

Arthur Ashe Boulevard Bridge

Urban Design Committee
September 9, 2025



Project for:



Project by:

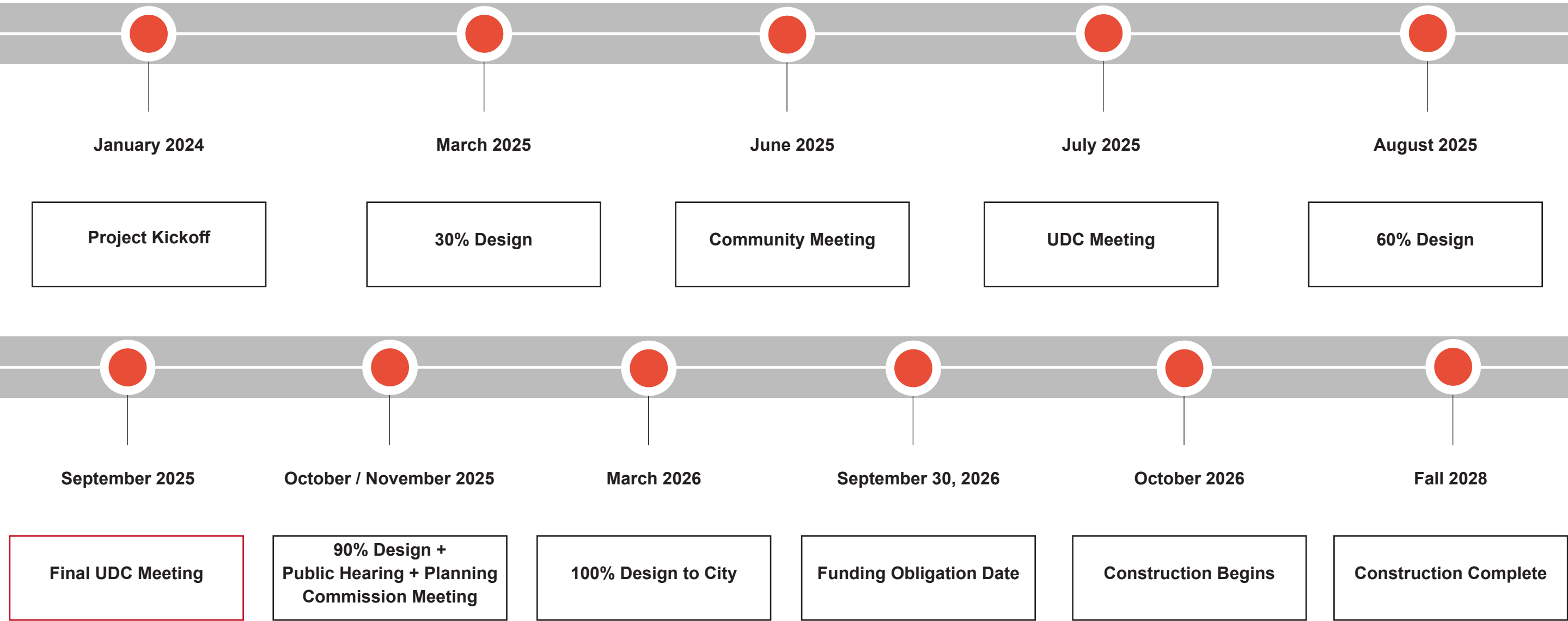


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1 Project Schedule

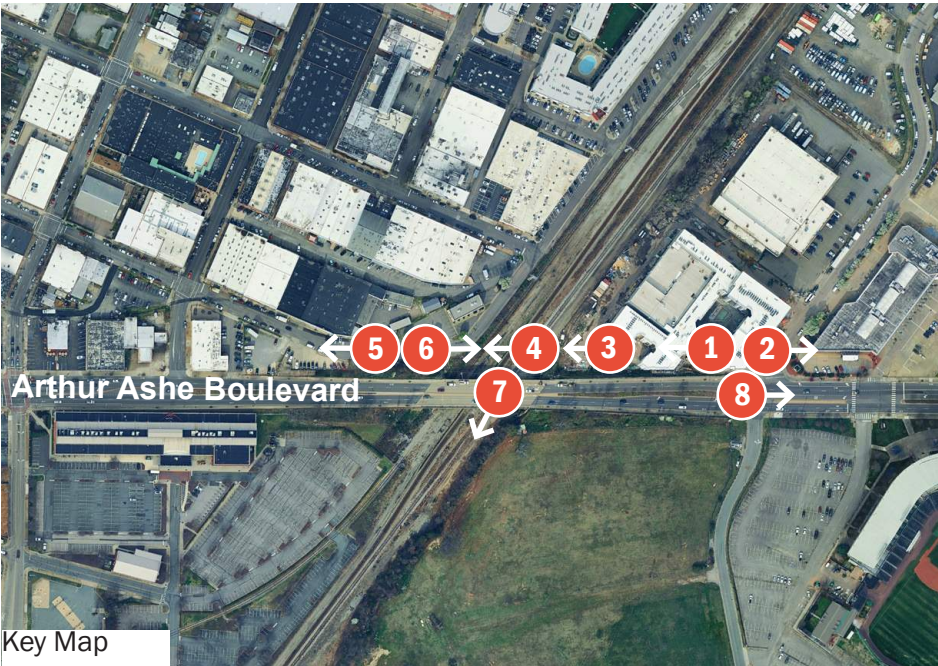
Project Schedule



2 Existing Conditions

- Existing Site Key Map
- Site Photos
- Site Context and Connectivity Map

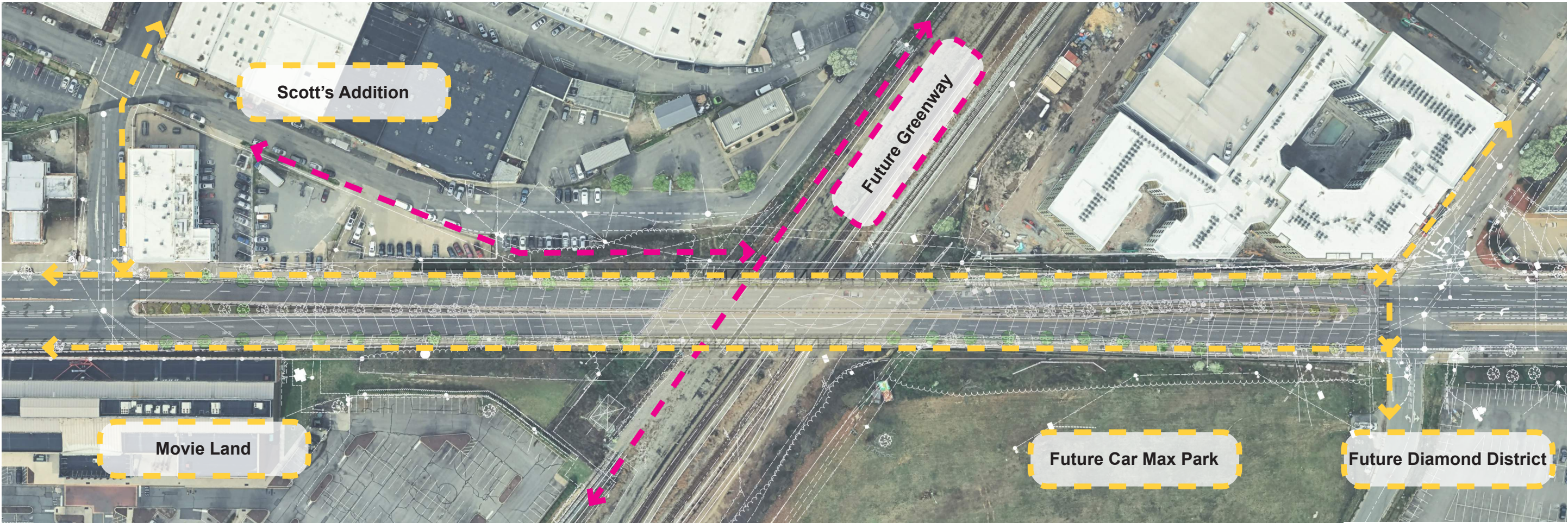
Site Photos



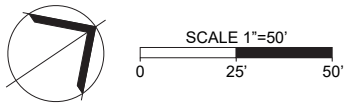
Site Photos



Site Context and Connectivity



