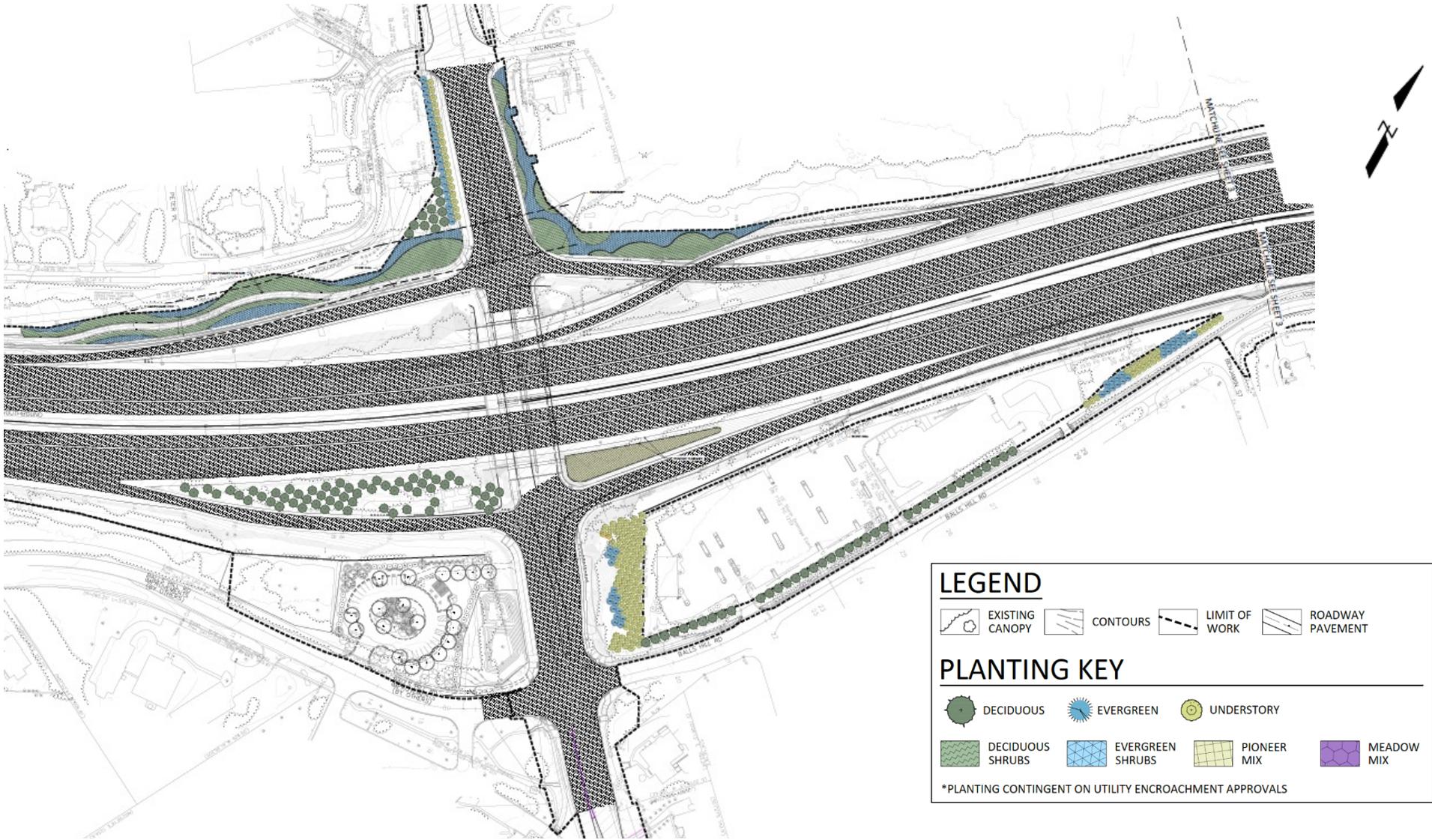
- Ensure that plantings will not affect drainage patterns
- Provide for reasonable maintenance access
- Avoid conflicts with overhead and underground utilities

## Plant Species Selections

- Match plant species to specific soil conditions (wet or dry)
- Select species that are tolerant of roadside conditions and weather treatments
- Consider growth patterns of species including mature heights and widths, and critical root zones
- Incorporate local native species



