



# PARKS & RECREATION COMMISSION

## REGULAR VIDEO MEETING

Thursday, September 1, 2022 at 5:30 PM

### COMMISSIONERS:

Chair Jodi McCarthy  
Vice Chair Peter Struck  
Commissioners: Don Cohen,  
Paul Burstein, Sara Marxen,  
Rory Westberg, Ashley Hay

### LOCATION & CONTACT

Zoom Meeting  
Phone: 206.275.7600 | [www.mercerisland.gov](http://www.mercerisland.gov)

*In compliance with the Americans with Disabilities Act, those requiring accommodation for meetings should notify the Staff Liaison at least 24 hours prior to the meeting at 206.275.7706.*

The virtual meeting will be broadcast live on Zoom and recorded and saved on the City Council's [YouTube Channel](#)

**Registering to Speak:** Individuals wishing to speak live during Appearances will need to register their request with the staff liaison at **206.275.7600** or [email](#) and leave a message before 4 PM on the day of the Commission meeting. Please reference "Appearances" on your correspondence and state if you would like to speak either in person at Mercer Island Community & Event Center or remotely using Zoom. Each speaker will be allowed three (3) minutes to speak.

**Join by Telephone at 5:30 PM:** To listen to the meeting via telephone, please call **253.215.8782** and enter Webinar ID **825 9108 6996** and Password **896196** when prompted.

**Join by Internet at 5:30 PM:** To watch the meeting over the internet via your computer, follow these steps:

- 1) Click [this link](#)
- 2) If the Zoom app is not installed on your computer, you will be prompted to download it.
- 3) If prompted for Webinar ID, enter **825 9108 6996** and Password **896196**

**Join in person at Mercer Island Community & Event Center at 5:30 PM:** Mercer Island Community & Event Center  
8236 SE 24<sup>th</sup> Street.

### CALL TO ORDER & ROLL CALL - 5:30 PM

### PUBLIC APPEARANCES

### DEPARTMENT REPORT

1. Department Report

### REGULAR BUSINESS [HYPERLINK "appIS80d34e03b253455db0ca10b38419e40a"](#)

2. [Approve the minutes of the July 7, 2022 Regular Meeting](#)  
**Recommended Action:** [Approve minutes](#)
3. [Public Art Donation Concept- "The Gathering Stacks"](#)  
**Recommended Action:** [Receive presentation, and, if desired, demonstrate support for the development of a design and proposal by the donor.](#)
4. [Aubrey Davis Park Trail Safety Improvement Project 30% Design Revisions](#)  
**Recommended Action:** [Approve the 30% design as revised and approve the recommendation memo to be transmitted to the City Council on September 20, 2022.](#)
5. [Bike Skills Area Update \(no staff report\)](#)  
**Recommended Action:** [Receive status update.](#)

**OTHER BUSINESS**

6. [PRC 2022 Planning Schedule Update](#)
7. [Commissioner Reports](#)

**ADJOURN**

# Mercer Island Parks & Recreation Commission

Item 1.



Department Report  
September 1, 2022





# Summer Celebration- Recap

- Huge SUCCESS!
- Hosted on July 9 at Mercedale and Luther Burbank parks.
- Scaled back from previous years.
- Entertainment, food trucks, Touch A Truck, community booths, fireworks, and more!
- **Total Revenue: \$46,650!**

\*And expenses remained within the budget of \$80,000.



# Summer Celebration- Recap

Community feedback at the event was overwhelmingly positive!

- 99 participants (86.9% residents) completed the post event survey.
  - Key Takeaways:
    - Fireworks and touch-a-truck were a huge success
    - Need more food options (some trucks canceled)
    - Requests for the addition of carnival style/ yard games
    - Requests for the return of the parade
    - High ratings for parking and interactions with staff

\*2023 Save the Date- COMING SOON!\*



# Summer Celebration Sponsors

THANK YOU SPONSORS!!

- Windermere
- MI Community Fund
- MI Martial Arts
- The Mercer Apartments & Dollar Development
- John L. Scott
- Island Books
- Kimball Agency
- Jake Jacobson
- Healthcare Reimbursement Solutions
- Recology

## Contributed \$43,650!





# Boiler Building Stabilization

- This project is ranked in the Washington Historical Society's capital budget request!
- If approved it will provide \$513K of funding, 1/3 of the project cost!
- Project includes: seismic stabilization, reducing chimney height, installing framework inside the building, minor electrical work and a new roof membrane.
- Thank you to the Mercer Island Historical Society for their strong letters and support.
- Construction is expected fall of 2023





# Lincoln Landing

- This street end at north end of 76<sup>th</sup> Ave SE is halfway done.
- Renovation of the stream and beach is complete and looking GREAT!
- Sewer work, pathways and landscaping remain.
- Expecting project to be substantially complete by the end of October





# Merceddale Playground

- Ribbon cutting was outstanding, and the usage is through the roof! But...work is not yet complete.
- Northwest Playground will need to close the area for a day in late September to finish equipment replacements, cosmetic details signage and install a bench.
- A parks sign that stated the age range for the playground as 2-5 years old has been replaced with a sign that says 2-12 years old.





# South Mercer Playfield Project



- The City and School District are working on joint project. With MISD as the project Manager.
- The project began in early July with completion scheduled for November.
- The project will convert field #3 and field #4 to synthetic turf, installing lights and replacing turf on fields #1 and #2.
  - The turf on fields #1, 2, and 3 has reached the end of its useful life
- We are still awaiting delivery of the light poles- this was a supply chain issue.
- Thank you to all of the user groups for their flexibility as we adjust schedules to meet needs.



# A GREAT Summer!

June –August

- Return of Summer Celebration
- Mercedale Playground Ribbon Cutting
- Kirk Robinson Skate Park Dedication
- (1500+) Participants in Recreation Division Summer Camps
- (5) Mostly Music in the Park Concerts
- (19) Shakespeare in the Park Shows
- (117) Picnic Reservations
- (22) Permitted Park Events
- (3,77) hours of Athletic Field Rentals
- (31) Weddings, Celebrations, and Events at MICEC
- (2700+) drop-in sports attendees at MICEC







# What You're Seeing in the Parks

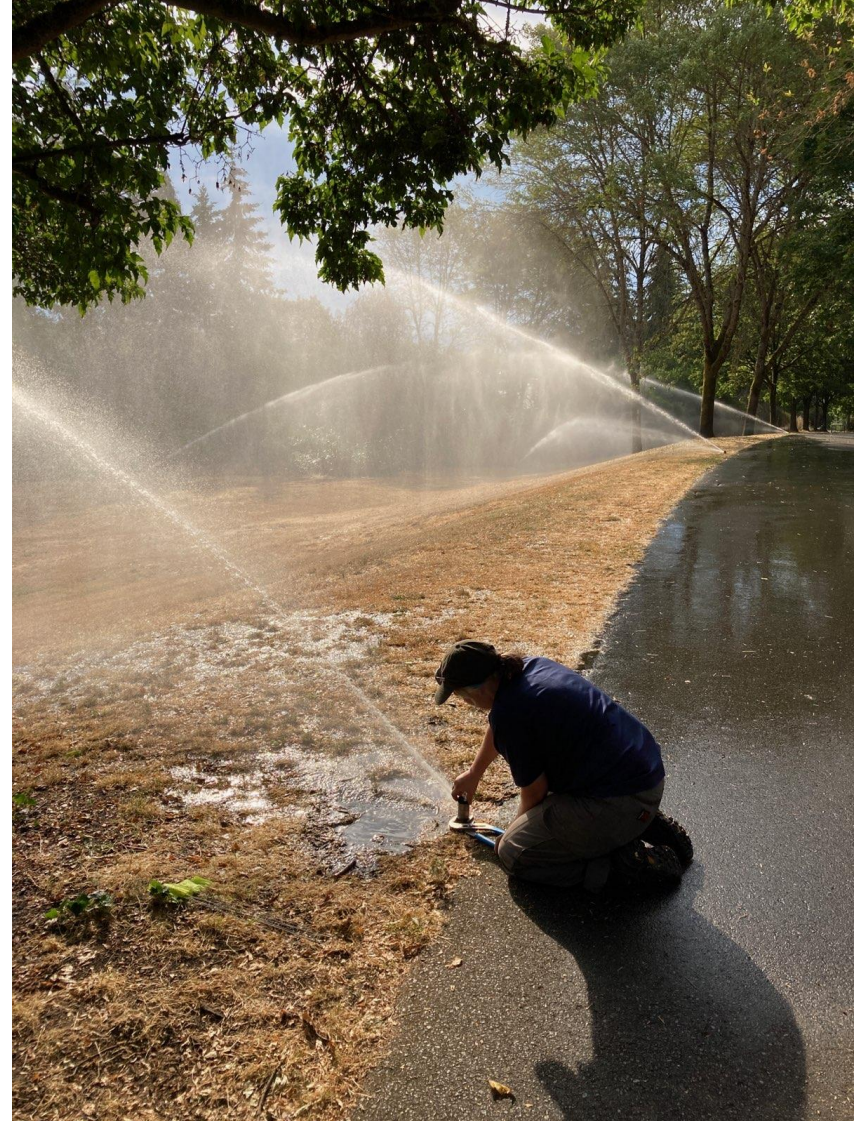
- 400+ acres of parkland, the vast amount do not have automated irrigation systems.
  - Those parks that have systems are old (20-30 yrs. in age)
  - Irrigation repairs are frequent/common in Spring-Fall
- Some trees, grasses, and plantings distressed by drought.
- Trees and shrubs go dormant when stressed to protect themselves- this includes the coloring changes we are seeing in parks.



# How are we combating drought conditions?



- Parks staff focuses irrigation resources on active use areas such as athletic fields, and on immature and ornamental plantings.
- Replacing dead trees with native- more drought tolerant species.
- Repairing irrigation systems- catching up on deferred maintenance.
- Using manual watering methods for immature plantings that aren't on an irrigation system.
- Water is an expensive resource, as is staff labor. Manual watering by staff is inefficient and impractical for a park system such as Mercer Island's.
- Crews are monitoring/evaluating and supplementing where needed.





**Thank You!**





## PARKS & RECREATION COMMISSION REGULAR MEETING MINUTES July 7, 2022

### CALL TO ORDER

Chair McCarthy called the meeting to order at 5:30 pm via Zoom Online meeting.

### ROLL CALL

Chair McCarthy, Vice Chair Peter Struck, and Commissioners Don Cohen, Rory Westberg, Paul Burstein, Sara Marxen, and Ashley Hay were present for the Parks & Recreation Commission.

Councilmember Craig Reynolds was present.

Staff present were Jason Kintner, Alaine Sommargren, Ryan Daly, Eleanor Knight, Paul West, and Raven Gillis.

### APPEARANCES

1. Sue Stewart provided input on the Bike Skills Area
2. Brian Shiers provided input on the Bike Skills Area
3. Ira Appelman provided input on the Bike Skills Area

The Parks & Recreation Commission also received emails from several community members providing their input on the Aubrey Davis Park Trail Safety Improvement Project 30% Design, and the Bike Skills Area.

### DEPARTMENT REPORT

Division Manager Daly reported on the following items:

- Summer Celebration!
- Mercerdale Playground Ribbon-Cutting Ceremony
- Thank you to our Summer Celebration Sponsors!
- Shakespeare in the Park starts tonight!
- Mostly Music in The Park starts Thursday, 7/14 at Mercerdale Park
- Kirk Robinson Skate Park Dedication – Save the Date! Thursday, 7/28 at 5pm
- Aubrey Davis Park Picnic Shelter project is complete and available to rent!
- Island Pride
- South Mercer Playfield Project

### REGULAR BUSINESS

#### 1. Approval of Minutes

Minutes from the June 2, 2022 Regular Meeting were presented.

It was moved by Cohen; seconded by Struck to:

**Approve the minutes from the June 2, 2022 meeting**

Passed: 7 – 0

## 2. Chair and Vice-Chair Elections

Westberg nominated McCarthy for Chair  
There were no further nominations.

### Vote:

Passed: 7 – 0

McCarthy was elected Chair.

Cohen nominated Struck for Vice-Chair  
There were no further nominations.

### Vote:

Passed: 7 – 0

Struck was elected Vice-Chair.

## 3. Aubrey Davis Park Trail Safety Improvement Project 30% Design Revisions

Paul West and KPG Consultants presented. The Commissioners asked questions and offered input.

**Commission provided consensus for moving forward design elements.**

**Recess from 7:35 pm to 7:45 pm**

**MEETING continued at 7:45pm**

## 4. Bike Skills Area Discussion

Jason Kintner, Chief of Operations, and Alaine Sommargren, Deputy Public Works Director, presented. Commissioners reviewed the presentation, asked questions, engaged in discussion, and provided feedback.

It was moved by Burstein; seconded by Struck to:

**Recommend that the City Staff request funding from the City Council for a Bike Skills Area 30% Design project, to be located at Deane's Children's Park in the general area previously identified as Adventure Playground.**

Passed: 6 – 1

It was moved by Westberg; seconded by Struck to:

**Rescind the previous recommendation made to City Council (during the 4/26/22 PRC meeting) to establish an interim Bike Skills Area in Upper Luther Burbank Park pending identification of a permanent alternative site.**

Passed: 4 – 1 – 2

## 5. Parks and Recreation Commission Bylaws Review

Division Manager Daly presented the PRC Bylaws, suggested edits, and Commissioners' input.



It was moved by Burstein; seconded by Hay to:  
**Approve the Parks & Recreation Commission Bylaws as Amended**

Passed: 7 - 0

## **OTHER BUSINESS**

### **6. Planning & Meeting Schedule Update**

No updates

### **7. Commissioner Reports / Work Plan Update**

Westberg requested Council Member Reynolds provide a briefing on the upcoming Parks Levy at a future PRC meeting.

**ADJOURNMENT at 9:00 PM**



# PARKS & RECREATION COMMISSION STAFF REPORT

Item 3  
September 1, 2022  
Regular Business

## AGENDA ITEM INFORMATION

<b>TITLE:</b>	Public Art Donation Concept- "The Gathering Stacks"	<input checked="" type="checkbox"/> Discussion Only
<b>RECOMMENDED ACTION:</b>	Receive presentation, and, if desired, demonstrate support for the development of a design and proposal by the donor.	<input type="checkbox"/> Action Needed: <input type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

<b>STAFF:</b>	Ryan Daly, Recreation Manager
<b>COUNCIL LIAISON:</b>	Craig Reynolds
<b>EXHIBITS:</b>	<ol style="list-style-type: none"> <li>1. Park Improvement, Gift Acceptance, and Donor Recognition Policy</li> <li>2. Presentation- The Gathering Stacks</li> <li>3. Aerial View of Proposed Location for Donation</li> </ol>

## SUMMARY

The City of Mercer Island welcomes and encourages support from private individuals and entities that support the programs and services the Parks and Recreation Department (Public Works) and its assigned advisory boards, commissions, councils and groups provide to the public. Attached as Exhibit 1, the current *Park Improvement, Gift Acceptance, and Donor Recognition Policy* provides guidelines and procedures for receiving and considering donation and gift proposals.