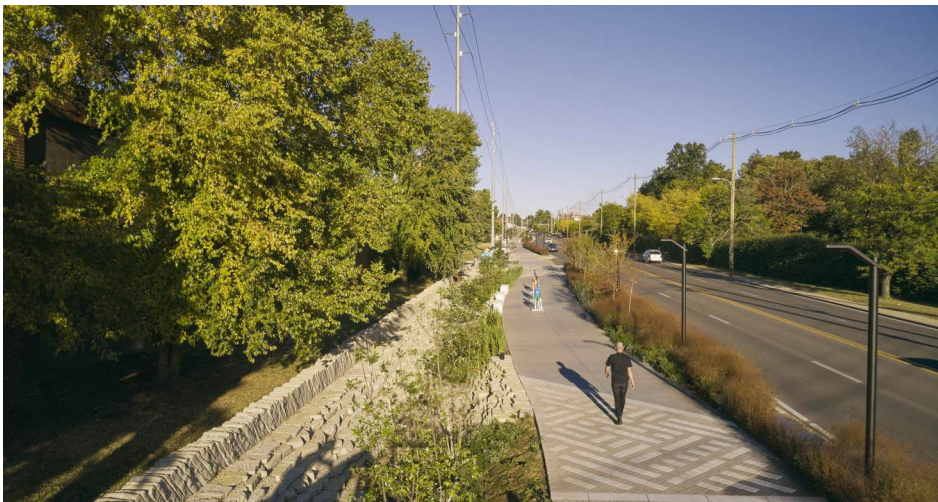
Note: The future greenway connection is not a part of this plan but is instrumental in supporting connectivity around Scott's Addition.



3 Proposed Bridge Improvement Plans

- Precedent Imagery
- Site Plan
- Renderings
- Site Structures
- Site Details
- Gateway Alternatives
- Planting Plan
- Plant Selection
- Lighting Plan
- Light Fixture Selection

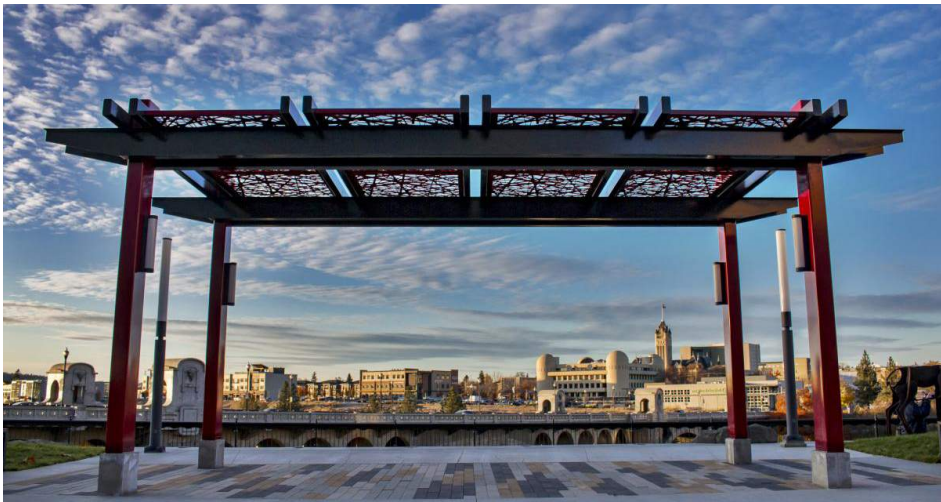
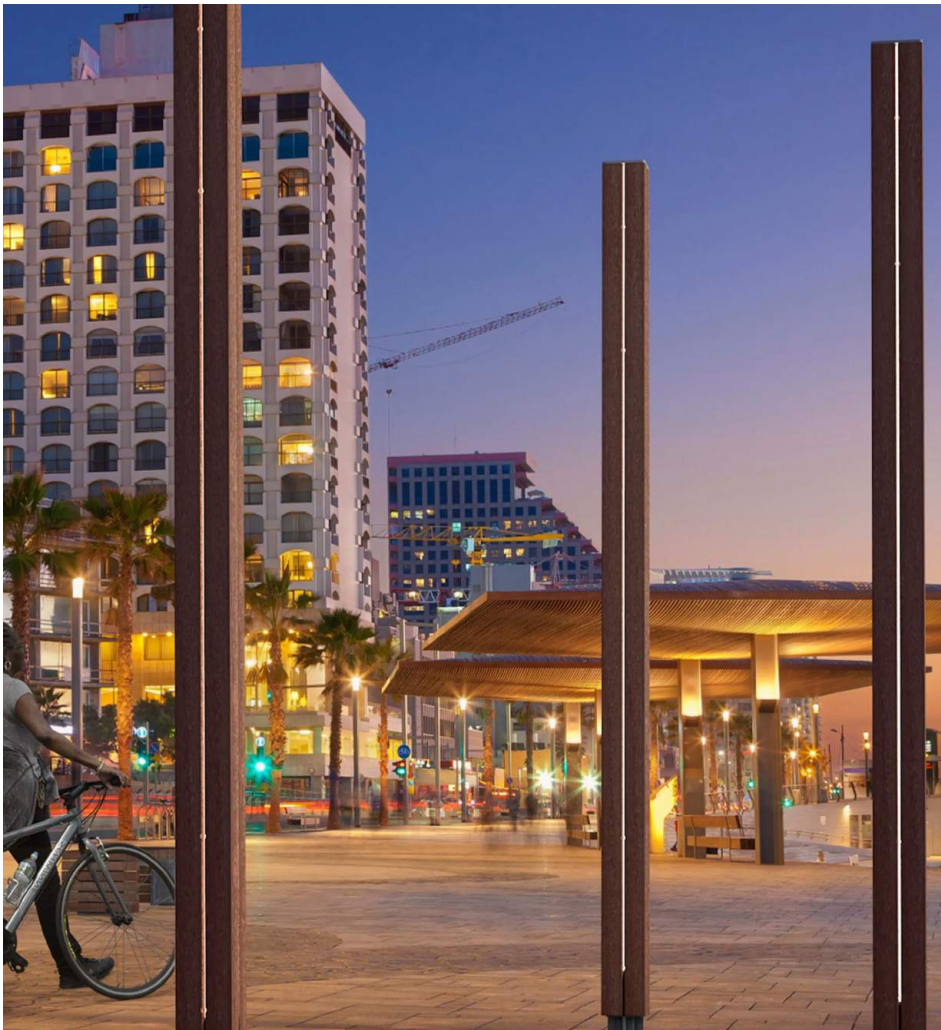
Precedent Imagery