# Georgetown Pike Revegetation Conceptual Plan



# Live Oak Drive Revegetation Conceptual Plan

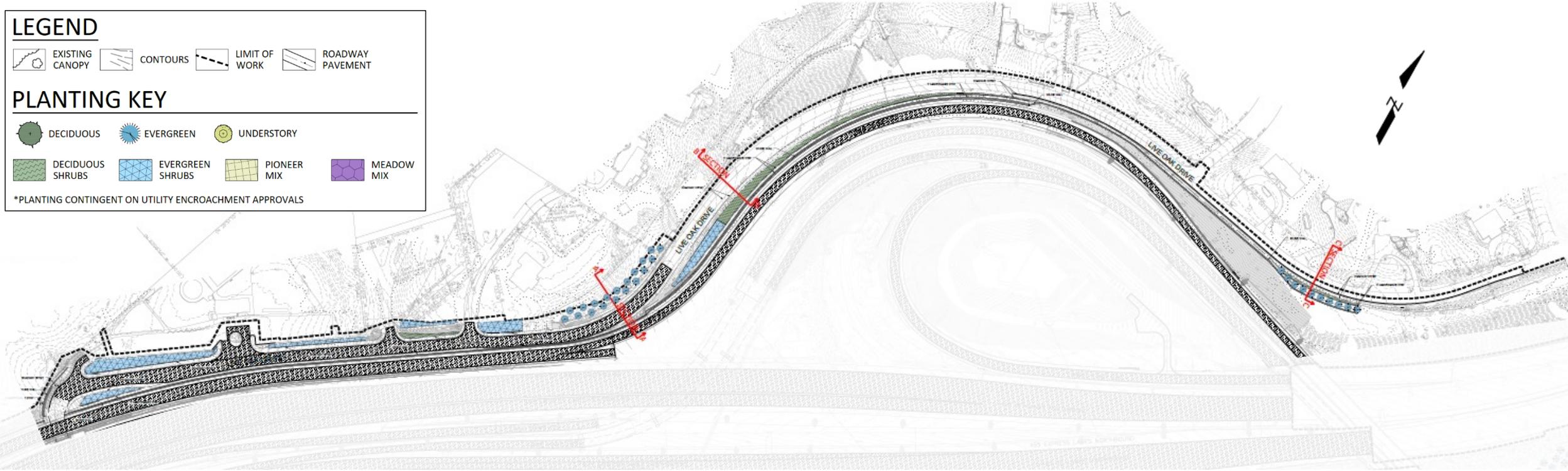
## LEGEND

- EXISTING CANOPY
- CONTOURS
- LIMIT OF WORK
- ROADWAY PAVEMENT

## PLANTING KEY

- DECIDUOUS
- EVERGREEN
- UNDERSTORY
- DECIDUOUS SHRUBS
- EVERGREEN SHRUBS
- PIONEER MIX
- MEADOW MIX

\*PLANTING CONTINGENT ON UTILITY ENCROACHMENT APPROVALS

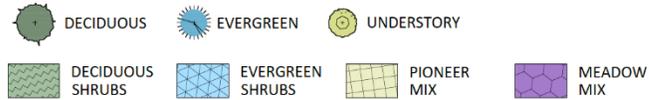