This staff report will provide an introduction of a concept design for a public art and placemaking project donation from a Mercer Island resident ("donor"). Tonight, Berger Partnership, a landscape architecture firm contracted by the donor, will provide a presentation (Exhibit 2) and concept proposal for painting the "Stacks" in Aubrey Davis Park and other potential placemaking opportunities in the area. This presentation was delivered in similar format to the Mercer Island Arts Council at their [July 20 Regular Meeting](#). An aerial view of the site has been provided to identify the proposed location (Exhibit 3). Following the presentation, Berger Partnership would like to receive input and feedback from the Parks and Recreation Commission to inform possible next steps by the donor.

### BACKGROUND

In early 2021, a Mercer Island resident (wishing to remain anonymous at this time) approached City staff with the request to donate a project, which, when completed, would offer community gathering space and placemaking elements at the area east of the tennis courts in Aubrey Davis Park, which hosts the WSDOT ventilation stacks for Interstate 90, known colloquially as the "Stacks." The donor's intent was to create a location where people could passively come together to engage, reflect, escape, and connect.

Recognizing limitations on City staff capacity and with a strong desire to see this potential project move forward in a successful manner, the donor contracted with Berger Partnership to begin work on a concept design. Berger Partnership began to engage City staff with a draft concept in January 2022 and has requested

to present their concept proposal to the Mercer Island Arts Council and Mercer Island Parks and Recreation Commission for review and reaction.

### **DISCUSSION**

Before the donor invests additional personal resources in a design proposal, they request the Parks and Recreation Commission discuss the merits of the proposed donation and, if desired, demonstrate support for the donor and Berger Partnership to move forward with developing a complete design and final proposal for review and possible acceptance by the City. This potential project is not identified within the Capital Improvement Program and would be considered a donation, which requires acceptance by City Council.

Key Questions to consider:

- Would this concept be a benefit to the community of Mercer Island?
- Does this project concept align as part of the [Aubrey Davis Park Master Plan](#)?
- Does the Parks and Recreation Commission support this concept moving forward?

### **NEXT STEPS**

Following the Parks and Recreation Commission meeting, the donor will decide whether or not to continue the project in to design.

#### **If the donor elects to continue the project forward:**

- City staff will coordinate with the donor to determine the scope of the donation and responsibilities as well as identify what capital and operational impacts the project may have on the City budget.
- City staff would assist in engaging WSDOT on the potential concept, as the property owner WSDOT must give approval before a project can be completed at the proposed site.
- Once a scope of the donation is confirmed and potential impacts to the City budget are known, the donor would return to the respective boards to present their proposed donation. At that time, the donor may request the Arts Council and Parks and Recreation Commission review the design, provide additional feedback, and provide a recommendation to the City Council on the proposal.

Following recommendations from the Arts Council and/or Parks and Recreation Commission, staff would coordinate with the donor to present the donation to City Council for acceptance.

### **RECOMMENDED ACTION**

Receive presentation, and, if desired, demonstrate support for the development of a design and proposal by the donor.

## **DEPARTMENT POLICY**

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### **City of Mercer Island Parks and Recreation Department PARK IMPROVEMENT, GIFT ACCEPTANCE AND DONOR RECOGNITION**

#### **1.0 INTRODUCTION**

The City of Mercer Island Parks and Recreation Department welcomes and encourages support from private individuals and entities that support the programs and services the Department and its assigned advisory boards, commissions, councils and groups provide to the public.

#### **2.0 PURPOSE**

To establish a policy, criteria, guidelines and procedures for receiving and considering proposals to initiate funded, partially funded or unfunded capital projects, including gift and donor recognition projects or undertake changes to a park property that will in the judgment of the Director, modify the property's use, appearance or overall aesthetics

#### **3.0 POLICY**

It is the policy of the City of Mercer Island:

- 3.1 To facilitate publicly and privately funded park improvement proposals and encourage public and private gifts, bequests, and such contributions that enhance, beautify, improve, supplement, support, or otherwise benefit the park and recreation system.
- 3.2 To accept only those gifts, park improvements and donor recognition objects that are consistent with the mission, policies, park property restrictions, park master plans and most current Comprehensive Parks, Recreation, Open Space, Trails and Art Plan of the Mercer Island Parks and Recreation Department and the mission and policies of its assigned advisory boards, commissions, councils or groups.
- 3.3 To accept only those gifts, park improvements and donor recognition objects given with the full understanding that they become the property of the City and are subject to the laws, policies and procedures that govern the Parks and Recreation Department and its assigned advisory boards, commissions, councils or groups.
- 3.4 To encourage the development of park master plans for major park, open space, trail and recreation areas (i.e. Luther Burbank Park, I-90 Lid, Mercerdale Park, Homestead Field, Island Crest Park, South Mercer Playfields, and Pioneer Park), and to update such plans as needed to incorporate significant changes in trends, use patterns, amenities and features, operations and maintenance and/or incorporate adjacent or connecting properties.
- 3.5 To solicit and encourage public comment and involvement in the development of park master plans.
- 3.6 To accept gifts of land, from private individuals, for-profit corporations, not-for-profit organizations and public entities when City ownership will further the objectives of the City as identified in the park and open space evaluation and acquisition



**City of Mercer Island Parks and Recreation Department****PARK IMPROVEMENT, GIFT ACCEPTANCE AND DONOR RECOGNITION**

procedures and current Comprehensive Parks, Recreation, Open Space, Trails and Art Plan.

- 3.7 To accept gift and park improvement proposals, other than land, from private individuals, for-profit corporations, not-for-profit organizations and public entities which:
  - 3.7.1 Are given with no contingencies other than that they be used for a specific program, activity or area of programming. (Gifts from corporate donors who have a corporate sponsorship requirement fall under a yet to be developed Corporate Sponsorship Policy);
  - 3.7.2 The City is not obligated to replace if the gift or park improvement is stolen, vandalized, worn out, irreparably damaged or destroyed.
- 3.8 To strongly discourage gift and park improvement proposals that, in the judgment of the Parks and Recreation Director, are incompatible with the park location, other park uses or users.
- 3.9 To strongly discourage gift, park improvement and donor recognition object proposals that are memorial in nature, to emphasize that the park system exists to meet the varied recreational, social, wellness, and educational needs of park users.
- 3.10 To protect designated open space and green space areas as fundamental aspects of the quality of life on Mercer Island, and to limit gifts and park improvements in those areas to benches, trees or other plant materials. Benches should be placed only where placement is deemed a park or recreational necessity as determined by guidelines developed, monitored, and evaluated by Department staff and designated landscape architects.
- 3.11 To prohibit donor recognition objects on gifts in designated open space and green space areas.
- 3.12 To limit, as much as possible, plaques and visible recognition objects to areas of a park recognized as "built" environments, i.e., benches, picnic tables, water fountains, buildings, play areas, ballfields, tennis courts, etc.
- 3.13 To limit, as much as possible, all gifts and park improvements in "built" environments to items that complement those environments, e.g., murals for buildings; turf/fall surfacing/sand/benches/tables/play equipment for play areas; turf/backstops/bleachers/scoreboards/fences for ballfields; nets/posts for tennis courts; backboards/nets/scoreboards for basketball courts.
- 3.14 To limit, as much as possible, the number of donor recognition projects that involve decorative tiles, pavers, and artwork that require mounting on walls, concrete, or any other surface that enhances the "gray" and detracts from the "green" characteristics of our parks. Such projects may require a verifiable demonstration of community support.

**City of Mercer Island Parks and Recreation Department****PARK IMPROVEMENT, GIFT ACCEPTANCE AND DONOR RECOGNITION**

- 3.15 To limit, as much as possible, the number of park improvements that involve surfaces that enhance the “gray” and detract from the “green” characteristics of our parks. Such projects may require a verifiable demonstration of community support.
- 3.16 To ensure that all donor recognition objects are consistent with design guidelines approved by the City of Mercer Island.

**4.0 DEFINITIONS**

- 4.1. Assigned advisory boards, commissions, councils or groups are any working or advisory board or committee created by City Council action or initiated by the Mayor or City Manager’s Office and assigned to or administratively supported by the Parks and Recreation Department.
- 4.2. Gifts are all gifts, bequests, or donations to include but not be limited to endowments, real property, structures or portions of structures; money or negotiable securities; materials; equipment, flora, or fauna; improvements to facilities or land; statues, monuments, sculptures, murals and other works of art; plaques, graphics and/or signs; or recreation and cultural arts program instruction, equipment and supplies.
- 4.3. Donor Recognition Object is a physical object placed in a park to acknowledge a gift donor
- 4.4. Donor is a private individual, for-profit company, non-profit organization, or public agency wishing to donate funds or objects to the Department
- 4.5. Donor Recognition Project is a proposal and plan for placing a donor recognition object at a park or park facility
- 4.6. Gift Needs Inventory is a list of identified Department operational and capital needs which would make appropriate gifts.
- 4.7. Memorial Art is any statue, monument, sculpture, mural, memorial, or other structure or landscape feature designed to perpetuate in a permanent manner the memory of a person, group, event or other significant element of history.
- 4.8. Park Improvement Proposal may include a funded, partially funded or unfunded capital project(s) request consisting of real property, structures, or portions of structures; materials; equipment; flora or fauna; improvements to facilities or land and other non-art items.
- 4.9. Park Improvement Proposer is a private individual, for-profit company, non-profit organization, or public agency wishing to initiate a funded, partially, funded or unfunded capital project(s) consisting of real property, structures, or portions of structures; materials; equipment; flora or fauna; improvements to facilities or land and other non-art items.

**5.0 RESPONSIBILITY**

- 5.1. The Parks and Recreation Director, or appointed designee, is responsible for:
  - 5.1.1. Receiving all gift, park improvement and donor recognition proposals, including memorial and non-memorial art, and related donor recognition objects and making an initial decision to either accept or reject.
  - 5.1.2. Determining the appropriateness and compatibility of all details of the proposed gift, park improvement and/or donor recognition object, including but not limited to the location, impact on other park uses or users, the size, scale, color, design, materials, contractor, and construction schedule
  - 5.1.3. Advancing approved gift and park improvement proposals to assigned and applicable advisory boards, commissions, councils or groups for design review and refinement.
  - 5.1.4. Making the final decision on acceptance of all gift, park improvement and donor recognition object proposals, unless determining it appropriate for City Council Park and Recreation Committee consideration or full City Council decision.
  - 5.1.5. Declining proposed gift, park improvement or donor recognition object proposals that are limited by special restrictions, conditions or covenants, which pose extreme budgetary obligations on the City, or which, in the opinion of the Director, may not be in the best interest of the park system and/or citizens of Mercer Island.
  - 5.1.6. Making the final decision on the park, recreation area, trail and open space location for the placement of specific gifts, park improvements and donor recognition objects.
  - 5.1.7. Determining the life expectancy of gifts and park improvements; their appropriateness, usefulness and continued value to the park system and to the City; and their retention, relocation, modification, improvement, return to donor, transfer, sale, donation to other agency, or other disposition in conjunction with the Arts Council policies for art deaccessioning.
  - 5.1.8. Determining anticipated costs associated with ongoing maintenance of gifts, park improvements and donor recognition objects, including statues, monuments, sculptures, murals and other works of memorial and non-memorial art and related donor recognition objects, in conjunction with other advisory boards, commissions, councils or groups as appropriate.
  - 5.1.9. Generating a "Gift Needs Inventory" and reviewing it for currency once a year.
- 5.2. The Donor or Park Improvement Proposer is responsible for:
  - 5.2.1. A portion or all of the financial costs of gifts, park improvements and donor recognition objects, and their installation if determined appropriate by the



Parks and Recreation Director. *(The City is under no obligation to replace stolen, vandalized, irreparably damaged or destroyed recognition objects).*

- 5.2.2. A portion or all of the financial costs associated with ongoing maintenance of gifts, park improvements and donor recognition objects, including statues, monuments, sculptures, murals and other works of art and related donor recognition objects, if determined appropriate by the Parks and Recreation Director, in consultation with applicable advisory councils, commissions, boards or groups as appropriate.
- 5.2.3. Appearing before the applicable advisory council, commission, board or group to present their gift, park improvement and/or donor recognition object proposal.
- 5.3. The Arts Council is responsible for:
  - 5.3.1. Receiving and considering a gift proposal advanced from the Parks and Recreation Director, or designee, that is in the form of a memorial or non-memorial statue, monument, sculpture, mural, and other work of art and associated donor recognition object.
  - 5.3.2. Advancing the gift proposal for memorial or non-memorial art and associated donor recognition object to the Public Art Committee and Parks and Recreation liaison for design review and approval considering applicable Arts Council criteria which may include: artistic merit, aesthetic quality, credentials of the artist, installation methods, maintenance requirements, proposed location, the functional or design contribution to the setting, relationship to circulation and use patterns, quality, scale and character of the art proposal and, and installation methods and refining the proposal as needed.
  - 5.3.3. Receiving the refined gift proposal for memorial or non-memorial art from the Public Art Committee for further refinement as needed and advancing the recommended proposal to the Parks and Recreation Director, or designee, for final approval.
  - 5.3.4. Insuring that public comment and feedback is solicited and considered for all art and associated donor recognition objects by providing for a public comment period which may include neighborhood mailings, workshops, open houses, public meetings, advertisements and notices in local media, postings on the City's website, and other methods appropriate to collect citizen input.
  - 5.3.5. Providing the Parks and Recreation Director the name(s) of recommended park, recreation area, trail and open space locations for the placement of statues, monuments, sculptures, murals and other works of art and associated donor recognition objects.
  - 5.3.6. Determining anticipated costs associated with ongoing maintenance of memorial and non-memorial statues, monuments, sculptures, murals and other works of art and related donor recognition objects, in conjunction with

**City of Mercer Island Parks and Recreation Department****PARK IMPROVEMENT, GIFT ACCEPTANCE AND DONOR RECOGNITION**

the Parks and Recreation Director and/or other advisory councils, commissions, boards or groups as appropriate.

- 5.3.7. Providing an appraisal of memorial and non-memorial statues, monuments, sculptures, murals and other works of art after final acceptance by the Parks and Recreation Director and updating appraisal information as needed consistent with established Arts Council policies and procedures and City insurance requirements.

- 5.4. The City Council is responsible for:

- 5.4.1. Reviewing proposals for gifts, park improvements and donor recognition objects referred to it by the Parks and Recreation Director and for making a final acceptance or rejection decision.

