

Project Background

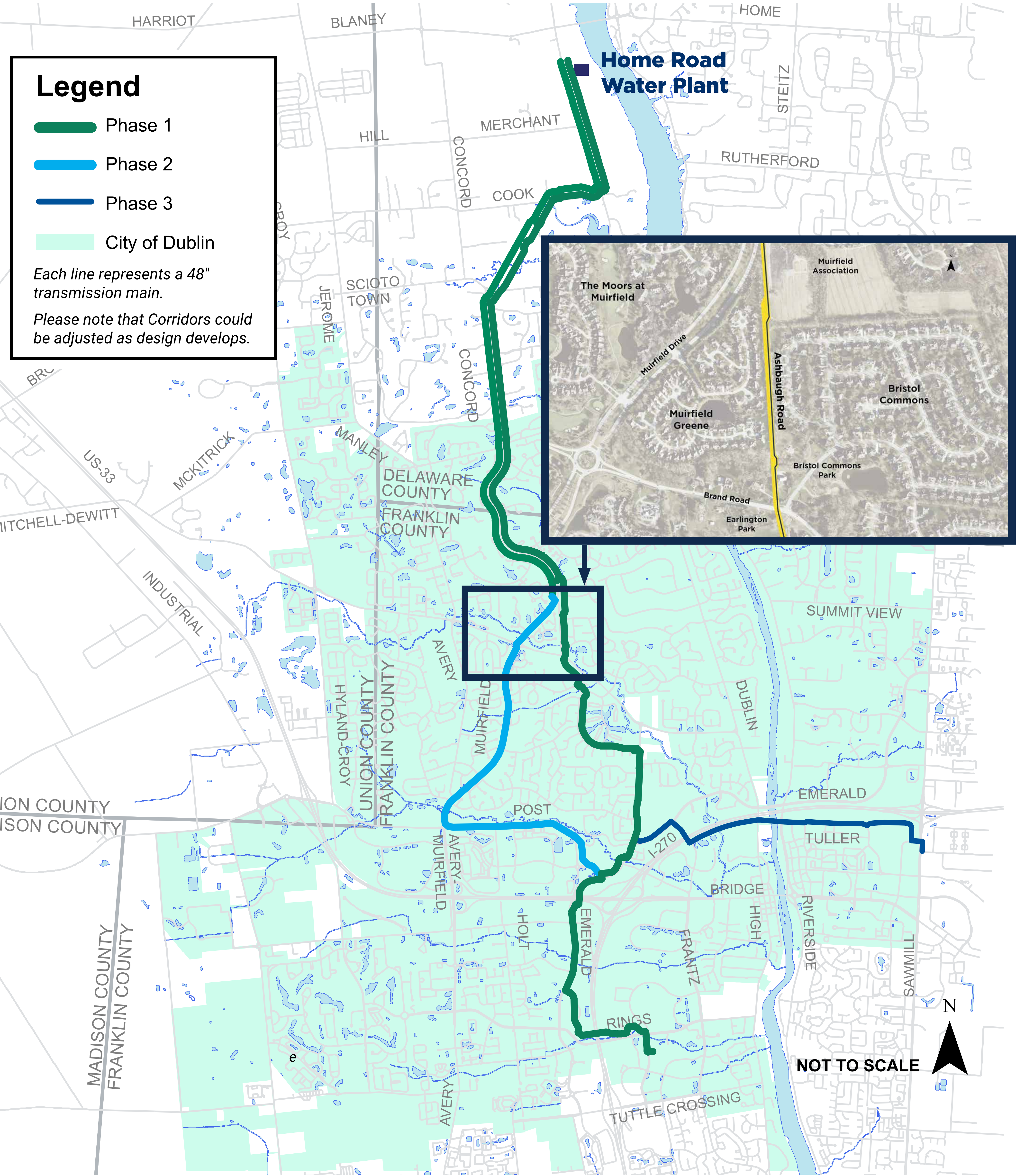


Water Plant
Transmission Mains

Why Are We Building a Water Plant?

We are building a new water plant to meet the growing need for clean, safe drinking water in central Ohio. This will increase reliability and resiliency across the water supply system.

Where Will The Transmission Main Be Located?



Ashbaugh Corridor: Existing Site Observations

Current Conditions

- Invasive species dominate most of the corridor
- Vegetation density and screening vary property by property
 - Majority of the property owners have maintained the existing honeysuckle as a dense screen along the corridor
 - Several property owners have replaced invasives with diverse shrubs, perennials and trees.
 - Some properties show minimal to no planting or screening adjacent to the corridor
- Some property owners have established small paths connecting to Ashbaugh



Current Screening Along the Corridor

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Ashbaugh Toward Properties



Properties Toward Ashbaugh



Why Are We Removing The Honeysuckle Along Ashbaugh?