ARTHUR ASHE BOULEVARD BRIDGE
TIMMONS GROUP | UDC | SEPTEMBER 9, 2025



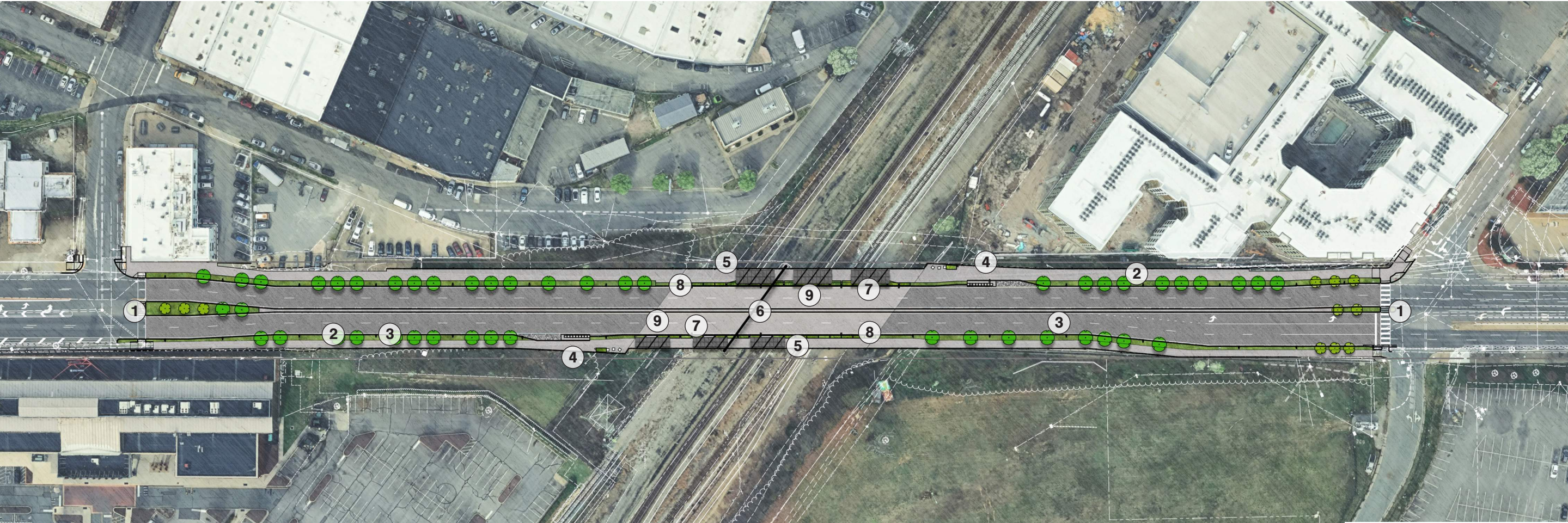
Precedent Imagery



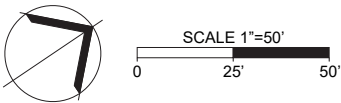
ARTHUR ASHE BOULEVARD BRIDGE
TIMMONS GROUP | UDC | SEPTEMBER 9, 2025



Site Plan

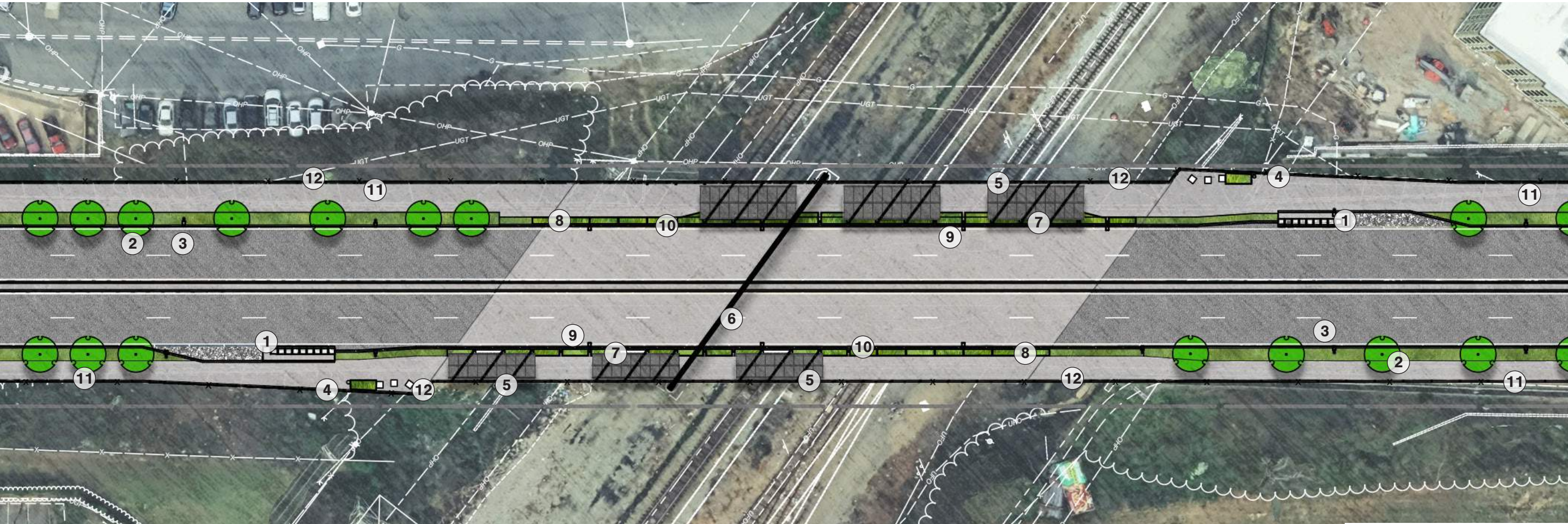


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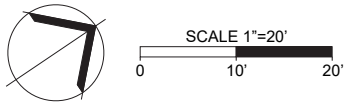