# THE GATHERING STACKS

A Mercer Island Community Space



# AN OPPORTUNITY

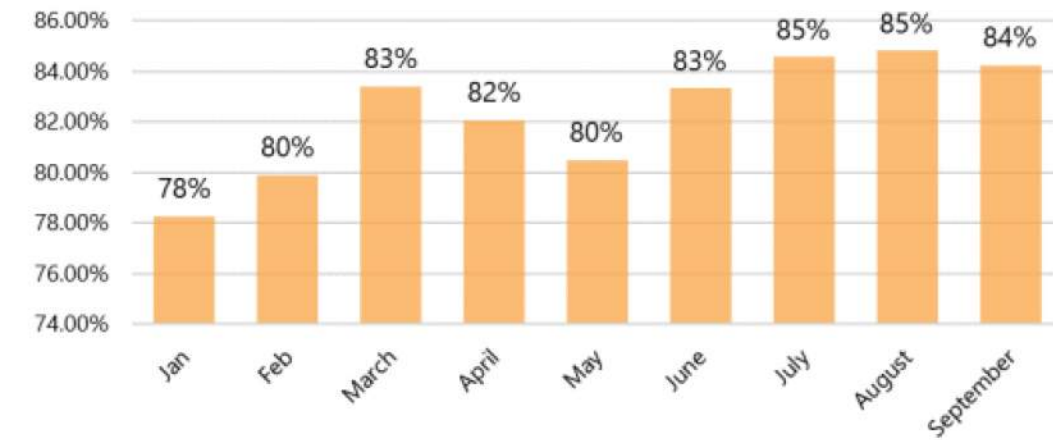
A need has been identified for a passive place of  
**inspiration and introspection,**  
as well as  
**congregation and community,**  
on the island.



# A COMMUNITY IN NEED

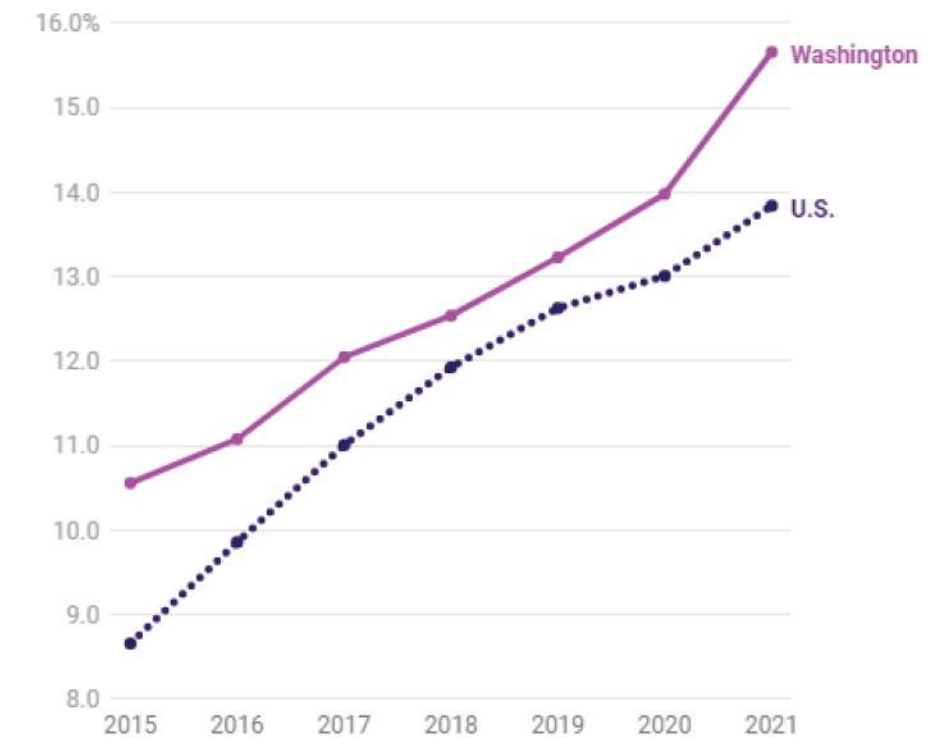
- Mercer Island is a community of abundance, yet there is a surprising amount of struggle
- The trend of struggle is worsening, especially with the effects COVID-19
- Disease management literally developed a culture of apartness, now we must retrain ourselves to engage

Percent Scoring Moderate to Severe Depressed (PHQ-9) January - September 2020 Item 3.



“Throughout the COVID-19 pandemic, youth ages 11 - 17 were more likely than any other age group to score for moderate to severe symptoms of anxiety and depression.”

12- to 17-year-olds Reporting One Major Depressive Episode Within the Last Year



Source: Mental Health America, 2021



# PROPOSED SITE AN INTRIGUING PLACE





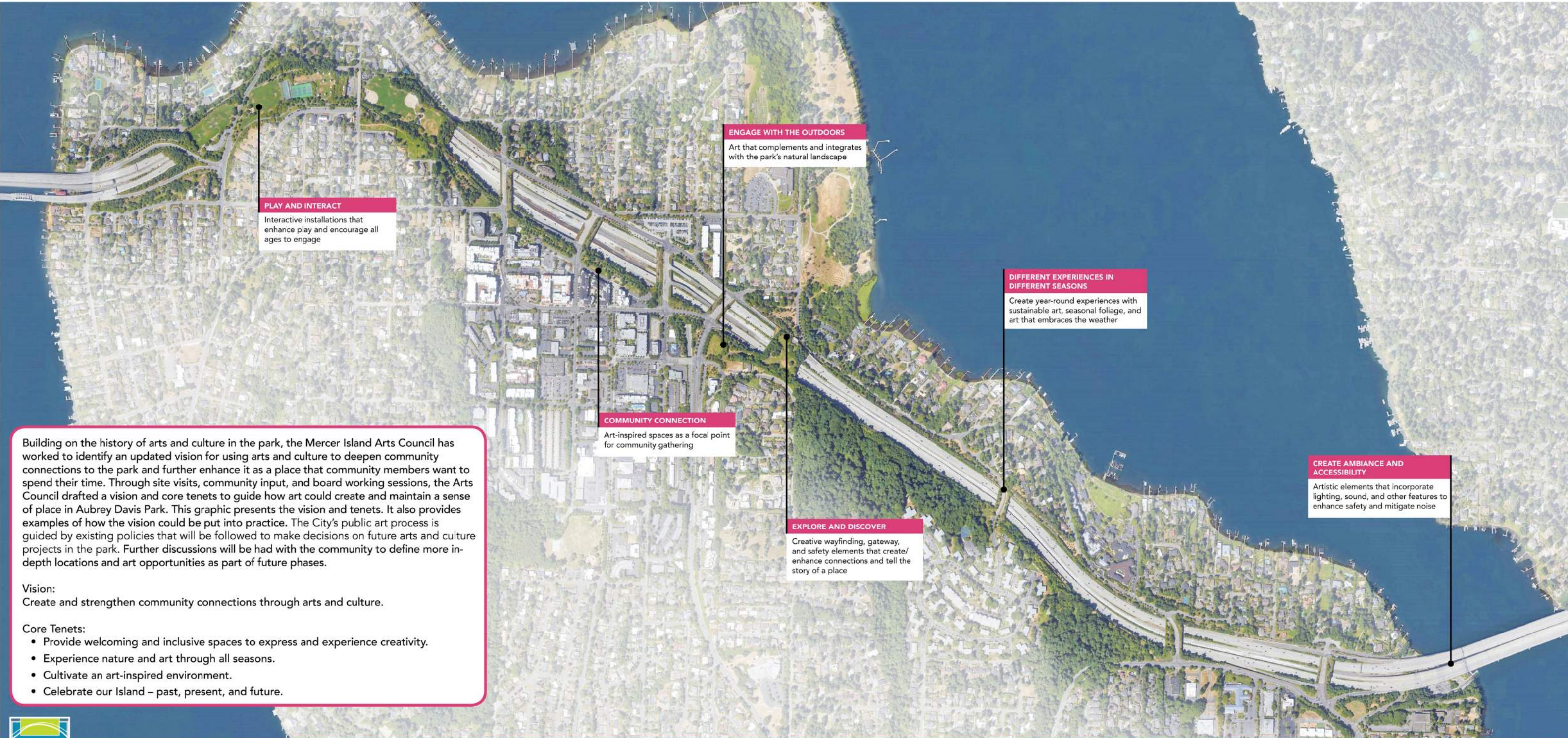
# THE STACKS THE POWER OF THIS PLACE



HIDDEN DISCOVERY  
PROMONTORY  
PERCH  
ELEVATED  
VIEWS TO AFAR  
UNNATURAL LANDSCAPE  
UNINSPIRED UTILITY  
PASSED BY PLACE  
POWERFUL SCALE  
**A CHERISHED PLACE**



# AUBREY DAVIS PARK MASTER PLAN PLACEMAKING + HIERARCHY



**PLAY AND INTERACT**  
Interactive installations that enhance play and encourage all ages to engage

**ENGAGE WITH THE OUTDOORS**  
Art that complements and integrates with the park's natural landscape

**COMMUNITY CONNECTION**  
Art-inspired spaces as a focal point for community gathering

**EXPLORE AND DISCOVER**  
Creative wayfinding, gateway, and safety elements that create/enhance connections and tell the story of a place

**DIFFERENT EXPERIENCES IN DIFFERENT SEASONS**  
Create year-round experiences with sustainable art, seasonal foliage, and art that embraces the weather

**CREATE AMBIANCE AND ACCESSIBILITY**  
Artistic elements that incorporate lighting, sound, and other features to enhance safety and mitigate noise

Building on the history of arts and culture in the park, the Mercer Island Arts Council has worked to identify an updated vision for using arts and culture to deepen community connections to the park and further enhance it as a place that community members want to spend their time. Through site visits, community input, and board working sessions, the Arts Council drafted a vision and core tenets to guide how art could create and maintain a sense of place in Aubrey Davis Park. This graphic presents the vision and tenets. It also provides examples of how the vision could be put into practice. The City's public art process is guided by existing policies that will be followed to make decisions on future arts and culture projects in the park. Further discussions will be had with the community to define more in-depth locations and art opportunities as part of future phases.

**Vision:**  
Create and strengthen community connections through arts and culture.

**Core Tenets:**

- Provide welcoming and inclusive spaces to express and experience creativity.
- Experience nature and art through all seasons.
- Cultivate an art-inspired environment.
- Celebrate our Island – past, present, and future.





# AUBREY DAVIS PARK MASTER PLAN ARTS + PLACEMAKING



**PLAY AND INTERACT**  
Interactive installations that enhance play and encourage all ages to engage.

**PLAY AND INTERACT**  
Interactive installations that enhance play and encourage all ages to engage.

**ENGAGE WITH THE OUTDOORS**  
Art that complements and integrates with the park's natural landscape.

**VISION**  
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**CORE TENETS:**

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**CREATE YEAR-ROUND EXPERIENCES WITH SUSTAINABLE ART, SEASONAL COLLEGE, AND ART THAT EMBODIES THE SEASIDE.**

**ARTISTIC ELEMENTS THAT INCORPORATE LIGHTING, SOUND, AND OTHER FEATURES TO ENHANCE SAFETY AND MITIGATE NOISE.**



# AUBREY DAVIS PARK MASTER PLAN COMMUNITY INPUT

“The Stacks are an **amazing, unique community asset** that can be projected or painted on or provide an interactive stage for performances at the site that create **community gathering** and new shared community events at the site.”

- Aubrey Davis Park Master Plan Appendix J: Arts & Culture Opportunities

“Art that **ties into public utilities** and functional aspects of the site.”

- Aubrey Davis Park Master Plan Appendix K: Community Outreach Events: Public Forum

“Immersive art experience;  
**moving through the stacks** for example...”

- Aubrey Davis Park Master Plan Appendix K: Community Outreach Events: Public Forum



# THE EXPERIENCE IT STARTS WITH THE STACKS





# EMBRACING BOLD COLOR DRAW PEOPLE IN!





# THE POWER OF A WORD DRAW PEOPLE IN!



# THE POWER OF A WORD

PHILOSOPHY REFLECT  
RELAX PROGRESS COMMUNITY  
THINKING COMTEMPLATION  
NATURE POETRY  
REMEMBERANCE LANDSCAPE COURAGE THOUGHT  
CONVERGENCE CHANGE IMPACTFUL PEACE  
ENGAGE PARK



# THE POWER OF THOUGHT

## CHANGE

"Once we have tasted far streams, touched the gold, found some limit beyond the waterfall, a season changes and we come back changed but safe, quiet, grateful."

- William Stafford  
(PNW Poet)

## STRENGTH

"We are what we repeatedly do. Excellence then, is not an act, but a habit."

- Aristotle

## UNITY

"A healthy social life is found only when, in the mirror of each soul, the whole community finds its reflection, and when, in the whole community, the virtue of each one is living."

- Rudolf Steiner

## PERSEVERE

"You may not control all the events that happen to you, but you can decide not to be reduced by them."

- Maya Angelou

## HOPE

"Hope is the thing with feathers that perches in the soul and sings the tune without the words and never stops at all."

- Emily Dickinson

## REMEMBER

"But as long as you remember what you have seen, then nothing is gone. As long as you remember, it is part of this story we have together."

- Leslie Marmon Silko  
(Native American Poet)

## ENDURE

"It does not matter how slowly you go as long as you do not stop."

- Confucius

## COURAGE

"To be yourself in a world that is constantly trying to make you something else is the greatest accomplishment."

- Ralph Waldo Emerson

## LEARN

"Education is the ability to listen to almost anything without losing your temper or your self-confidence."

- Robert Frost

## LOVE

"Love is such a powerful force. It's there for everyone to embrace - that kind of unconditional love for all of humankind. That is the kind of love that impels people to go into the community and try to change conditions for others, to take risks for what they believe in."