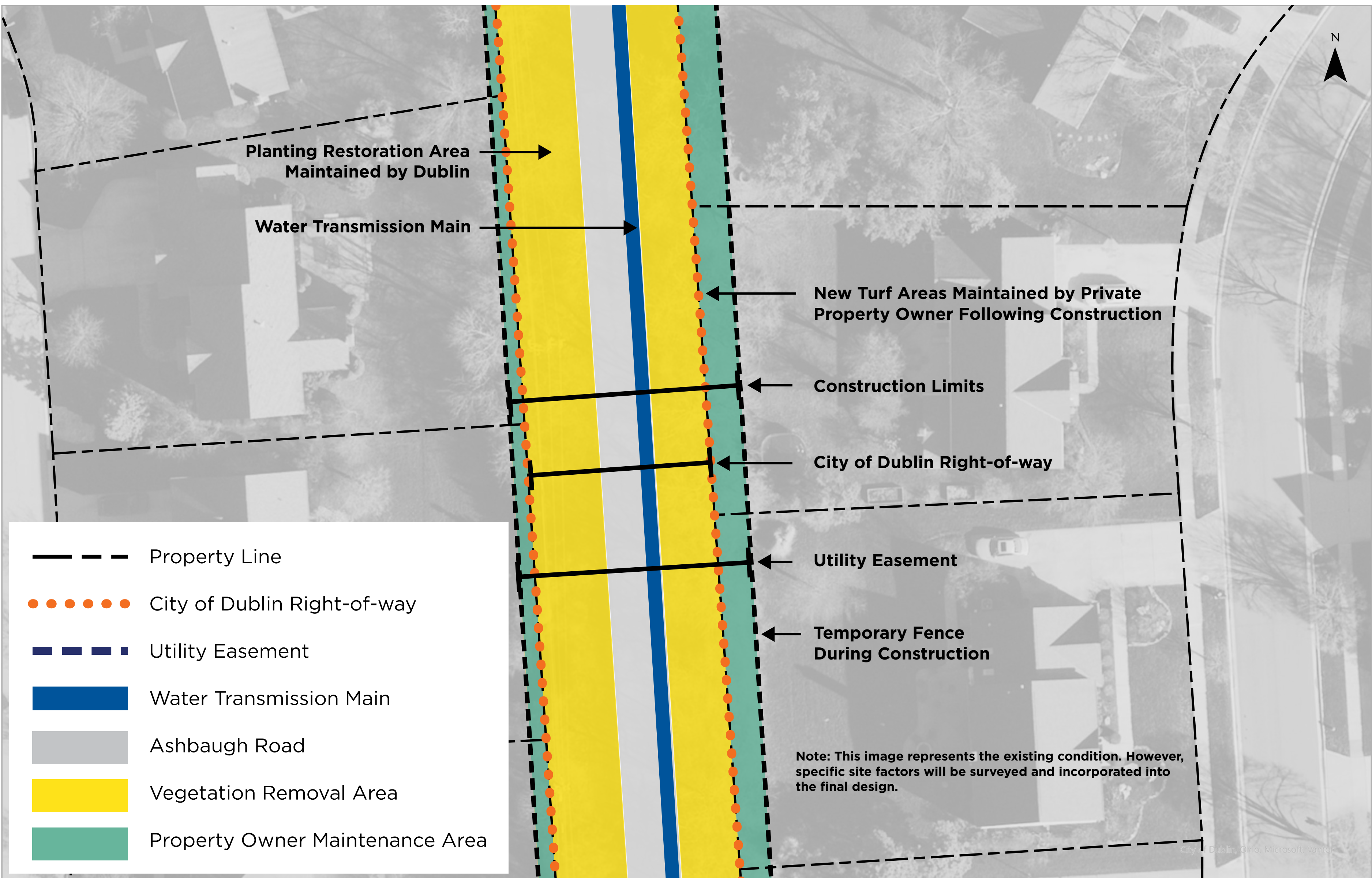
- **Outcompetes Native Plants:** Honeysuckle grows rapidly and densely, shading out and displacing native vegetation.
- **Reduces Biodiversity:** Its dominance leads to monocultures, reducing habitat diversity for wildlife and native plant species.
- **Alters Ecosystems:** Changes soil chemistry and nutrient cycling, negatively impacting native ecosystems.
- **Increases Erosion Risk:** Its shallow root systems do not stabilize soil as effectively as native plants.
- **Spreads Aggressively:** Produces abundant seeds dispersed by birds, making it difficult to control once established.