- | | |
|--|-------------------------------|
| ① Limit of Roadway Improvements | ⑦ Bench Seating (On Bridge) |
| ② Street Trees | ⑧ Raised Planters (On Bridge) |
| ③ Street Lighting | ⑨ Bridge Lighting |
| ④ Pedestrian Overlook (With Bench Seating) | |
| ⑤ Pedestrian Shade / Overhead Structures | |
| ⑥ Bridge Gateway Structure | |

Bridge Plan

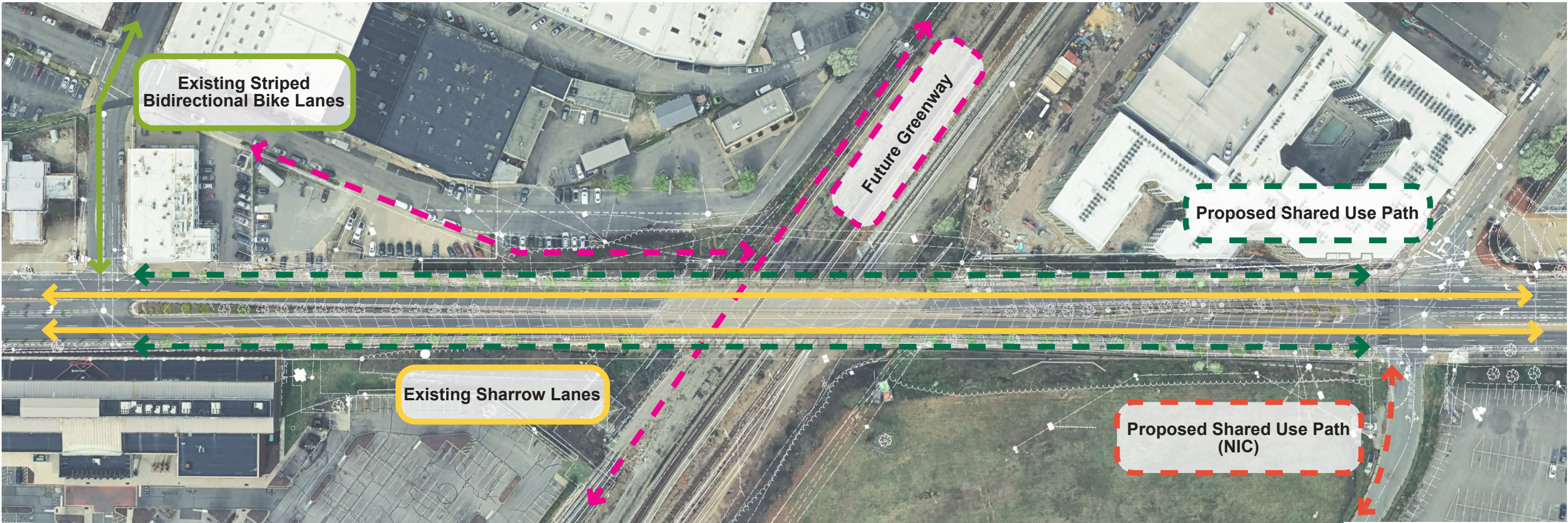


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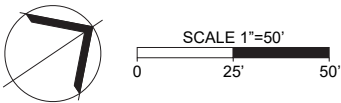


- | | |
|--|----------------------------------|
| ① Crash Attenuator | ⑦ Bench Seating (On Bridge) |
| ② Street Trees | ⑧ Raised Planters (On Bridge) |
| ③ Street Lighting | ⑨ Bridge Lighting |
| ④ Pedestrian Overlook (With Bench Seating) | ⑩ Interior Vehicle Crash Barrier |
| ⑤ Pedestrian Shade / Overhead Structures | ⑪ Sidewalk |
| ⑥ Bridge Gateway Structure | ⑫ Exterior Fence |

Site Bike Infrastructure



Note: The future greenway connection and Diamond District shared use path are not a part of this plan but are instrumental in supporting connectivity around Scott's Addition.