- Coretta Scott King



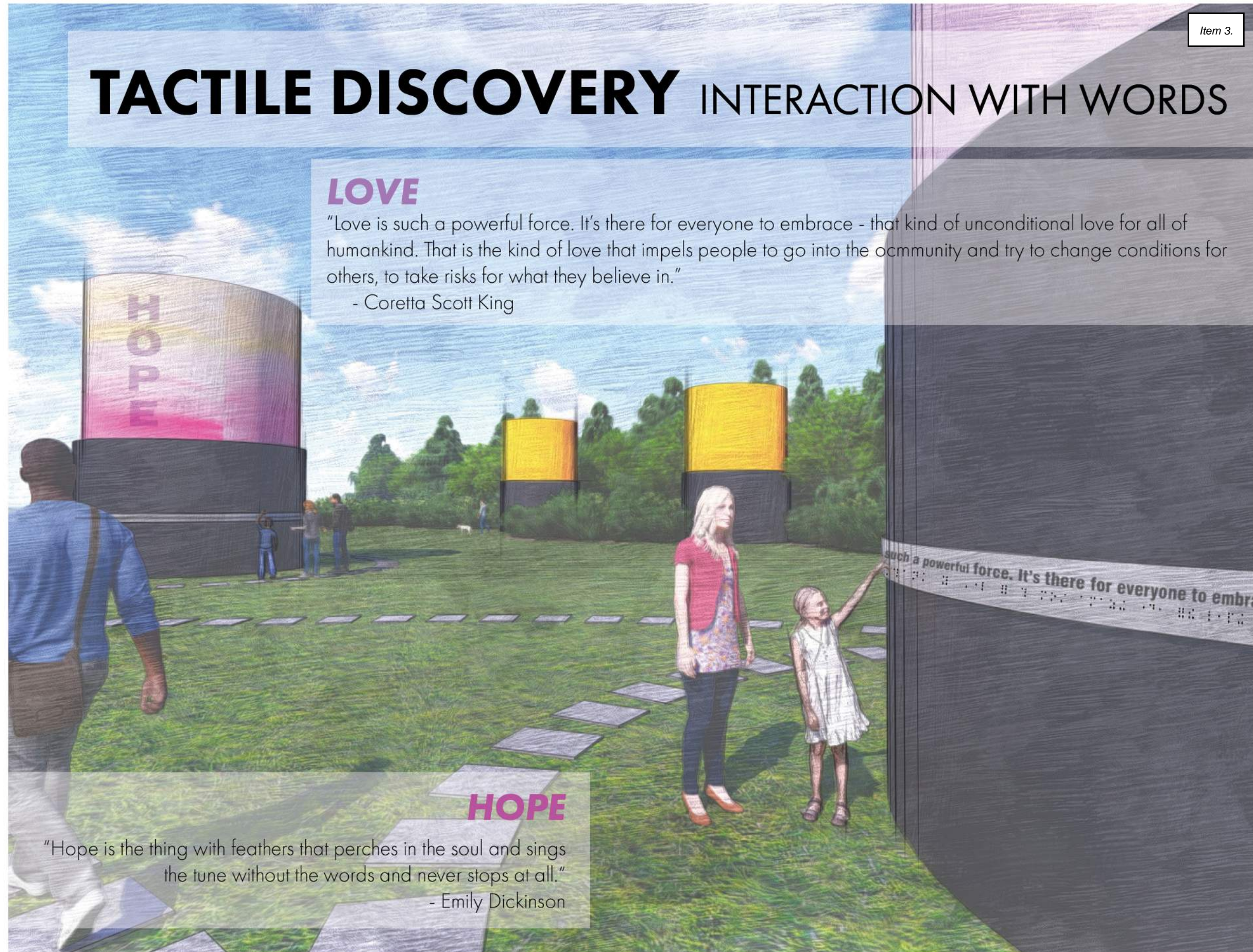
# TACTILE DISCOVERY INTERACTION WITH WORDS



## LOVE

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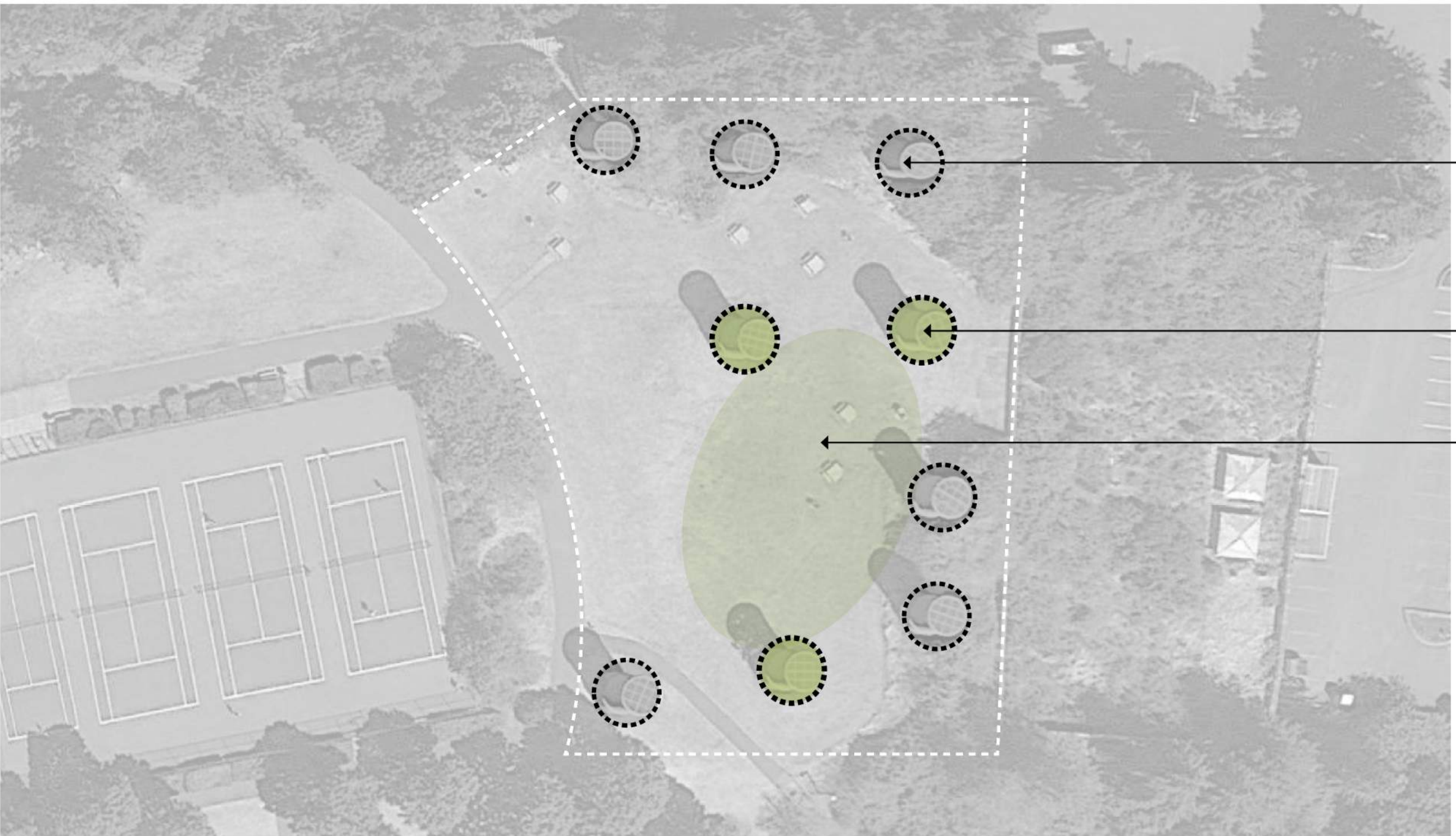
## HOPE

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# SHAPING A JOURNEY PLACEMAKING WITHIN THE STACKS



BACKGROUND STACKS

FEATURE STACKS

GATHERING AND CIRCULATION SPACE

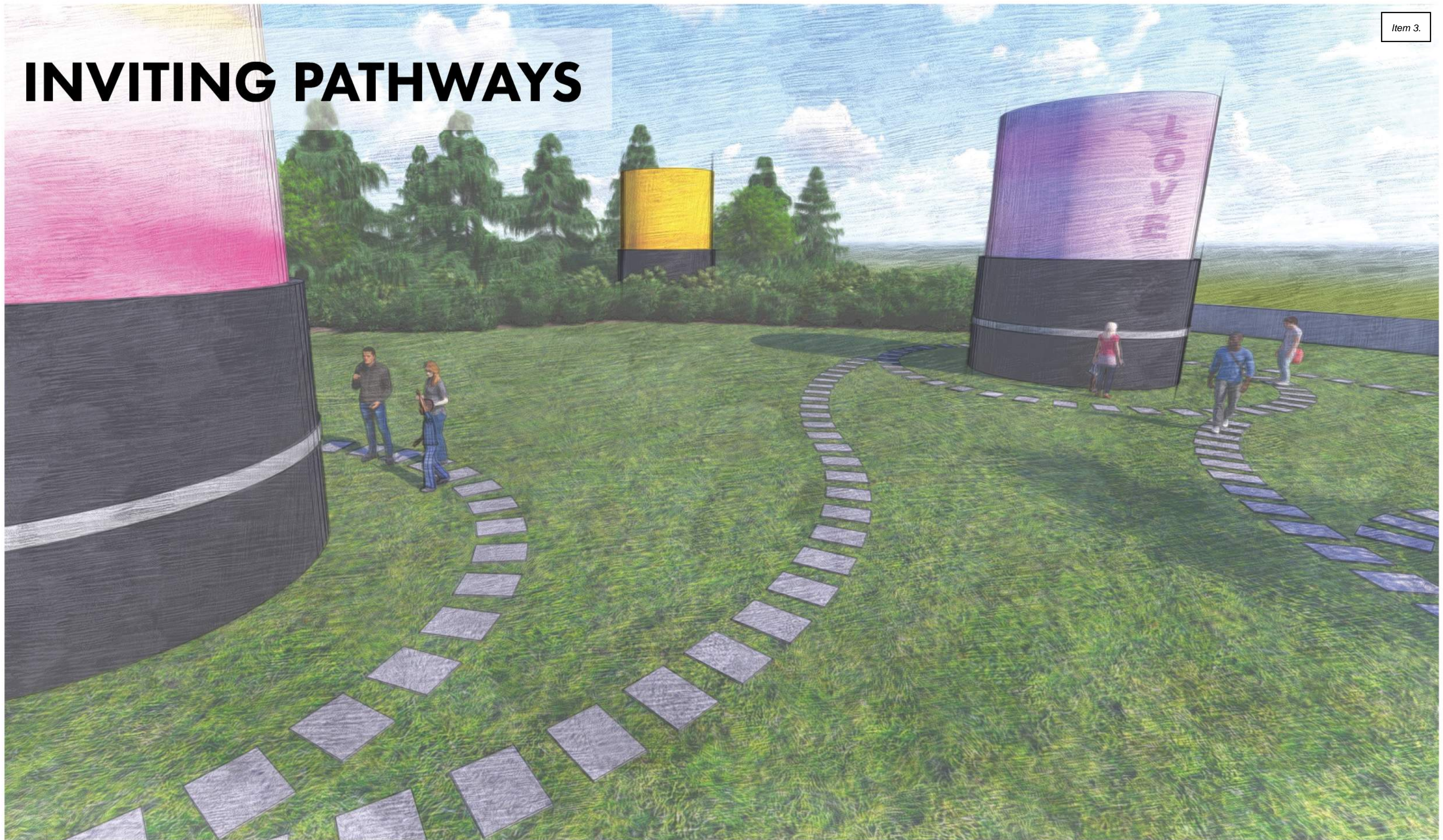


# SHAPING A JOURNEY



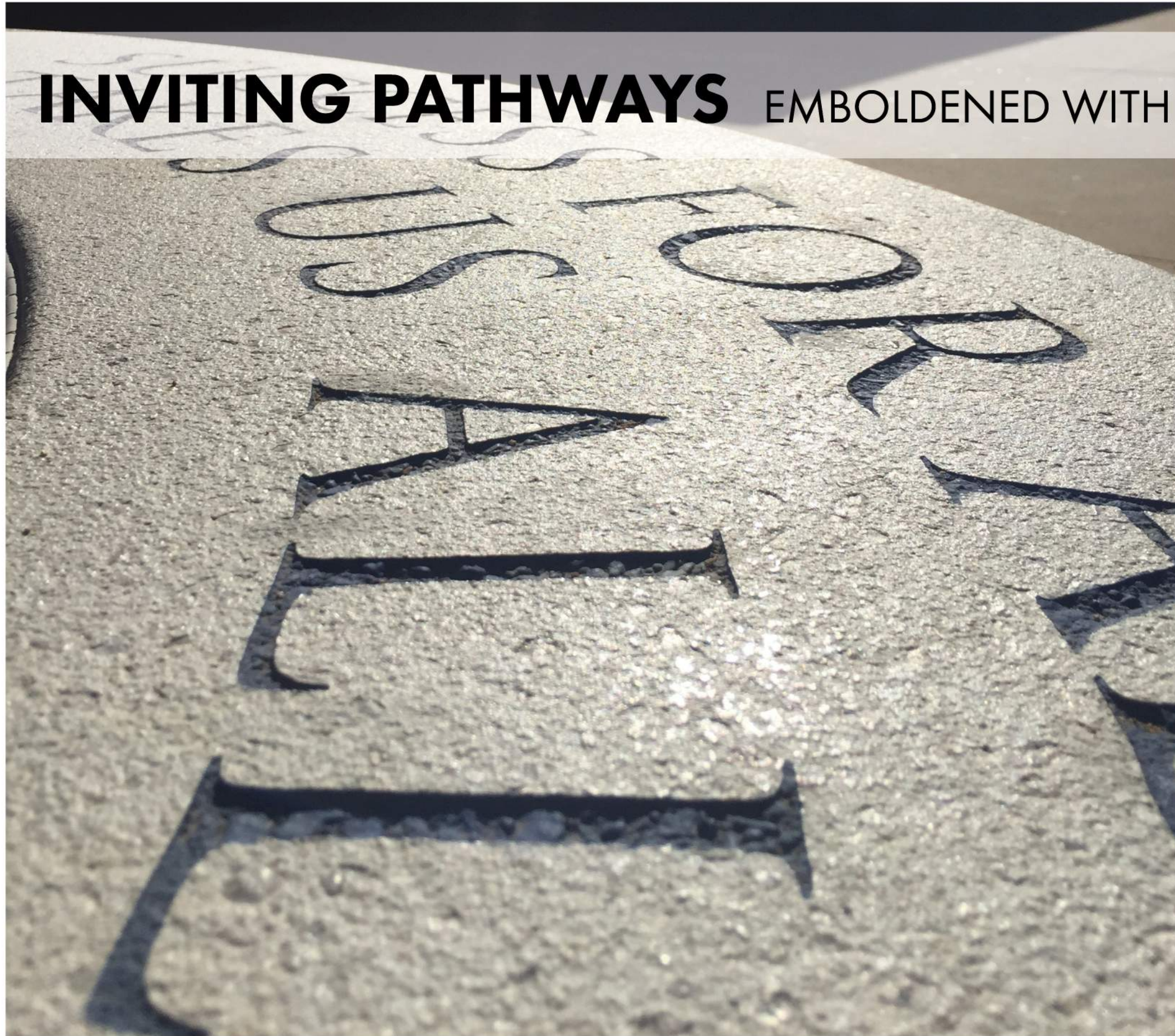


# INVITING PATHWAYS





# INVITING PATHWAYS EMBOLDENED WITH WORD AND THOUGHT

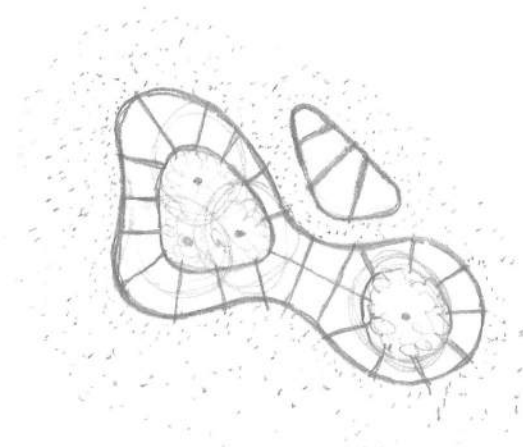
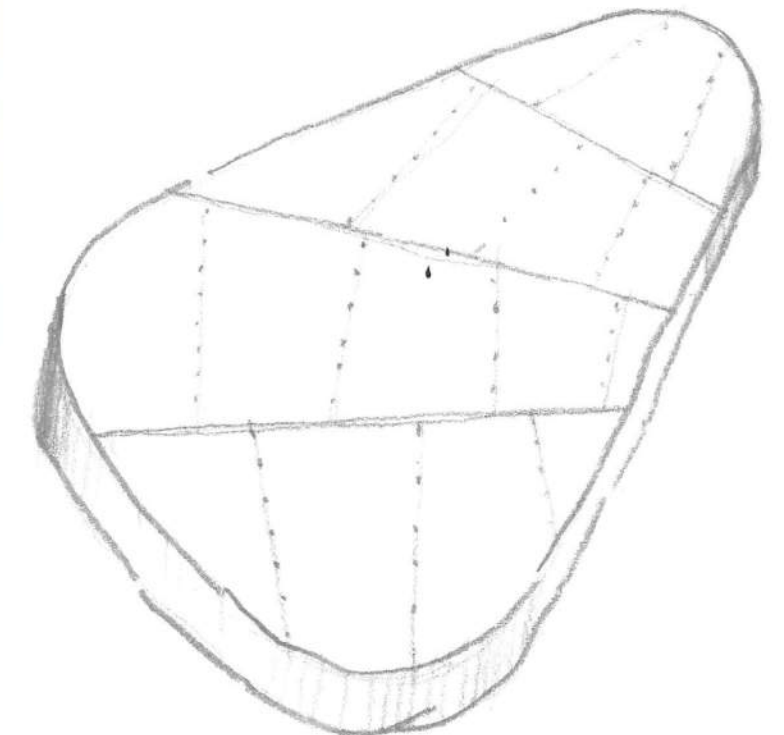