Long-term Maintenance For The Ashbaugh Corridor Plantings

After the installation of the water main, maintenance responsibilities for the replanted vegetation will be as follows:

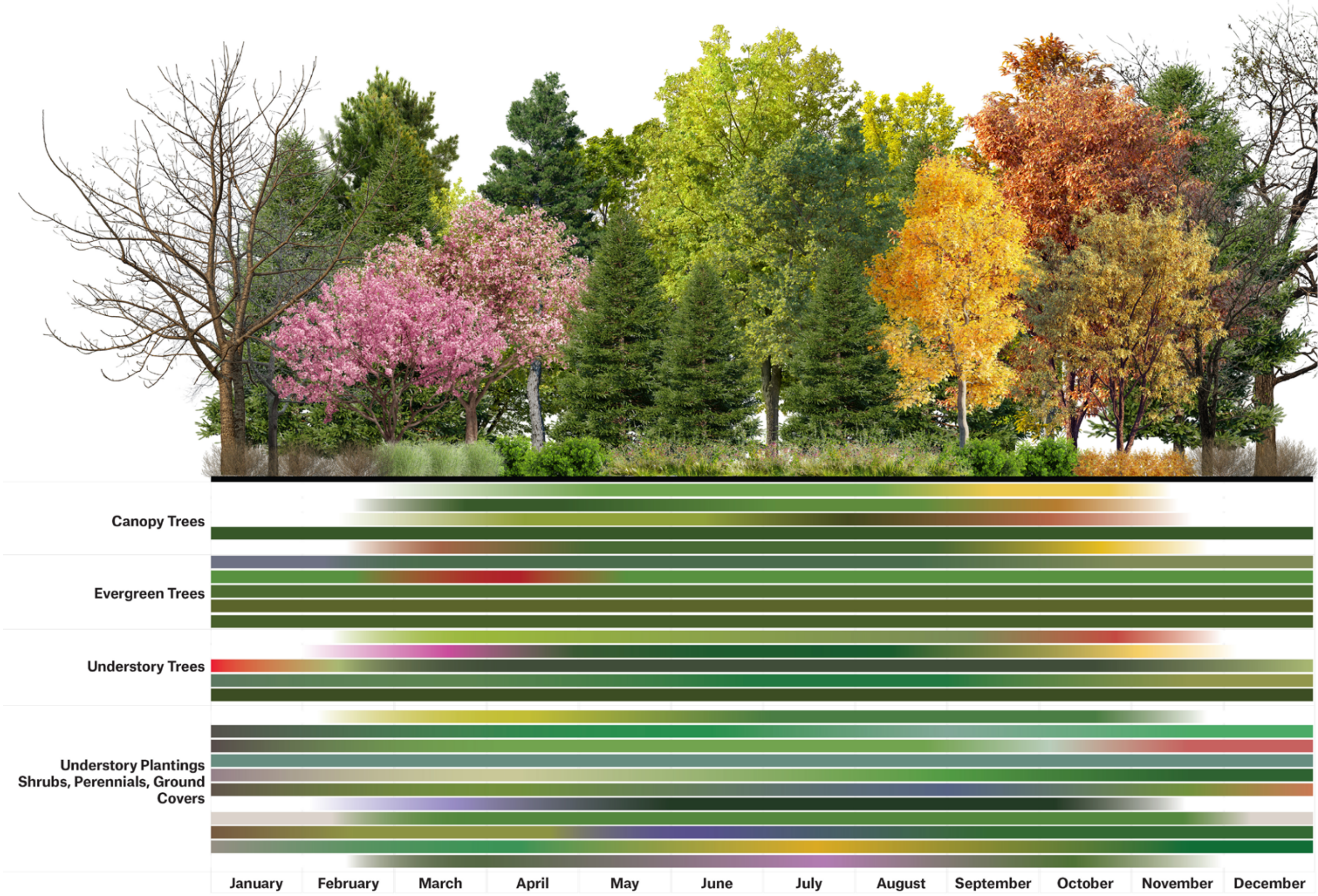
- Yellow Area:** The City of Dublin will maintain the replanted area within Dublin's right-of-way.
- Green Area:** Property owners will be responsible for maintaining the replanted turf on the existing easement area on their property.



The Ashbaugh Corridor: Landscape Restoration Approach

Landscape Approach

- The planting strategy will integrate a mix of evergreen and deciduous species. All plants will follow Dublin’s approved plant list.
- The goal is to provide year-round visual interest while preserving the current density and screening effect.
- Native species will be prioritized for both tree and understory plantings.
- Understory vegetation will be designed to align with the existing planting strategies found in the surrounding Dublin area.



Ashbaugh Corridor From Removal to Mature Growth



Vegetation Removal



During Construction

0% ←————— 50% —————→ 100%



Vegetation Establishment



Mature Vegetation

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