Bridge Rendering | Morning Aerial View



Bridge Rendering | Evening Aerial View



Bridge Rendering | Morning Pedestrian View



Bridge Rendering | Evening Pedestrian View



Bridge Rendering | Morning Pedestrian View



Bridge Rendering | Evening Pedestrian View



Bridge Rendering | Morning Pedestrian View



Bridge Rendering | Evening Pedestrian View



Bridge Rendering | Morning Pedestrian View



Bridge Rendering | Evening Pedestrian View



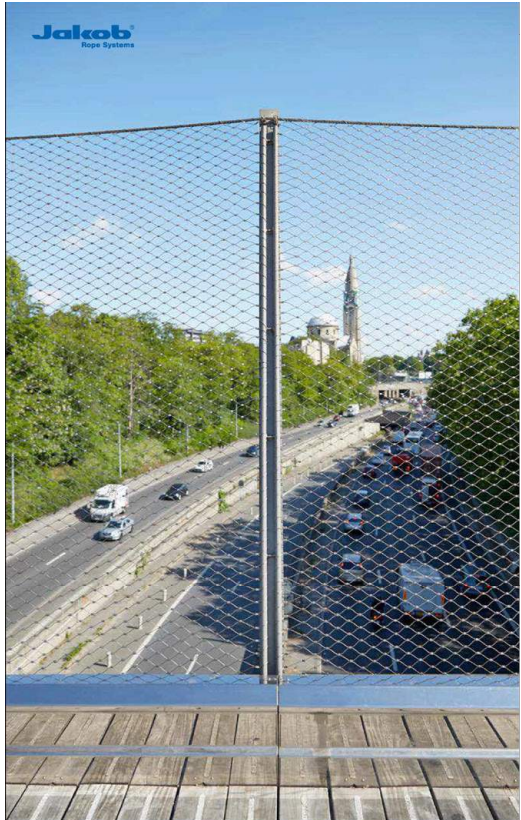
Bridge Rendering | Morning Vehicle View



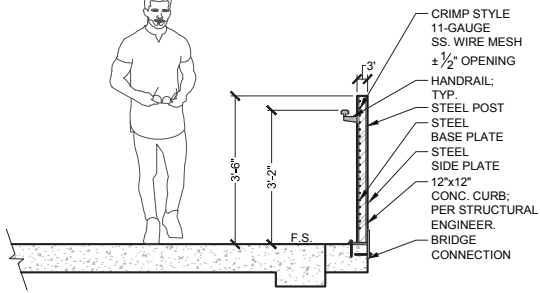
Bridge Rendering | Morning Vehicle View



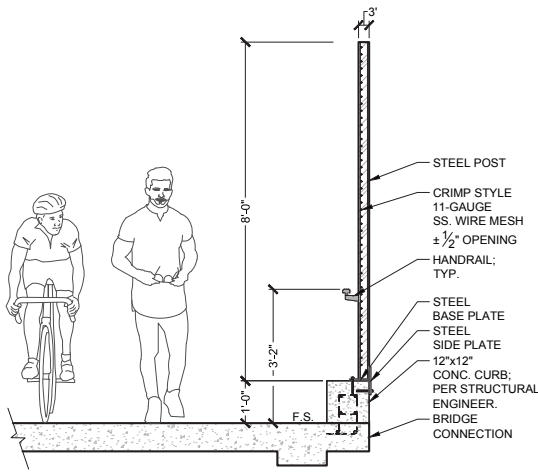
Fence and Paving Details



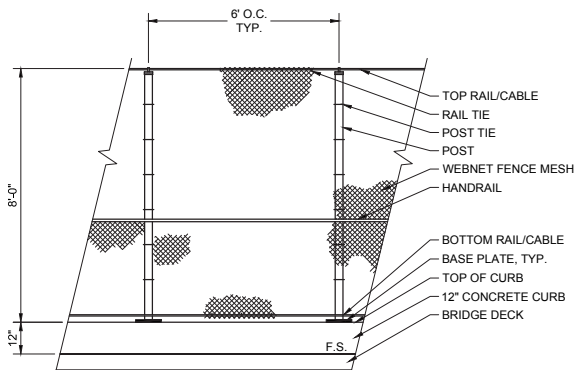
5 BRIDGE BARRIER FENCE - DESIGN INTENT
NTS



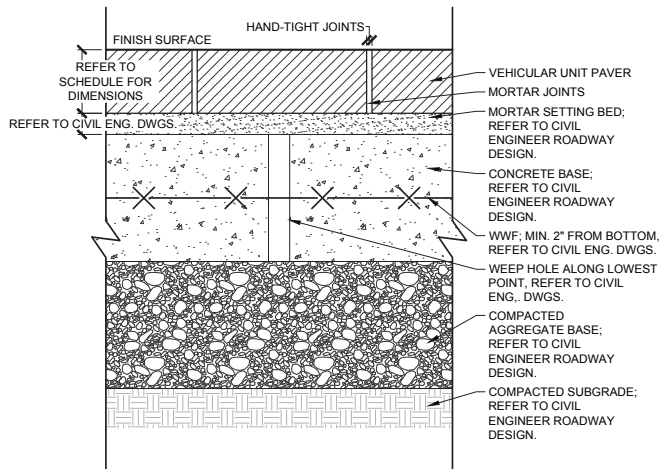
3 BARRIER FENCE SUPPORT - 42"
1/2" = 1'-0"



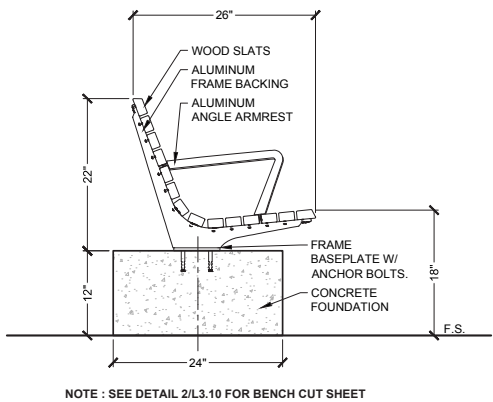
1 BARRIER FENCE SUPPORT
1/2" = 1'-0"



6 BARRIER FENCE - ELEVATION
3/8" = 1'-0"

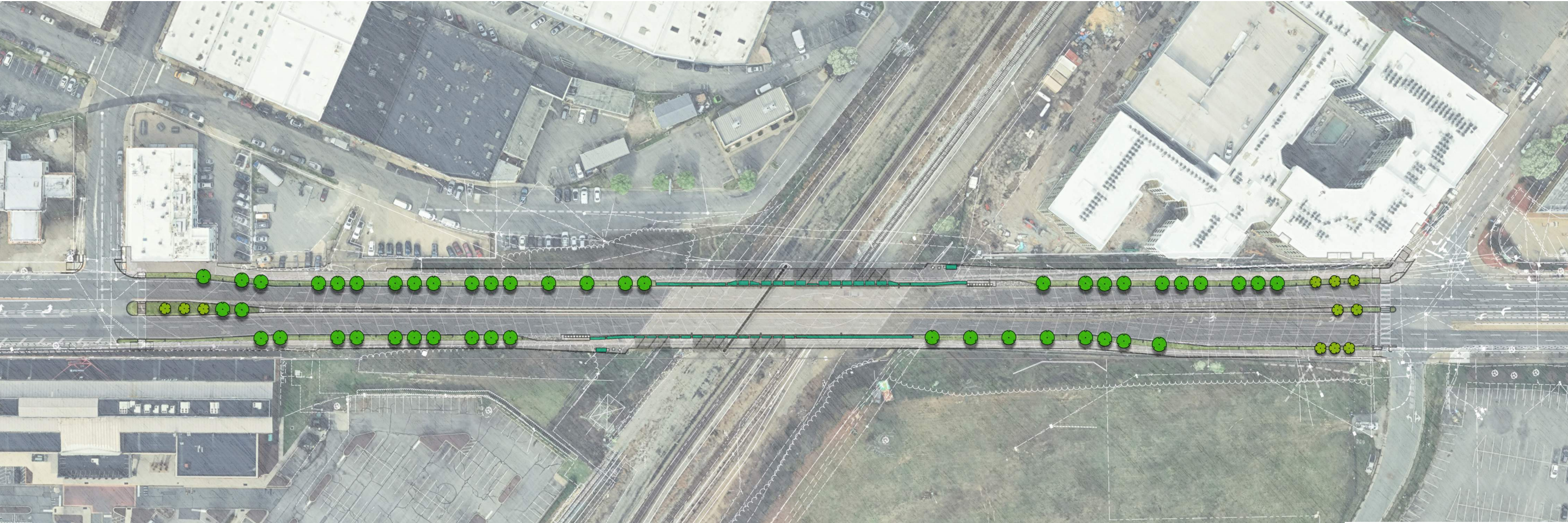


4 VEHICULAR COBBLE PAVER MORTAR SET ON RIGID BASE
3" = 1'-0"



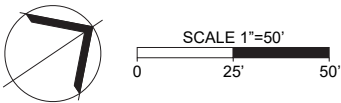
2 WOOD SLAT BENCH - WALL MOUNT
1" = 1'-0"

Site Planting Plan



LEGEND

- Large Canopy Street Trees (43)
- Medium Canopy Street Trees (12)
- Raised Planters (1,021 SF)



100% of the respondents were female, and 90% were aged 18 years or older. The majority of the respondents were students (60%), followed by employees (20%), and the remaining 20% were categorized as "other." The majority of the respondents were from the United States (60%), followed by Canada (20%), and the remaining 20% were from other countries.