# ADDING AMENITY

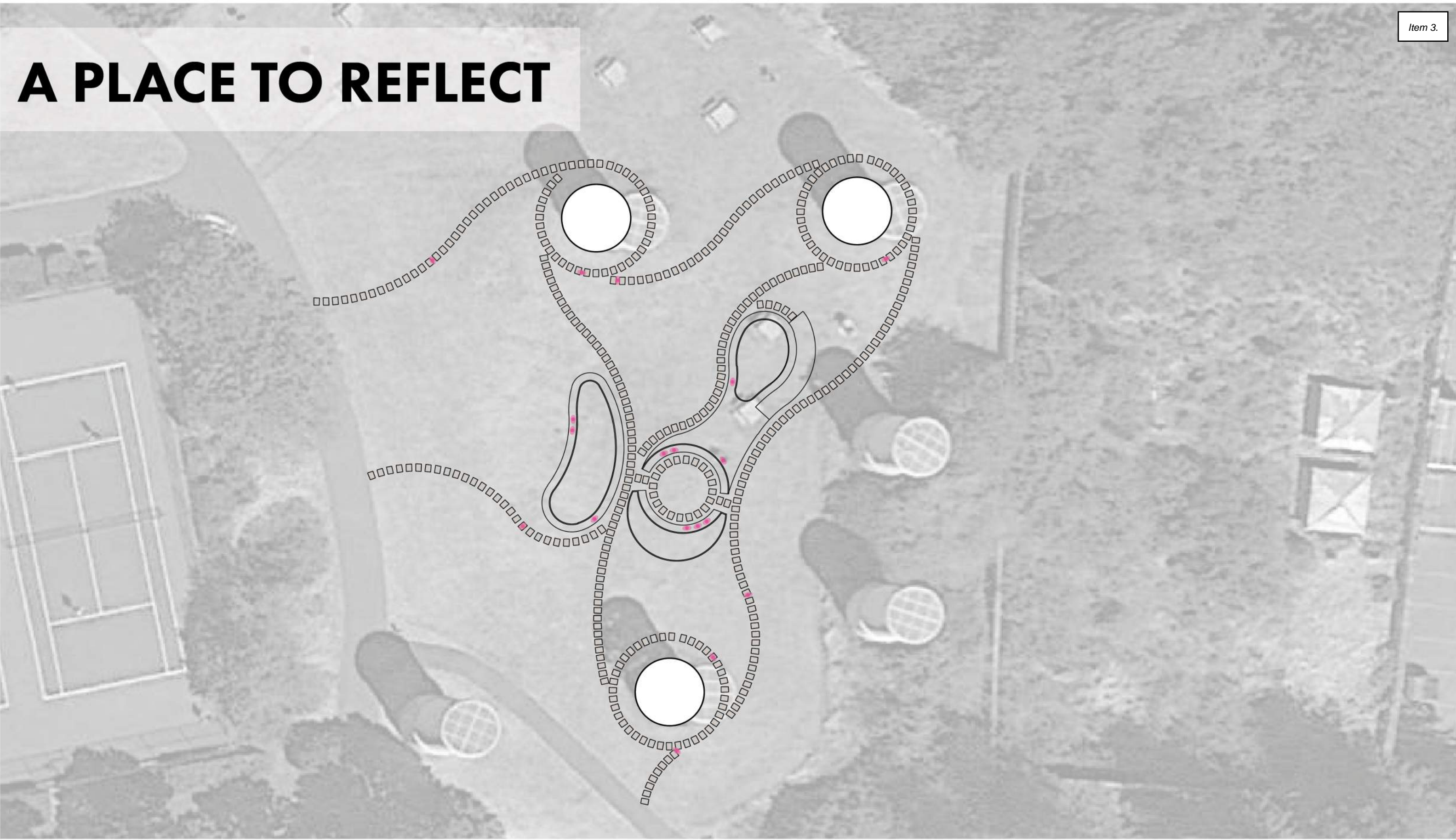
GATHERING ALONE... OR TOGETHER...

Item 3.



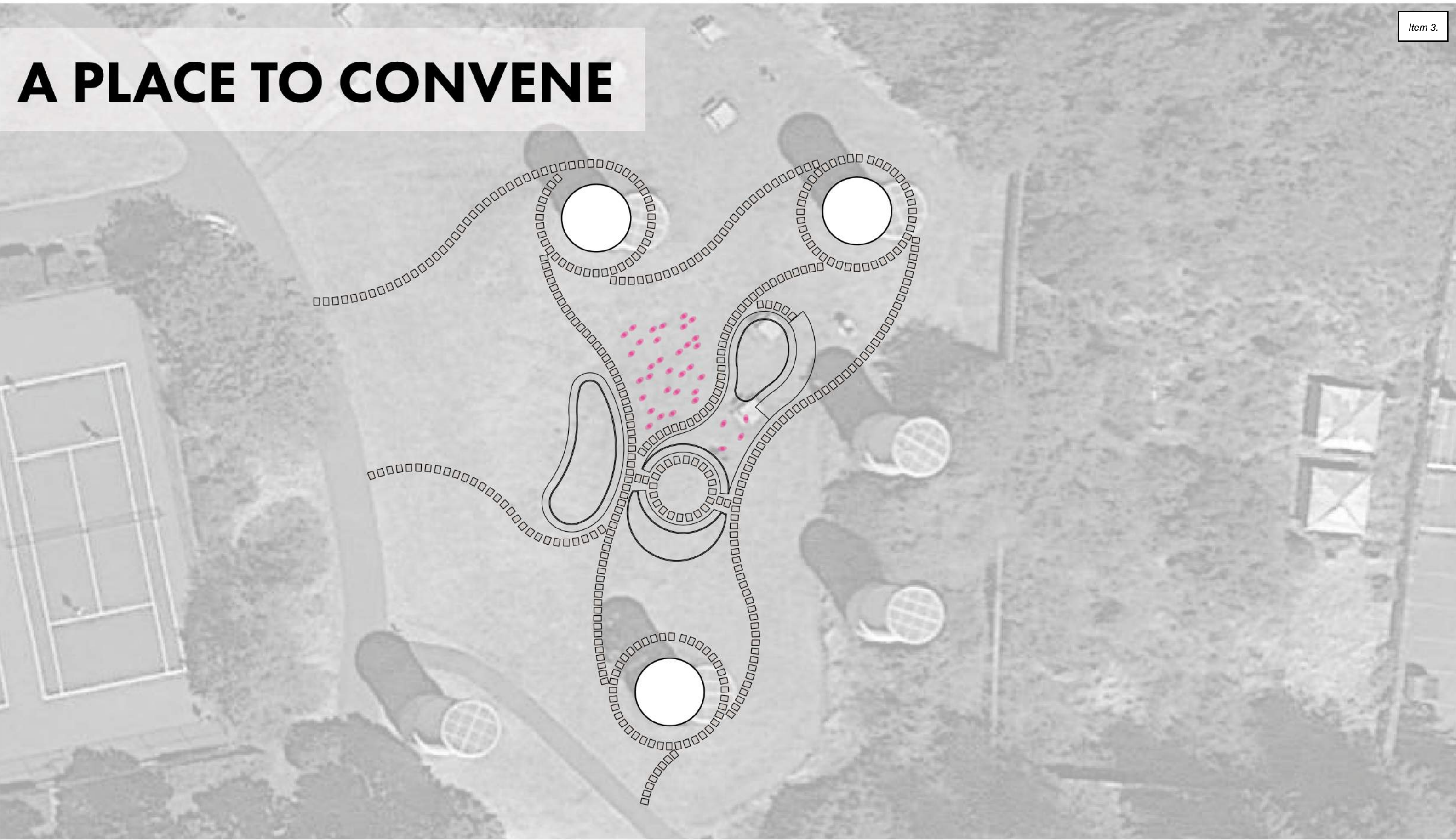


# A PLACE TO REFLECT





# A PLACE TO CONVENE

















# WHAT'S NEXT?

- Confirm Community Support
- Hone Donation Details
- Right-Size the Project - it's Designed to Grow!
- Coordination with the City and WSDOT



# ADP Stacks



Item 3.



### Legend

March 2020

- Red: Band\_1
- Green: Band\_2
- Blue: Band\_3

0                      208                      417  
 ─────────────────────────────────── Feet

1 inch =  
 416.666666666667  
 feet



Disclaimer: These maps were developed by the City of Mercer Island and are intended to be a general purpose digital reference tool. These maps are not an accepted legal instrument for describing, establishing, recording or maintaining descriptions for property concerns or boundaries. The City makes no representation or warranty with respect to the accuracy or currency of these data sets, especially in regard to labeling of surveyed dimensions, or agreement with official sources such as records of survey, or mapped locations of features.

### Notes





# PARKS & RECREATION COMMISSION STAFF REPORT

Item 4  
September 1, 2022  
Regular Business

## AGENDA ITEM INFORMATION

<b>TITLE:</b>	Aubrey Davis Park Trail Safety Improvement Project 30% Design Revisions	<input type="checkbox"/> Discussion Only
<b>RECOMMENDED ACTION:</b>	Approve revised 30% design; Approve transmittal memo to City Council	<input checked="" type="checkbox"/> Action Needed: <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

<b>STAFF:</b>	Paul West, CIP Project Manager
<b>COUNCIL LIAISON:</b>	Craig Reynolds
<b>EXHIBITS:</b>	<ol style="list-style-type: none"> <li>ADTS 30% Design Plans</li> <li>Email comments to PRC since the July 7, 2022 meeting</li> <li>ADTS Revised 30% Cost Estimate</li> <li>City Council Recommendation Memorandum</li> </ol>

## SUMMARY

### BACKGROUND

At its July 7, 2022 meeting, the Parks and Recreation Commission (PRC) reviewed revisions to the 30% design for the Aubrey Davis Park Trail Safety Improvement Project (ADTS) presented by the City’s consultant, KPG Psomas. Revisions were mostly focused on the ballfield/restroom area and included:

- Reduced furnishings;
- Additional low fencing to reduce pedestrian cut-through from the 72<sup>nd</sup> Avenue parking lot;
- Reduced paving from previous versions (the functional need for areas where additional paving remains was reviewed at the meeting);
- Addition of the roundabout to Schedule A;
- Increased diameter of the roundabout to effect slower traffic speeds;
- Replaced decorative paving in the roundabout center with grass or low vegetation surrounded by a rolled curb edge;
- Additional reflective paint and warning signage on the approaches to the roundabout;
- Additional “slow zone” elements for trail users heading east from West Mercer Way intersection; and
- Additional signage (***Bike Route*** and ***Mercer Island Loop***) directing cyclists to designated street routes at the West Mercer Way intersection.

The PRC agreed that the improvements in Schedule A would constitute PRC’s recommendation to City Council. A revised 30% design is provided in Exhibit 1. If recommended by the PRC, this would be the product that is forwarded to City Council for approval.

### REMAINING DESIGN ISSUES

The PRC significantly refined the 30% design through its previous discussion. At the end of the last meeting, it appeared that there was consensus for most design issues; however, staff identified three areas that need



additional consideration from the PRC.

### **1. Roundabout details**

At the July 7 meeting, there was significant discussion of the details of the roundabout. The radius of the center island, the height and profile of the curb, and warning markings and signs were discussed. The Design Team confirmed its opinion that the roundabout is a way to improve circulation through the intersection. Subsequently to the meeting, the PRC received email comment (See Exhibit 2). The concerns included the poor lighting in the roundabout location, the limited sight-distance for trail users coming into the roundabout, the potential for slippery surfaces created by thermoplastic surfacing, the trail width in the roundabout, and the need to separate pedestrians from bicycles in the roundabout.

The Design Team has provided the following commentary in response.

- The roundabout concept was discussed with Brian Walsh, WSDOT State Traffic Design Engineer, and there was general support that the City was considering a bicycle / pedestrian treatment for this regional facility. He discussed a similar application in Thurston County that was very well received by the regional trail users along the Chehalis Western Trail. WSDOT is supportive of treatment that intends to provide safer facilities. All treatments are evaluated for contextual application and this roundabout, based on his experience, is a context that WSDOT would support.
- The rolled curbing design has not been finalized, but it is envisioned to be a low-height, ramped curb that is traversable by wheeled vehicles. There is more study needed by the Design Team to ensure the roundabout will not be a hazard for cyclists and pedestrians.
- Lighting can be added to the roundabout intersection. Again, more study is needed by the Design Team regarding this potential element. At the least, power conduit could be installed to allow the option for lighting in a future phase of work.
- Separation of pedestrians and cyclists is not realistic in this location. Eight feet is standard width for a one-way split trail, however we can recommend widening the one-way trail to ten feet where we might expect bikes to encounter ped flow from the opposite direction.
- The roundabout examples sent with the August 12 email are not comparable to the Aubrey Davis Park Trail, except for the Wisconsin example. Most are college campus facilities with high volumes of bike ridership at peak times (class change). They are designed to accommodate maintenance and security vehicles and are therefore much wider.
- There are a variety of thermoplastic products on the market, some of which are specifically designed for bike applications to provide traction under wet weather conditions. The Design Team will investigate this issue in future phases of design. It understands that the PRC's objective is to end up with a surface that has adequate traction for trail users under the anticipated range of conditions on the trail.

PRC will be advancing the 30% design to City Council. Many details are yet to be worked out at this stage of design. PRC can include design guidance in its recommendation to City Council. The guidance will then be used to inform the remaining design stages.

### **2. Spur Trail from the Roundabout to the Parking Lot**

At the July 7 meeting, many commissioners expressed their desire to eliminate the spur trail from the parking lot to the proposed roundabout location. This would reduce the amount of cross-traffic coming into the intersection (thereby reducing conflicts with the main flow of traffic); however, City staff pointed out that the desire by park users to reach the first base dugout would create an ongoing problem with



people trying to circumvent the fence. After the meeting, staff further considered the impact of removing this trail. The 72<sup>nd</sup> Avenue parking lot is the only realistic parking access for the playground and the picnic shelter. The current walk from the middle of the parking lot to the picnic shelter is 800 feet. Eliminating the spur trail adds another 190 feet of walking to the route, potentially inconveniencing users of the picnic facility.