# 495 NEXT Revegetation Design Factors

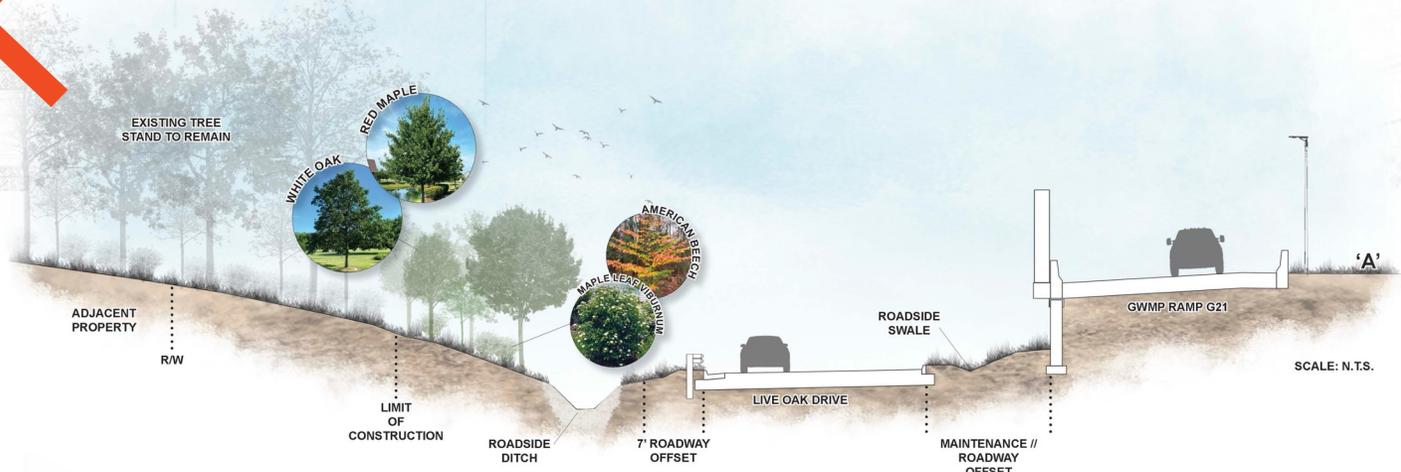
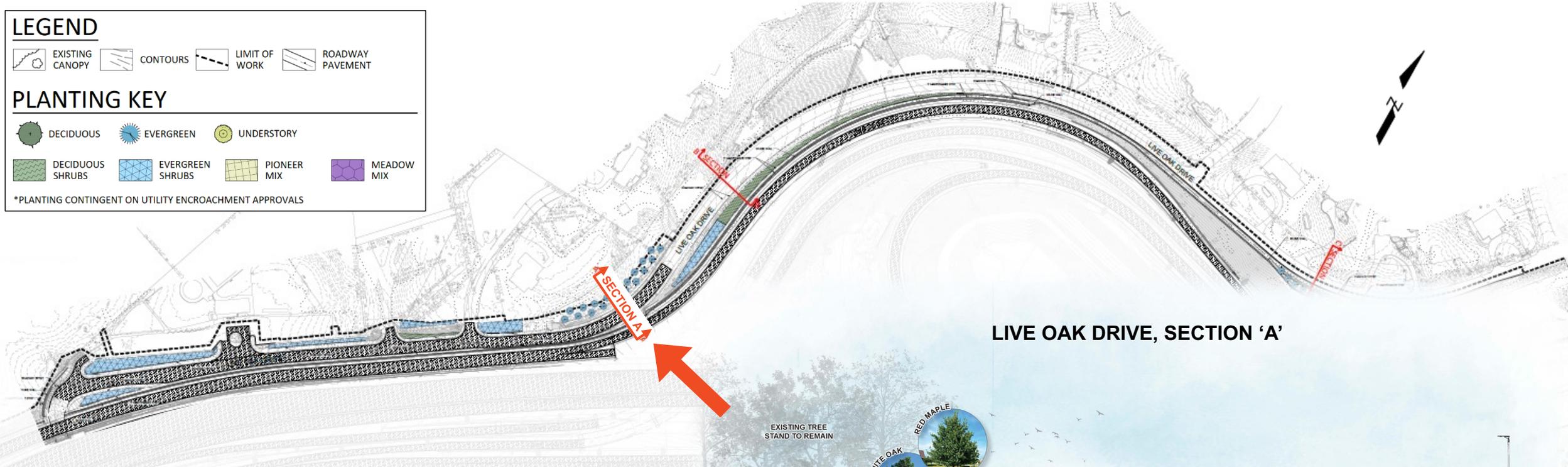
## LEGEND



## PLANTING KEY



\*PLANTING CONTINGENT ON UTILITY ENCROACHMENT APPROVALS

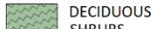
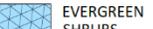
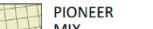
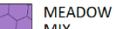


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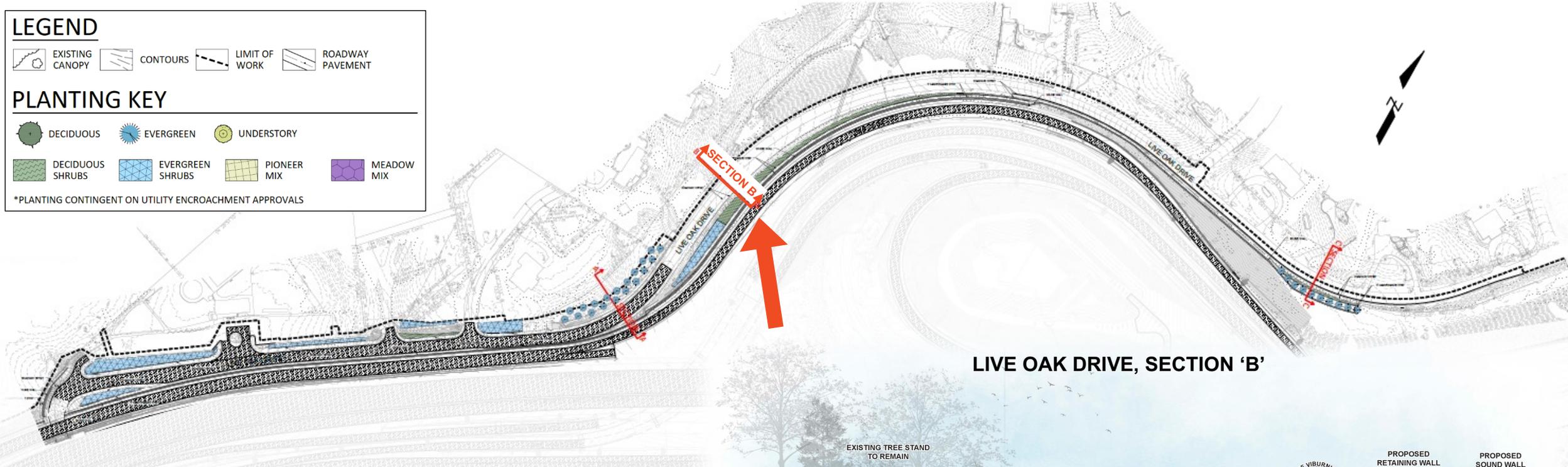
## LEGEND