The diagram shows a circular structure with a cross-section. A horizontal line passes through the center of the circle. A vertical line segment is drawn from the center to the top of the circle. A diagonal line segment is drawn from the center to the right side of the circle. A scale bar is shown below the diagram, labeled "SCALE 1\"=20'". The scale bar has markings at 0, 10', and 20'.

Street Trees



Littleleaf Linden / *Tilia cordata*



Live Oak / *Quercus virginiana*



Thornless Honey Locust / *Gleditsia triacanthos*
‘Skyline’



Eastern Redbud / *Cercis canadensis*

Raised Planters



Pennsylvania Sedge / *Carex pennsylvanica*



Northern Sea Oats / *Chasmanthium latifolium*



Purple Lovegrass / *Eragrostis spectabilis*



Switch Grass / *Panicum virgatum*



Black-eyed Susan / *Rudbeckia hirta*



Golden Alexander / *Zizia aurea*



Foam Flower / *Tiarella cordifolia*



Blue vervain / *Verbena hastata*



Sedge / *Asclepias capensis*



Lyrelead Sage / *Salvia lyrata*

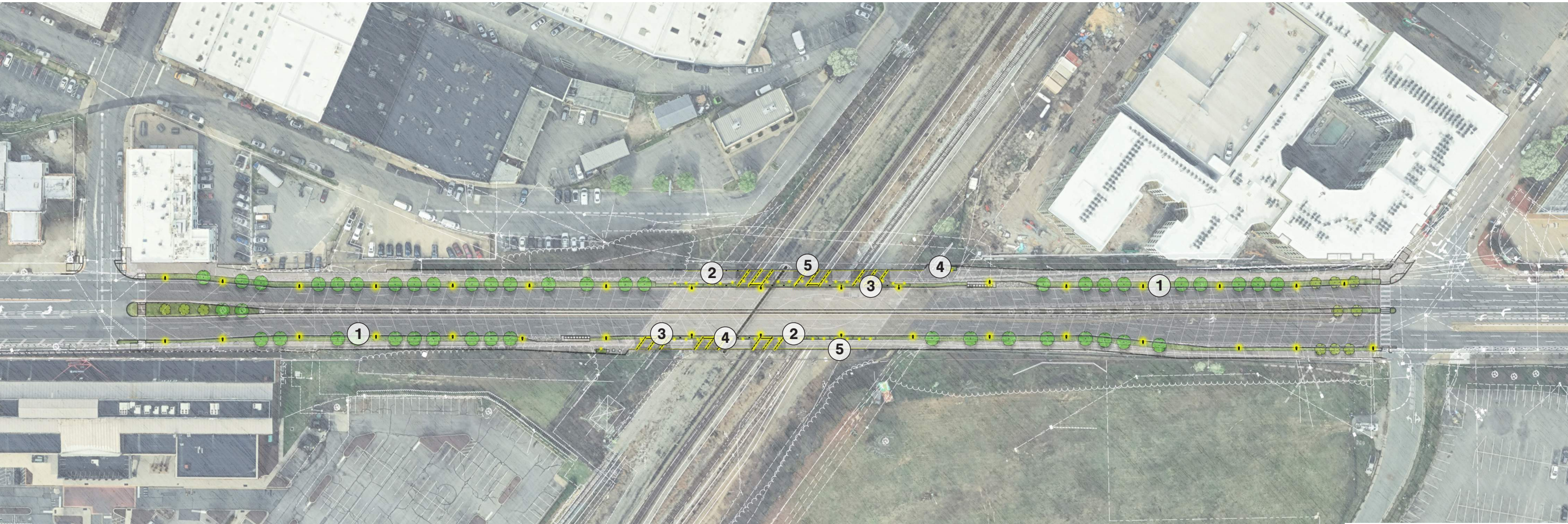


Blue Wild Indigo / *Baptisia australis*



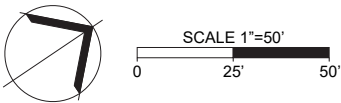
Common Yarrow / *Achillea millefolium*

Site Lighting Plan

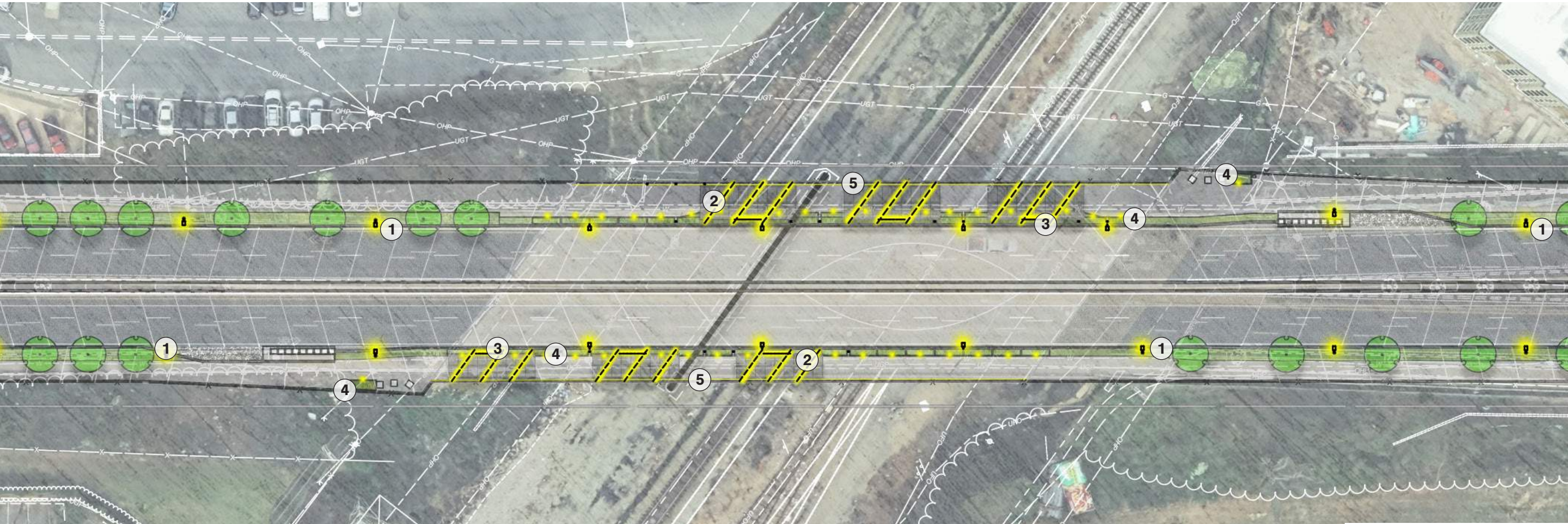


LEGEND

- ① Street Lighting
- ② Integrated Overhead Structure Lighting
- ③ Integrated Bench Lighting
- ④ Integrated Planter Lighting
- ⑤ Integrated Railing Light