The Design Team agrees that reducing cross traffic at the intersection would have benefits; however, they also believe that the roundabout is capable of channeling cross-trail traffic safely in this location. Since work on this project also includes restore American Association of State Highway and Transportation Officials (AASHTO)-recommended sight distances to and from the spur trail, the spur will no longer be on a “blind curve.” There will be multiple layers of warning for trail users as they come down the hill towards the roundabout. Staff believe that eliminating the spur trail eliminates a functionally important pedestrian connection in the park. The PRC should revisit this question to see if there is consensus one way or another. One option to consider is narrowing the spur path to a 6’ wide. This would make the pedestrian transition into the roundabout more predictable. This configuration is shown in Exhibit 1 on Sheet 11.

**3. Art/placemaking and traffic calming**

The PRC continued to have questions and concerns about the “colorful striping” element in the 30% design. Concerns were raised about materials and colors. Several commissioners expressed concerns about colors or patterns that would have a “Disneyland” effect and detract from the natural surroundings of the park.



City staff recommends that the colorful striping element be removed from Schedule A and the concept be referred to the Arts Council for possible future development. The Arts Council will be taking up arts and placemaking opportunities in Aubrey Davis Park at a special meeting on September 14, 2022. Staff will share the PRC's desires about color and style with the Arts Council to help inform their discussion of the 1% for Art in Public Places' role in this project. Arts Council recommendations will come back to the PRC for review at a future meeting.

#### **Budget**

Exhibit 3 shows the updated total cost of Schedule A is estimated at \$373,949. Although this Engineer's Estimate exceeds the available budget of \$350,000, at the 30% design stage this estimate is close enough that remaining design can be adjusted to stay on track. If necessary, the bidding of the project can be structured with alternates that allow minor items to be optional.

#### **RECOMMENDATION TO CITY COUNCIL**

Staff has tentatively placed this item on the agenda of the September 20 City Council meeting. The attached recommendation memorandum (Exhibit 4) highlights the work done and the positive results achieved. Input on the memo would be welcome at this meeting.

Once approved by City Council, City staff will continue to work with the Design Team to complete the design. Staff hopes to finish design in early 2023 and to construct the project in either spring or fall of 2023, to avoid construction during the peak summer season if possible.

#### **RECOMMENDED ACTION**

Approve the 30% design as revised and approve the recommendation memo to be transmitted to the City Council on September 20, 2022.





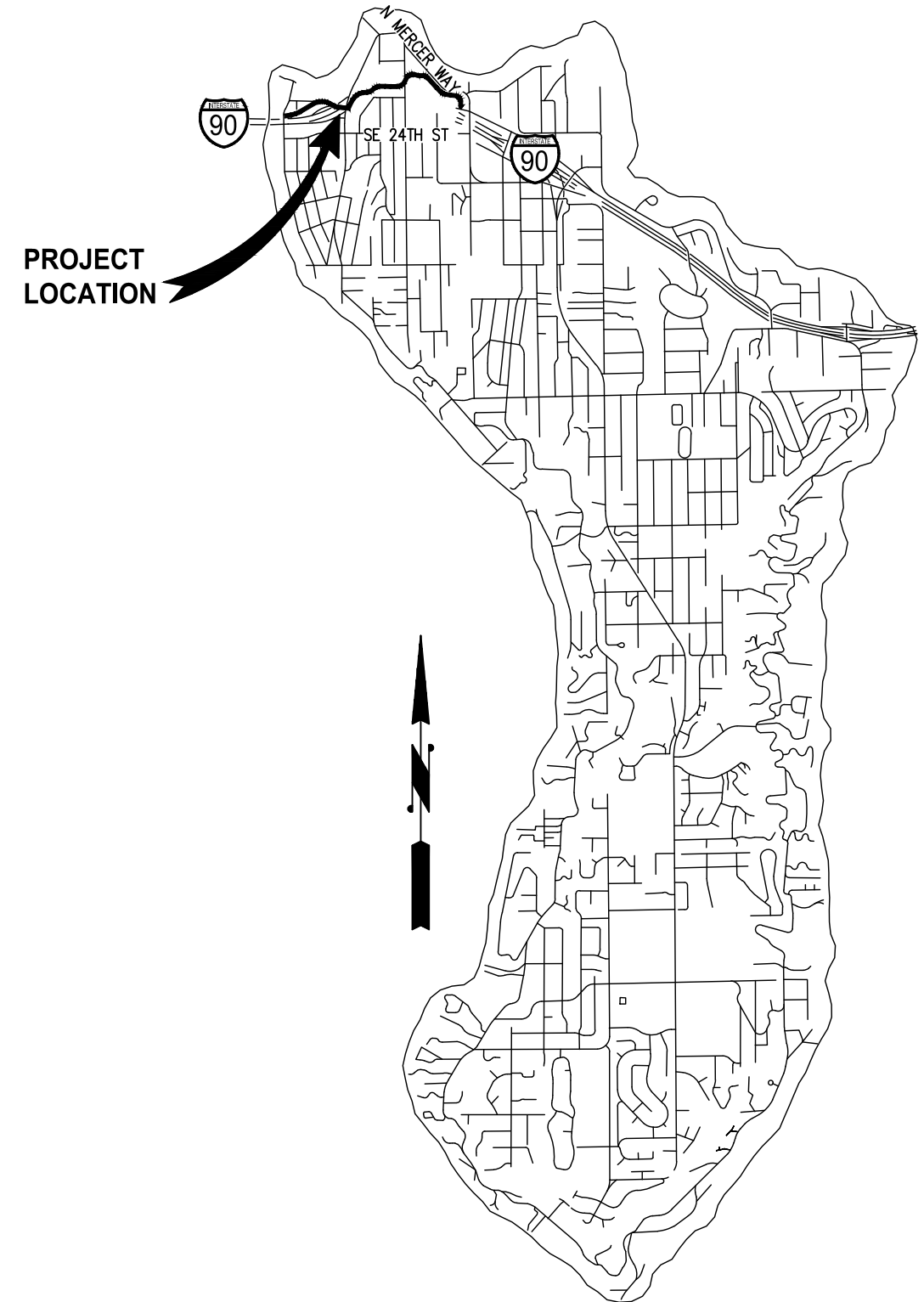
# CITY OF MERCER ISLAND

## AUBREY DAVIS PARK TRAIL SAFETY IMPROVEMENTS SEPTEMBER 2022

**CITY PROJECT NUMBER: XXX**

### SCHEDULE OF DRAWINGS

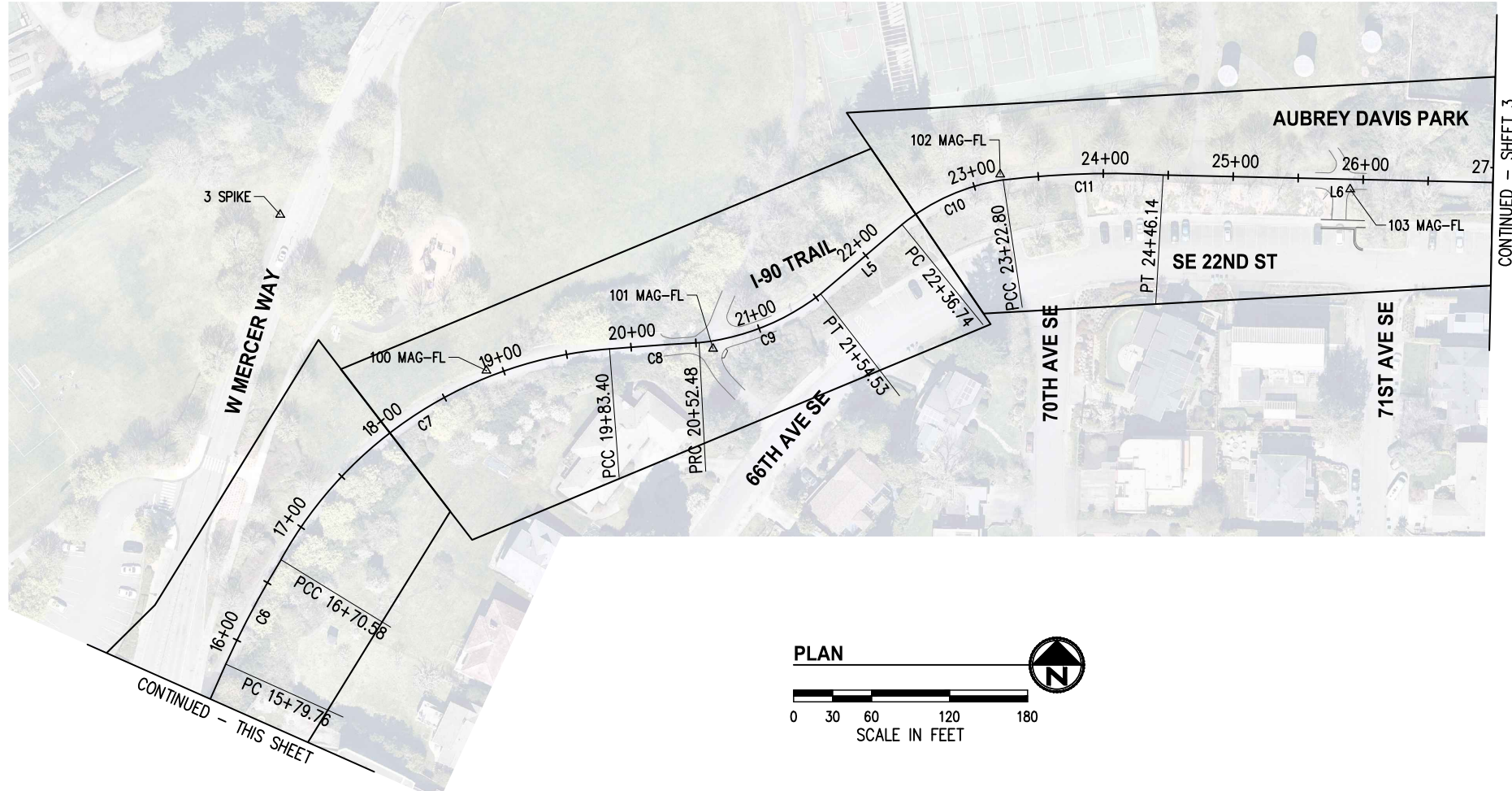
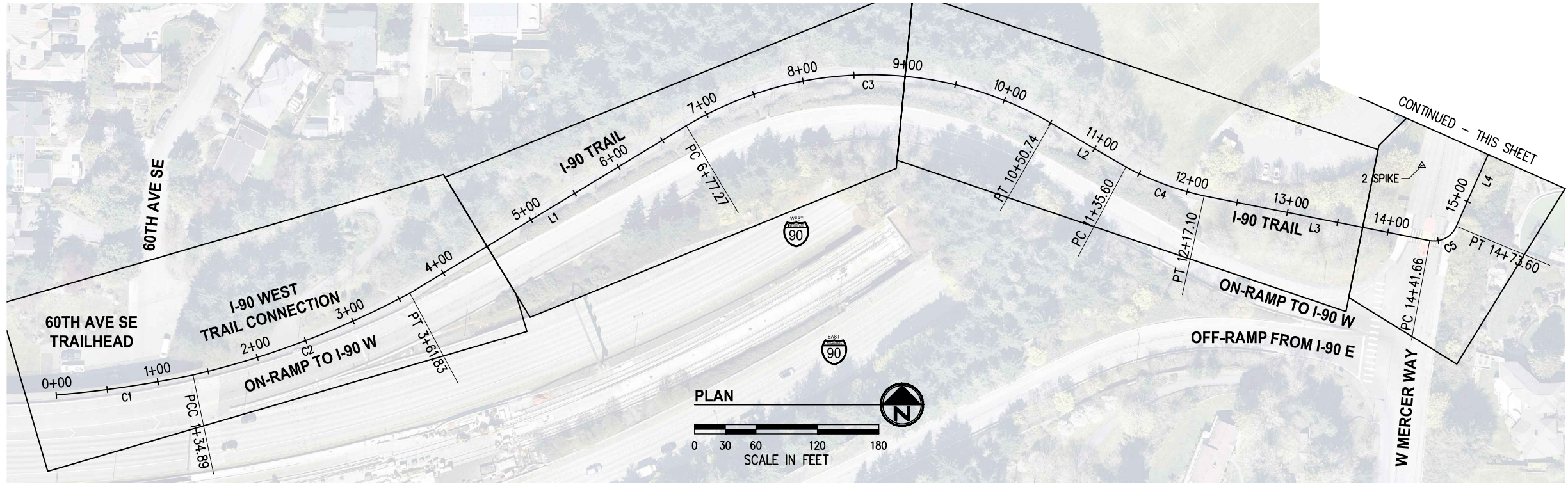
<u>SHEET</u>	<u>DRAWINGS</u>
1	COVER SHEET
2-3	SHEET INDEX, SURVEY CONTROL AND ALIGNMENT DATA
4	LEGEND AND ABBREVIATIONS
#-6	TESC AND SITE PREPARATION PLANS
7	TESC AND SITE PREPARATION DETAILS
8-10	TRAIL IMPROVEMENT PLANS
14	TRAIL IMPROVEMENT DETAILS
* 15-17	SITE ELEMENT PLANS
* 18	SITE ELEMENT DETAILS
* 19-21	LANDSCAPE RESTORATION PLANS
* 22-23	LANDSCAPE SCHEDULE AND DETAILS
* 24-26	IRRIGATION RESTORATION PLANS
* 27	IRRIGATION SCHEDULE AND DETAILS
* 28-31	SIGN SCHEDULE AND DETAILS
* THESE SHEETS SCHEDULED FOR 60% SUBMITTAL	



**CALL 2 DAYS  
BEFORE YOU DIG  
1-800-424-5555**

**30% REVIEW  
SUBMITTAL**





**NOTES**

- THE PURPOSE OF THIS TOPOGRAPHIC SURVEY IS FOR CIVIL ENGINEERING DESIGN. THIS IS NOT A BOUNDARY SURVEY. SOURCES OF BOUNDARY INFORMATION AS SHOWN INCLUDE FIELD-TIED MONUMENTATION, PLATS, COUNTY RECORDS OF SURVEY, AND AUDITOR INDEXING INFORMATION.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITY SYSTEMS, AS SHOWN HEREON, ARE TAKEN FROM UTILITY LOCATE PAINT MARKS OR AS-BUILT PLANS AND ARE SHOWN IN AN APPROXIMATE WAY ONLY.  
  
THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. ALL LOCATOR SERVICES SHOULD BE CONTACTED PRIOR TO ANY CONSTRUCTION OR SUBSURFACE EXPLORATION. CALL 1-800-424-5555.
- FIELD SURVEY: KPG, NOVEMBER, 2021. LICENSEE MICHAEL R. BOWEN, P.L.S. NO. 29294/RONALD D. REICHEL, P.L.S. NO. 38015.
- CONTOUR INTERVAL = 1 FOOT, ±0.5 FOOT PER NATIONAL MAPPING STANDARDS. CONTOURS DERIVED FROM DIRECT FIELD OBSERVATIONS.
- STORM AND SEWER CONNECTIONS HAVE BEEN DRAWN FROM CENTER OF LID TO CENTER OF LID.
- THE LOCATIONS AND DIMENSIONS OF UNDERGROUND VAULTS HAVE NOT BEEN VERIFIED AND ARE APPROXIMATE.