-  EXISTING CANOPY
-  CONTOURS
-  LIMIT OF WORK
-  ROADWAY PAVEMENT

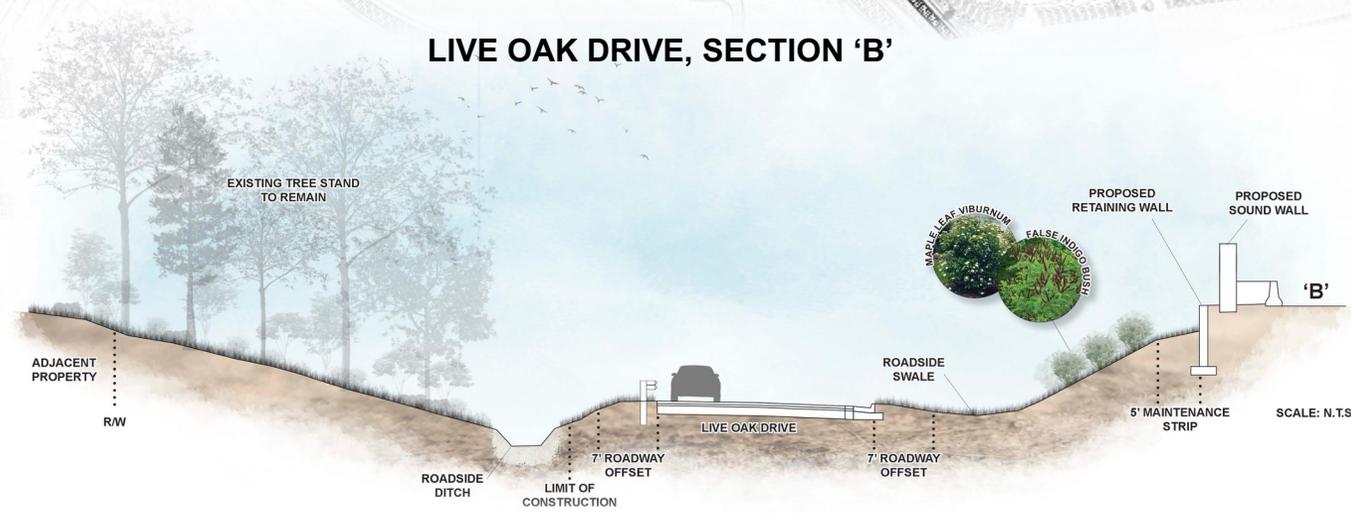
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\*PLANTING CONTINGENT ON UTILITY ENCROACHMENT APPROVALS



LIVE OAK DRIVE, SECTION 'B'