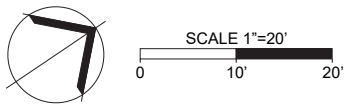


Bridge Lighting Plan



LEGEND

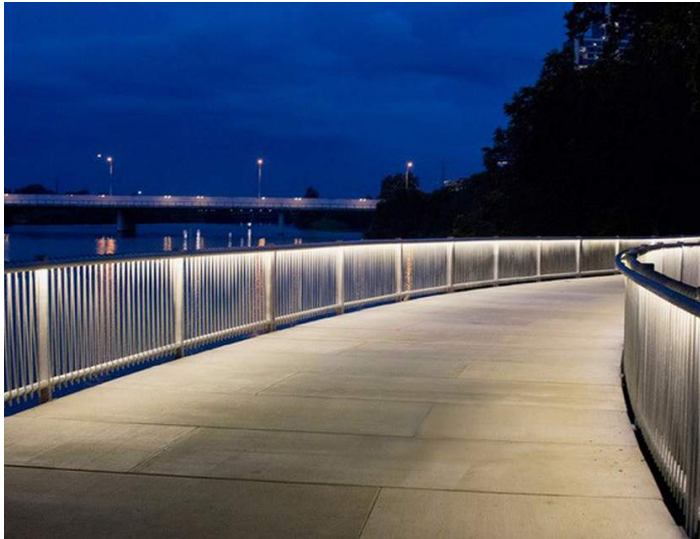
- ① Street Lighting
- ② Integrated Overhead Structure Lighting
- ③ Integrated Bench Lighting
- ④ Integrated Planter Lighting
- ⑤ Integrated Railing Light



Light Fixtures



Street Lighting



Railing Under Light



Integrated Bench / Planter Lighting



Integrated Overhead Structure Lighting



Typical Lighting Placement

4 Community Engagement

Community Engagement



Notes:

A Community Meeting was held on June 11, 2025, at the Science Museum of Virginia. 62 people attended the community meeting, which was held as an open-house format, allowing participants to view project display boards and engage with the project team. 11 display boards included: Project Area Map, Project Overview, Precedent Images, Design Evolution, Plan View, Renderings, Cross Sections, Benefits, Construction Cost, and Project Schedule. Comments could be made using the paper comment form at the meeting or online on the project website at: rva.gov/public-works/AABB. In total there were 122 respondents via the community meeting, online surveys, and emailed comments.



82 Online
Surveys



37 In-person
Paper Forms



3 Emailed
Comments

Community Engagement

General Feedback

Community feedback on the Arthur Ashe Bridge Project was generally positive, with strong support for its goals of improving connectivity, safety, and access. Respondents especially valued the project’s ability to connect the Diamond District and Scott’s Addition, enhance walkability, and create safer conditions for pedestrians and cyclists. Many also appreciated the improved access to the stadium and viewed the bridge as a meaningful investment in Richmond’s overall mobility and infrastructure. Respondents emphasized the importance of adequate lighting for safety and visibility, particularly for those walking and biking.



General Feedback

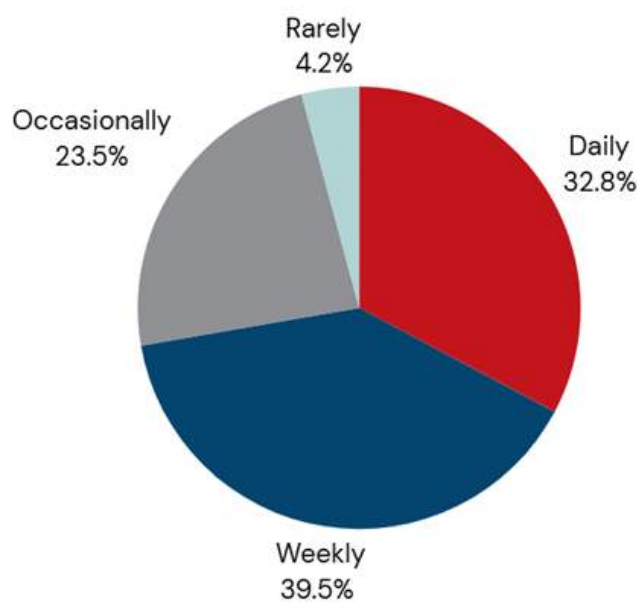
Participants offered thoughtful input on how the design could better meet community needs. While there was enthusiasm for the shared-use path and multimodal access, many expressed a preference for dedicated, protected bike and pedestrian lanes to improve safety and usability. Requests for more shade were also common, both for comfort and to help reduce heat retention. Some respondents felt the current bridge design appeared too industrial or modern, and encouraged incorporating elements that better reflect Richmond’s character and identity. Construction-related concerns were also impacts, with calls to minimize traffic disruptions, noise, and other impacts to nearby residents and businesses.

Community Engagement

Survey Results

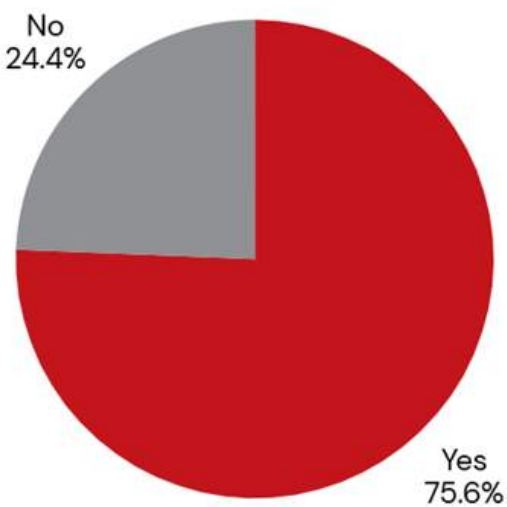
How often do you use the Arthur Ashe Bridge?

119 Respondents



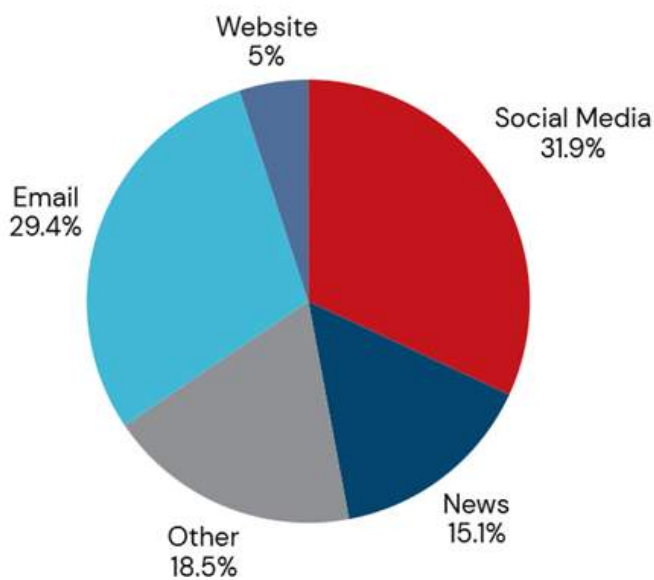
Were you aware of the project before today’s meeting?