**HORIZONTAL AND VERTICAL DATUM**

HORIZONTAL DATUM: NAD 83/11  
 VERTICAL DATUM: NAVD 88  
 HORIZONTAL AND VERTICAL DATUMS ESTABLISHED BY RTK GPS OBSERVATION UTILIZING WSRN (WASHINGTON STATE REFERENCE NETWORK) ALSO REFERENCING KPG JOB NUMBER 19033.

I-90 TRAIL			
NUMBER	LENGTH	RADIUS	BRNG/DELTA
C1	134.89	1127.09'	6°51'26"
C2	226.93	866.19'	15°00'39"
C3	373.47	350.67'	61°01'17"
C4	81.50	295.72'	15°47'25"
C5	31.93	23.56'	77°39'24"
C6	90.82	711.38'	7°18'53"
C7	312.82	315.72'	56°46'12"
C8	69.08	1819.45'	2°10'31"
C9	102.05	183.33'	31°53'39"
C10	86.06	161.95'	30°26'44"
C11	123.34	695.38'	10°09'46"
L1	315.442		N 58°46'42" E
L2	84.862		S 59°39'03" E
L3	224.567		S 78°46'35" E
L4	106.165		N 23°55'59" E
L5	82.209		N 49°31'50" E
L6	279.060		S 88°42'08" E

CONTROL POINT LIST				
PT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
2	SPIKE	218611.57	1291363.16	132.74'
3	SPIKE	218994.76	1291481.64	133.62'
100	MAG-FL	218875.02	1291640.28	141.68'
101	MAG-FL	218891.80	1291814.64	154.79'
102	MAG-FL	219025.76	1292035.53	170.72'
103	MAG-FL	219014.32	1292304.75	167.34'
104	MAG-FL	219032.01	1292518.47	151.16'
105	MAG-FL	219215.42	1292658.91	141.86'
106	SPIKE	219249.71	1292560.03	141.51'
107	SPIKE	219295.67	1292715.03	138.94'

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NO.	DATE	BY	APPR.	REVISIONS

Approved By		21098SURVCTRL.dwg
ENGINEERING MANAGER	DATE	DESIGNED BY
PROJECT MANAGER	DATE	DRAWN BY
PROJECT ENGINEER	DATE	CHECKED BY



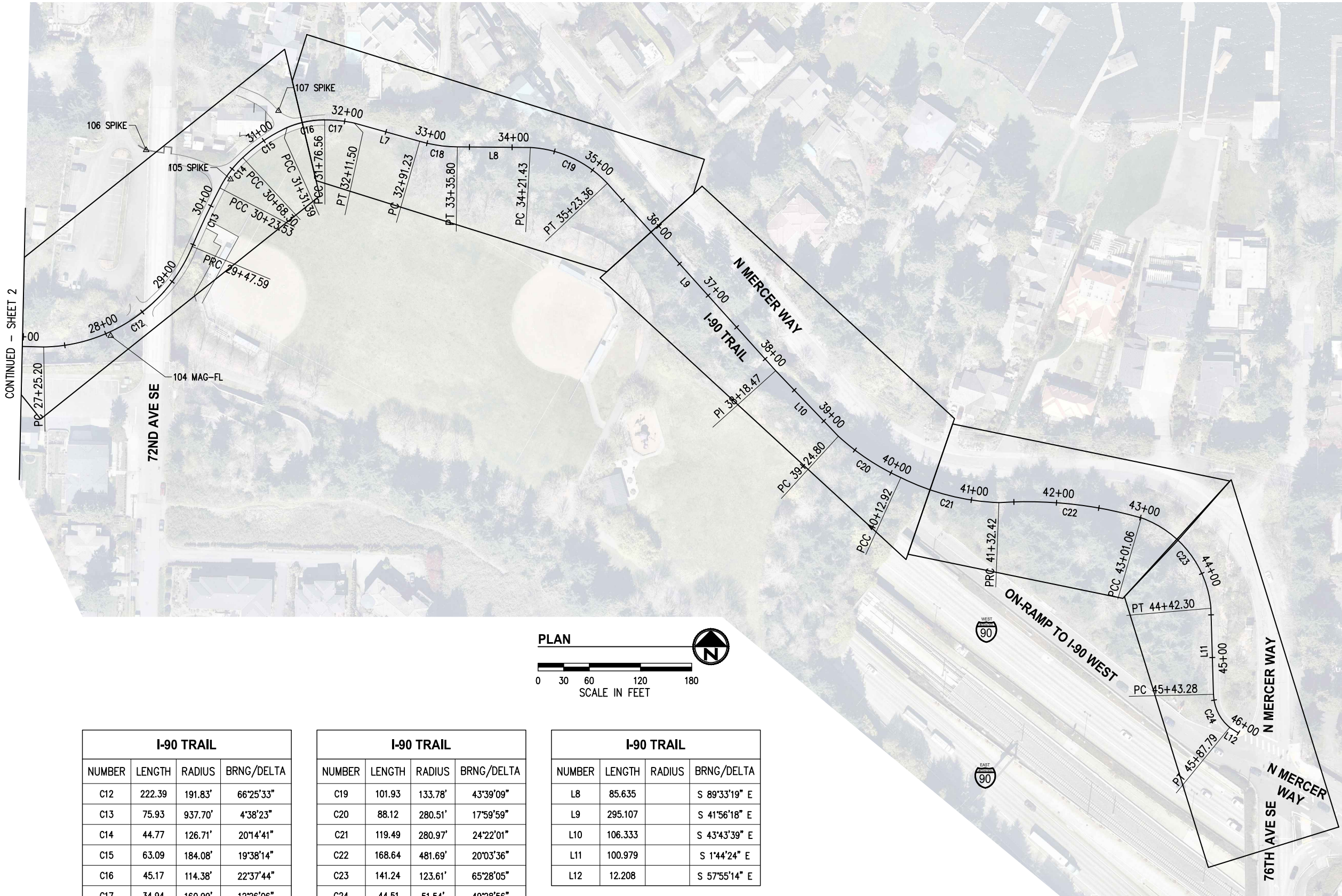
**30% REVIEW SUBMITTAL**



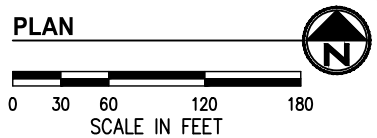
CITY OF MERCER ISLAND  
 AUBREY DAVIS PARK  
 TRAIL SAFETY IMPROVEMENTS

SHEET INDEX, SURVEY CONTROL AND ALIGNMENT DATA - 1  
 KPG PROJECT No. 21098 SHT 2 OF 18





CONTINUED - SHEET 2



I-90 TRAIL			
NUMBER	LENGTH	RADIUS	BRNG/DELTA
C12	222.39	191.83'	66°25'33"
C13	75.93	937.70'	4°38'23"
C14	44.77	126.71'	20°14'41"
C15	63.09	184.08'	19°38'14"
C16	45.17	114.38'	22°37'44"
C17	34.94	160.99'	12°26'06"
C18	44.57	166.20'	15°21'48"

I-90 TRAIL			
NUMBER	LENGTH	RADIUS	BRNG/DELTA
C19	101.93	133.78'	43°39'09"
C20	88.12	280.51'	17°59'59"
C21	119.49	280.97'	24°22'01"
C22	168.64	481.69'	20°03'36"
C23	141.24	123.61'	65°28'05"
C24	44.51	51.54'	49°28'56"
L7	79.731		S 74°25'05" E

I-90 TRAIL			
NUMBER	LENGTH	RADIUS	BRNG/DELTA
L8	85.635		S 89°33'19" E
L9	295.107		S 41°56'18" E
L10	106.333		S 43°43'39" E
L11	100.979		S 1°44'24" E
L12	12.208		S 57°55'14" E

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106	SPIKE	219249.71	1292560.03	141.51'
107	SPIKE	219295.67	1292715.03	138.94'

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58				

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PROJECT MANAGER	DATE	DESIGNED BY
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CITY OF MERCER ISLAND  
 AUBREY DAVIS PARK  
 TRAIL SAFETY IMPROVEMENTS

SHEET INDEX, SURVEY CONTROL AND ALIGNMENT DATA - 2	
KPG PROJECT No. 21098	SHT <u>3</u> OF <u>18</u>



**EXISTING LEGEND**

MIC	MONUMENT IN CASE	①	TELEPHONE MANHOLE	— P —	PAINTED POWER
MON	SURFACE MONUMENT	T □	TELEPHONE RISER	— T —	PAINTED TELEPHONE
RC	REBAR & CAP	□	TELEPHONE VAULT LID	— FO —	PAINTED FIBER OPTIC
⊙	SPOT SHOT (DESCRIBED)	⊙	TELEPHONE POLE	— TV —	PAINTED TV
□	CATCH BASIN	TV □	TV VAULT LID	— W —	PAINTED WATER
⊙	STORM DRAIN MANHOLE	⊙	FIBER OPTIC MANHOLE	— G —	PAINTED GAS
⊙	YARD DRAIN	⊙	GAS VALVE	— SD —	STORM
⊙	DOWNSPOUT	⊙	GAS METER	— S —	SEWER
SD	STORM DRAIN CLEAN-OUT	⊙	WATER VALVE	— X —	FENCE
⊙	SEWER MANHOLE	⊙	WATER METER	~~~~~	HEDGE (HEIGHT NOTED)
SS	SEWER CLEAN-OUT	⊙	WATER MANHOLE	//////	BUILDING
⊙	POWER POLE	⊙	FIRE HYDRANT	————	PAINTED STRIPE
⊙	POWER POLE WITH UG CONNECT	⊙	FIRE DEPARTMENT CONNECT	.....	RAISED-BUTTON SOLID STRIPE
□	POWER VAULT LID	□	UTILITY VAULT LID (GENERIC/UNKNOWN)	.....	RAISED-BUTTON SKIP STRIPE
△	POWER TRANSFORMER	U	UTILITY ACCESS (GENERIC/UNKNOWN)	————	EDGE OF PAVEMENT
⊙	POWER METER	●	BORE SITE (WITH FIELD DESCRIPTION)	-----	FLOWLINE
⊙	POWER OUTLET	○	BOULDER	-----	CONTOUR
→	GUY ANCHOR	⊙	SIGN	-----	EXISTING RIGHT-OF-WAY LINE
⊙	TRAFFIC SIGNAL WITH LUMINAIRE	⊙	MAILBOX	-----	PROPERTY LINE
⊙	PEDESTRIAN SIGNAL	⊙	SHRUB	-----	CONCRETE
⊙	JUNCTION BOX TYPE 1, 2, 3	DT12(3)	DECIDUOUS TREE, DIAM. IN INCHES (# OF TRUNKS)	-----	GRAVEL
⊙	TRAFFIC CONTROL CABINET	CT12(3)	CONIFEROUS TREE, DIAM. IN INCHES (# OF TRUNKS)	-----	BRICK
⊙	TRAFFIC SERVICE CABINET			-----	METAL GRATE
⊙	TRAFFIC ATTENUATOR LOOP				
⊙	STREET LIGHT (LUMINAIRE)				
⊙	LOT LIGHT				
⊙	YARD LIGHT				

**PROPOSED LEGEND**

⊙	WATER METER
⊙	WATER VALVE
⊙	FIRE HYDRANT
⊙	SIGN
— X —	CHAIN LINK FENCE
⊙	DETECTABLE WARNING SURFACE
⊙	HMA CL 1/2" PG 64-22 FOR NEW PAVEMENT
⊙	REMOVE ASPHALT CONC PAVEMENT (ON SITE PREPARATION PLANS)
⊙	CEMENT CONCRETE
⊙	PERVIOUS CEMENT CONCRETE
⊙	RESERVOIR COURSE
⊙	CSTC
⊙	CSBC
⊙	TREE GRATE
⊙	DECORATIVE PEDESTRIAN LUMINAIRES AND POLE
⊙	SIGNAL POLE WITH DECORATIVE LUMINAIRE AND MAST ARM
⊙	SIGNAL CONTROLLER CABINET
⊙	ELECTRICAL SERVICE CABINET
⊙	BATTERY BACKUP POWER SUPPLY
⊙	JUNCTION BOX TYPE 1, 2, 8
⊙	CONDUIT

**ABBREVIATIONS**

AC	ASPHALT CONCRETE	MIC	MONUMENT IN CASE
ACP	ASPHALT CONCRETE PAVEMENT	MJ	MECHANICAL JOINT
ADA	AMERICANS WITH DISABILITIES ACT	MON	MONUMENT
AP	ANGLE POINT	N	NORTH OR NORTHING
APPROX	APPROXIMATE	NAVD	NORTH AMERICAN VERTICAL DATUM
BLDG	BUILDING	NO	NUMBER
CB	CATCH BASIN	NTS	NOT TO SCALE
CCP	CEMENT CONCRETE PAVEMENT	OC	ON CENTER
CDF	CONTROLLED DENSITY FILL	OD	OUTSIDE DIAMETER
CHLK	CHAINLINK	PC	POINT OF CURVE
CL	CENTERLINE	PCC	POINT OF COMPOUND CURVATURE
CL	CLASS	PCCP	PERVIOUS CEMENT CONCRETE PAVEMENT
CO	CLEANOUT	PI	POINT OF INTERSECTION
COMI	CITY OF MERCER ISLAND	POB	POINT OF BEGINNING
COL	COLUMN CONC CONCRETE	POE	POINT OF ENDING
CSBC	CRUSHED SURFACING BASE COURSE	PRC	POINT OF REVERSE CURVATURE
CSTC	CRUSHED SURFACING TOP COURSE	PT	POINT OF TANGENT
DI	DUCTILE IRON	PVC	POLYVINYL CHLORIDE OR
DIA	DIAMETER		POINT OF VERTICAL CURVATURE
DW	DRIVEWAY	PVT	POINT OF VERTICAL TANGENT
E	EAST OR EASTING	PVI	POINT OF VERTICAL INTERSECTION
EA	EACH	R	RADIUS
ELEV	ELEVATION	ROW	RIGHT OF WAY
EOP	EDGE OF PAVEMENT	RT	RIGHT
EW	EACH WAY	S	SLOPE OR SOUTH
EXIST	EXISTING	SD	STORM DRAIN
FF	FINISHED FLOOR	SDMH	STORM DRAIN MANHOLE
FL	FLOW LINE	SE	SOUTHEAST
FO	FIBER OPTIC	SHT	SHEET
FOC	FACE OF CURB	SQ	SQUARE
HMA	HOT MIX ASPHALT	SS	SANITARY SEWER
HORIZ	HORIZONTAL	SSMH	SANITARY SEWER MANHOLE
HP	HIGH POINT	ST	STREET
ID	INSIDE DIAMETER	STA	STATION
IE	INVERT ELEVATION	STD	STANDARD
IN	INCH/INCHES	STCR	STRUCTURE
JB	JUNCTION BOX	SW	SOUTHWEST
L	LENGTH LT LEFT	TYP	TYPICAL
LF	LINEAR FEET	VERT	VERTICAL
LP	LOW POINT	W	WEST
MAX	MAXIMUM	YD	YARD DRAIN
MIN	MINIMUM		
MH	MANHOLE		