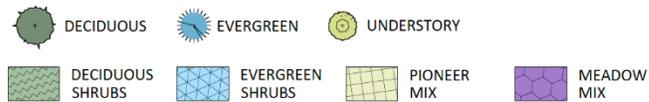


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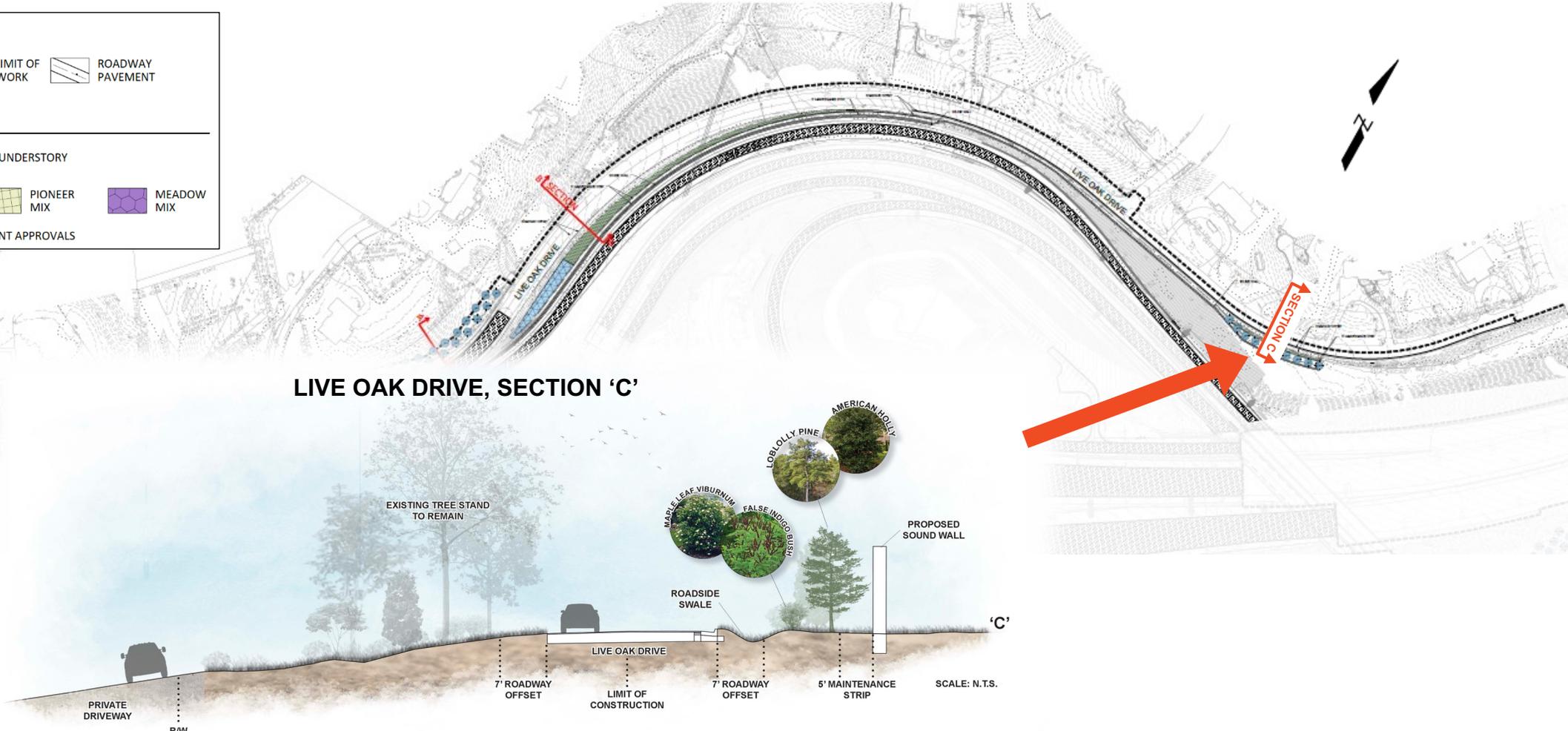
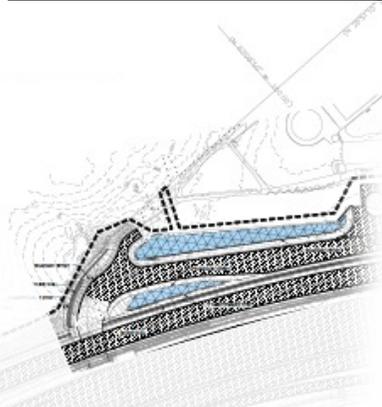
## LEGEND



## PLANTING KEY



\*PLANTING CONTINGENT ON UTILITY ENCROACHMENT APPROVALS



LIVE OAK DRIVE, SECTION 'C'

# Sample Plant Materials

## CANOPY



## EVERGREEN



## UNDERSTORY



## DECIDUOUS SHRUBS



## EVERGREEN SHRUBS



## MEADOW MIX



## PIONEER MIX



# 495 NEXT Revegetation Plan Next Steps

## Community Engagement

- Work with local officials to conduct more focused discussions with interested community members on the conceptual revegetation plan

## Finalize Revegetation Plan

- Post final revegetation plan on the project website

## Implement Revegetation Plan

- Factors affecting planting installation include, but are not limited to:
  - Completion of construction activities and final grading
  - Appropriate time of year
  - Weather conditions
  - Availability of plantings

# Revegetation Growth Progression



**Installation**



**Establishment**



**3-Year Maturity**