119 Respondents



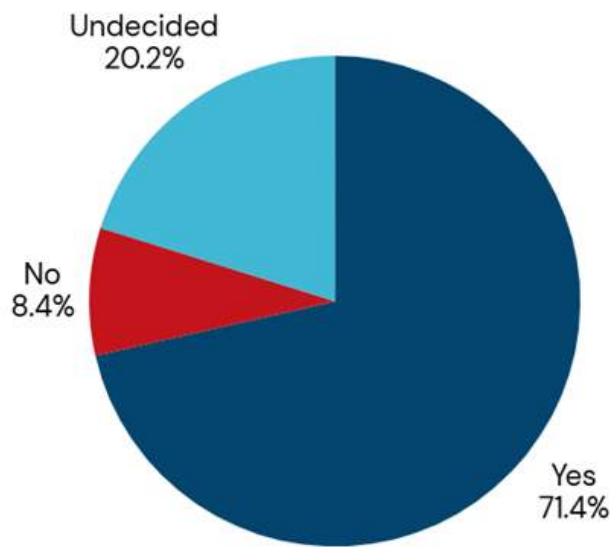
How did you learn about the Community Meeting?

119 Respondents



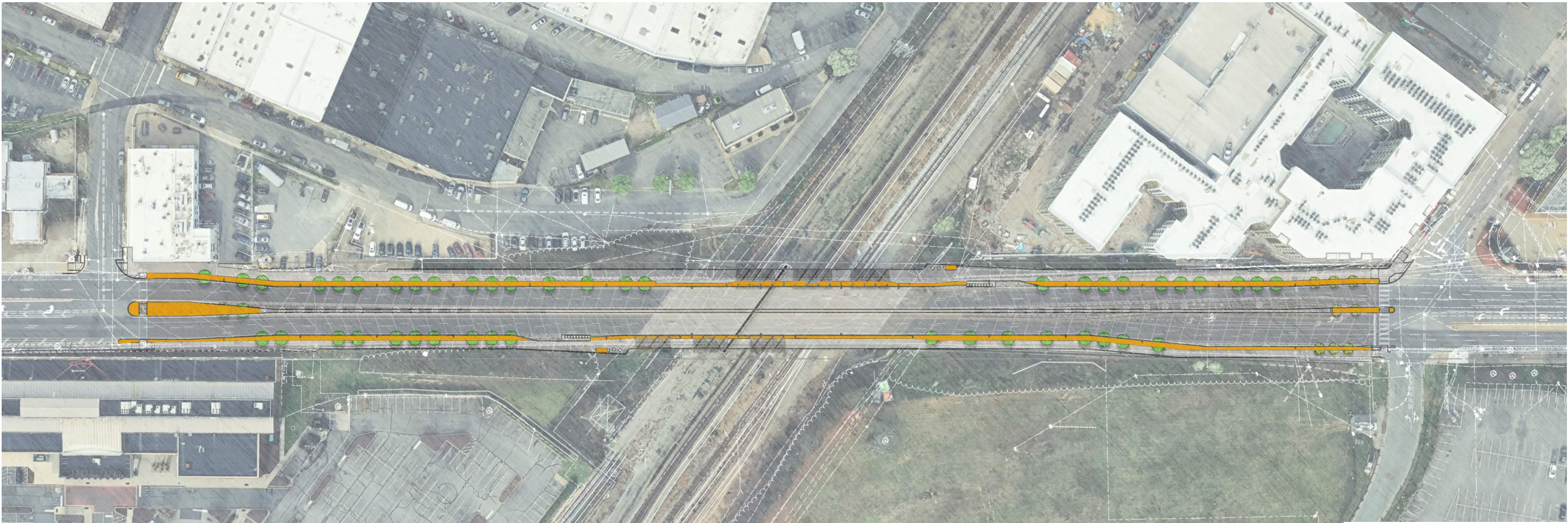
Do you support the proposed improvements to the Arthur Ashe Boulevard Bridge?

119 Respondents



5 Maintenance Plan

Site Planting Maintenance Plan



LEGEND

- Raised + At Grade Planter Maintenance Area

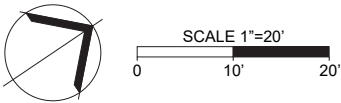
Notes:

1. Lawn areas to be mowed and maintained according to City of Richmond Standard Practices.
2. Shrubs and Trees to be pruned to remove dead branches and for structural or clearance reasons; planting bed areas to be top dressed annually with double shredded hardwood mulch.
3. Monthly inspections for soil settlement, plant health, irrigation performance, and structural integrity.
4. Top off or amend soil in planters annually or as needed based on plant performance and compaction.

Bridge Planting Maintenance Plan



LEGEND



 Raised + At Grade Planter Maintenance Area

Notes:

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- 2. Shrubs and Trees to be pruned to remove dead branches and for structural or clearance reasons; planting bed areas to be top dressed annually with double shredded hardwood mulch.
- 3. Monthly inspections for soil settlement, plant health, irrigation performance, and structural integrity.
- 4. Top off or amend soil in planters annually or as needed based on plant performance and compaction.

Site General Maintenance Plan

Hardscape Maintenance Notes:

1. Power wash concrete sidewalk twice per year or as needed to remove dirt, stains, and biological growth.
2. Inspect quarterly for cracks, spalling, or uneven settling. Ensure expansion joints remain clean and flexible, re-caulk as needed.
3. Use non-corrosive deicers where applicable, avoid mechanical plows that could chip surfaces.

Irrigation Maintenance Notes:

1. Monthly inspection of emitters, drip lines, valves, and controllers. Track usage to identify inefficiencies or leaks early.
2. Adjust schedule based on seasonal rainfall and plant water needs.
3. Drain and shut down system before first frost (Fall) and restart and test in the Spring.

Signage and Furnishing Maintenance Notes:

1. Site furnishings to be inspected and repaired / replaced as needed. Check for damage, rust, loose connections, or vandalism during monthly walkthrough.
2. Clean surfaces monthly using non-abrasive cleaners. Wipe down signage as needed to remove dirt, pollen, or graffiti.
3. Inspect quarterly for legibility, fading, vandalism, or physical damage. Plan for full replacement every 10 years due to UV exposure and wear.

Shade Structure Maintenance Notes:

1. Inspect every 6 months for rust, decaying welds, bolts, and structural integrity for all metal structures.
2. Rinse surface as needed to remove grime and prevent corrosion.
3. Reapply protective coatings per manufacturer recommendations, typically every 5-10 years.

Lighting Maintenance Notes:

1. Monthly inspection for outages and damage, replace broken or unoperable bulbs.
2. Clean lenses and fixture housing and inspect and verify timer or photocell function twice yearly.
3. Ensure connections and conduits remain secure and weather-sealed.