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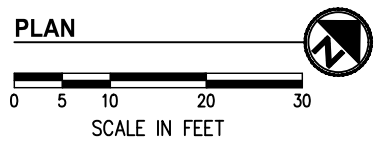
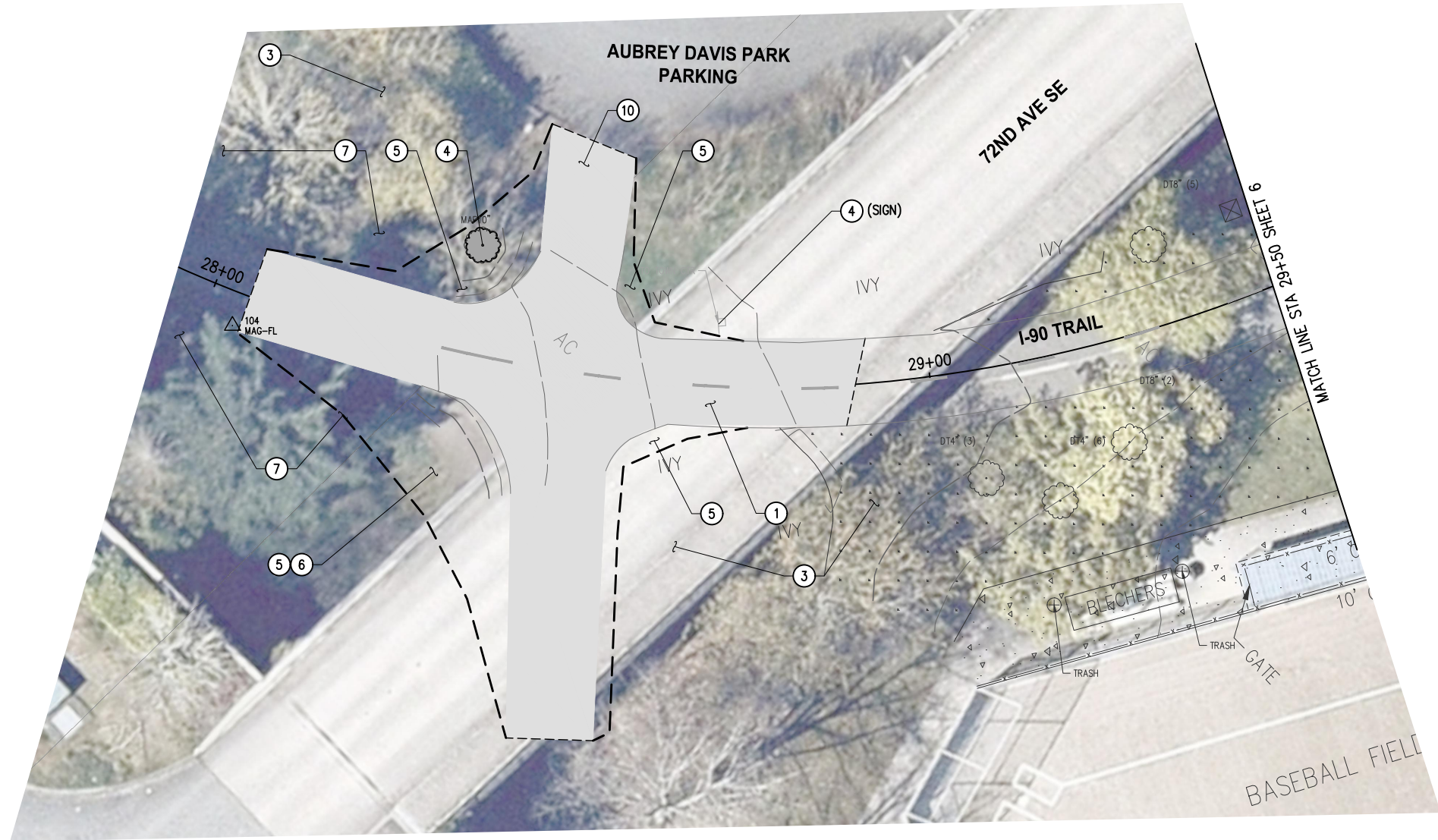


**CITY OF MERCER ISLAND  
AUBREY DAVIS PARK  
TRAIL SAFETY IMPROVEMENTS**

LEGEND AND ABBREVIATIONS

KPG PROJECT No. 21098	SHT 4 OF 18
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**GENERAL NOTES**

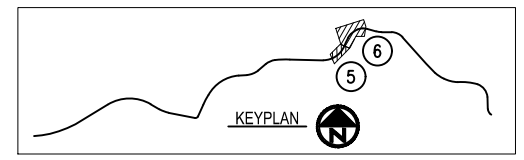
1. CONTRACTOR SHALL SEQUENCE REMOVAL OF EXISTING FEATURES WITH CONSTRUCTION OF NEW ROADWAY ELEMENTS TO MINIMIZE IMPACTS TO PROPERTY OWNERS, TRAFFIC FLOW, AND THE ENVIRONMENT.
2. CONTRACTOR SHALL PROTECT ALL ABOVE AND BELOW GROUND UTILITIES AND IMPROVEMENTS THAT ARE TO REMAIN.
3. CONTRACTOR SHALL PROTECT ALL PLANT MATERIAL OUTSIDE OF CLEARING LIMITS.
4. CONTRACTOR SHALL MAINTAIN ACCESS FOR ALL ADJACENT PROPERTY OWNERS AND PARK USERS.
5. CONTRACTOR SHALL FURNISH AND INSTALL INLET PROTECTION IN ALL EXISTING AND NEW CATCH BASINS. CONTRACTOR SHALL INSTALL OTHER EROSION CONTROL MEASURES TO MINIMIZE SEDIMENT MIGRATION INTO STREAMS AND STORM DRAINAGE SYSTEMS.

**CONSTRUCTION NOTES**

- ① SAWCUT AND REMOVE ASPHALT PAVEMENT.
- ③ PRESERVE AND PROTECT.
- ④ REMOVE.
- ⑤ REMOVE GROUNDCOVER WITHIN CLEARING LIMITS AS NECESSARY TO INSTALL PROPOSED IMPROVEMENTS.
- ⑥ REMOVE SHRUB(S) AND BUSH(ES).
- ⑦ TRIM/PRUNE EXISTING TREE(S), BUSH(ES), AND SHRUB(S) PER COMI STD DETAIL UF-4 AS NECESSARY TO INSTALL PROPOSED IMPROVEMENTS. VERIFY AREA OF WORK TO BE PERFORMED IN PRESENCE OF COMI PARKS DEPARTMENT.
- ⑩ REMOVE BOLLARDS.

**LEGEND**

- REMOVE CEMENT CONC PAVEMENT
- REMOVE ASPHALT PAVEMENT
- REMOVE CURB AND GUTTER
- REMOVE DECIDUOUS TREE
- SAWCUT
- HIGH VISIBILITY FENCE
- CLEARING LIMITS



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**CITY OF MERCER ISLAND  
AUBREY DAVIS PARK  
TRAIL SAFETY IMPROVEMENTS**

TESC AND SITE PREPARATION PLANS  
STA 28+00 TO STA 29+50  
KPG PROJECT No. 21098 SHT 5 OF 18










**GENERAL NOTES**

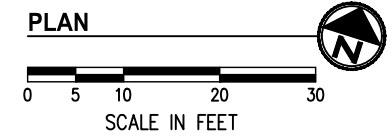
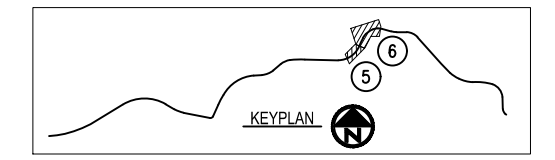
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**CONSTRUCTION NOTES**

- ① SAWCUT AND REMOVE ASPHALT PAVEMENT.
- ② SAWCUT AND REMOVE CONCRETE PAVEMENT.
- ③ PRESERVE AND PROTECT.
- ④ REMOVE.
- ⑤ REMOVE GROUND COVER WITHIN CLEARING LIMITS AS NECESSARY TO INSTALL PROPOSED IMPROVEMENTS.
- ⑥ REMOVE SHRUB(S) AND BUSH(ES).  
TRIM/PRUNE EXISTING TREE(S), BUSH(ES), AND SHRUB(S) PER COMI STD DETAIL UF-4 AS NECESSARY TO INSTALL PROPOSED IMPROVEMENTS. VERIFY AREA OF WORK TO BE PERFORMED IN PRESENCE OF COMI PARKS DEPARTMENT.
- ⑦ REMOVE DRINKING FOUNTAIN. CUT AND CAP SUPPLY LINE. MARK ON SURFACE FOR FUTURE CONNECTION OF NEW DRINKING FOUNTAIN.
- ⑧ REMOVE BENCH. CONTRACTOR SHALL STORE BENCH FOR REINSTALLATION.
- ⑩ REMOVE BOLLARDS.
- ⑪ PRESERVE AND PROTECT PEACE POLE.
- ⑫ REMOVE BIKE RACK. CONTRACTOR SHALL STORE FOR REINSTALLATION.
- ⑬ REMOVE DOG WASTE DISPENSER. CONTRACTOR SHALL STORE FOR REINSTALLATION.
- ⑭ REMOVE TRASH AND RECYCLE CONTAINERS. CONTRACTOR SHALL STORE FOR REINSTALLATION.

**LEGEND**

-  REMOVE CEMENT CONC PAVEMENT
-  REMOVE ASPHALT PAVEMENT
-  REMOVE CURB AND GUTTER
-  REMOVE DECIDUOUS TREE
-  SAWCUT
-  HIGH VISIBILITY FENCE
-  CLEARING LIMITS



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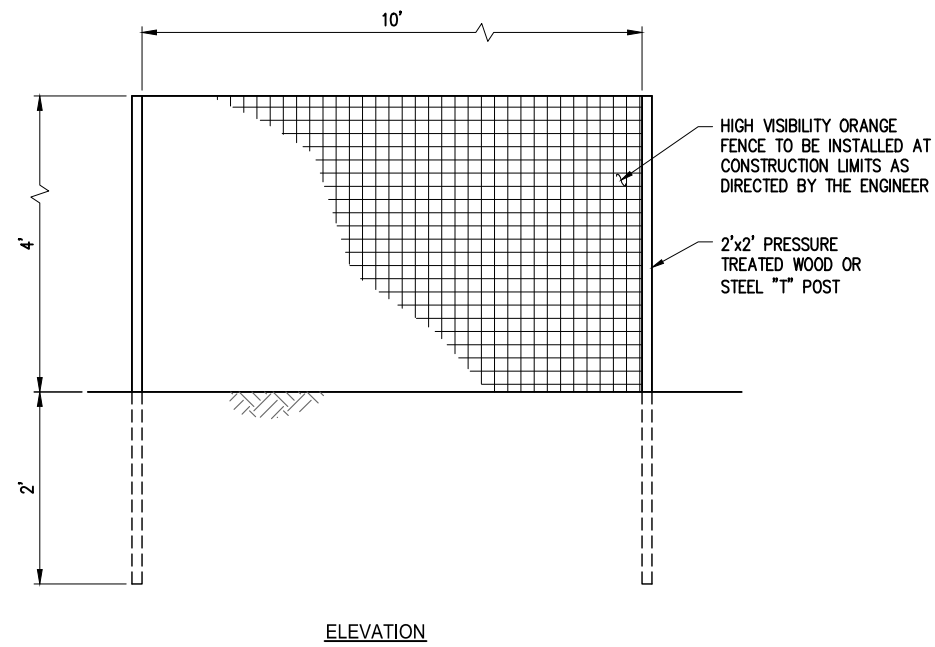
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**CITY OF MERCER ISLAND  
AUBREY DAVIS PARK  
TRAIL SAFETY IMPROVEMENTS**

<b>TESC AND SITE PREPARATION PLANS</b>	
STA 29+50 TO STA 32+00	
KPG PROJECT No. 21098	SHT <u>6</u> OF <u>18</u>

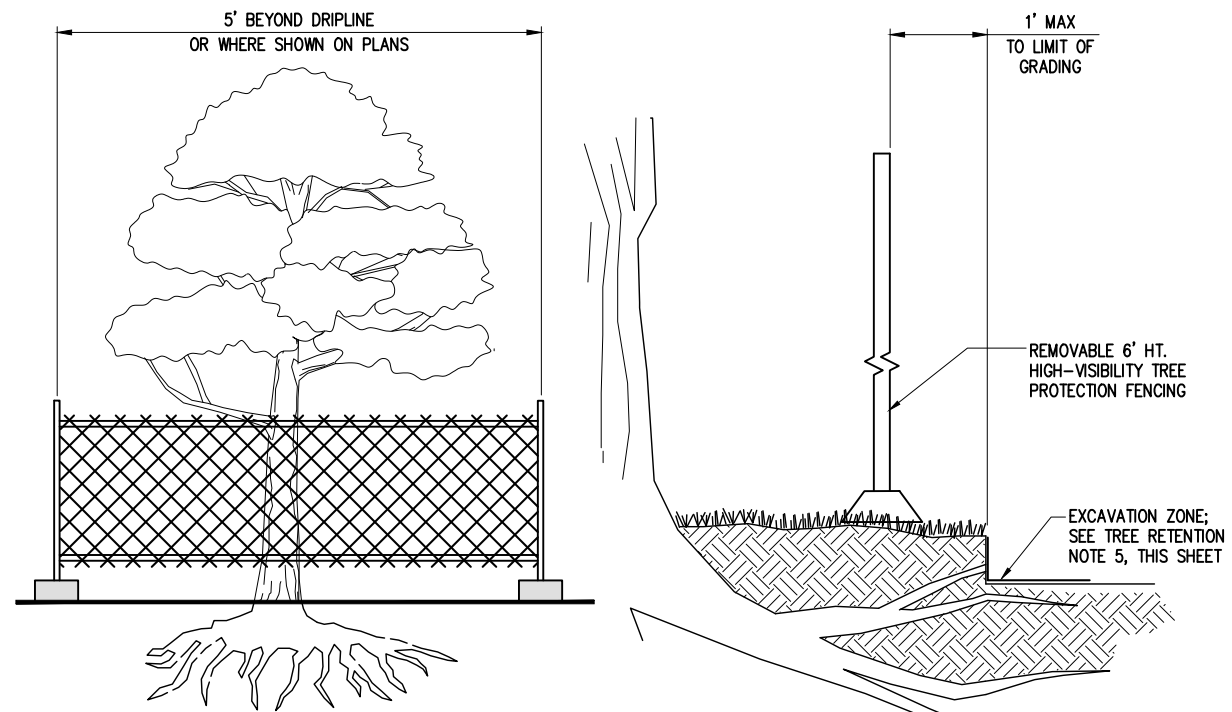




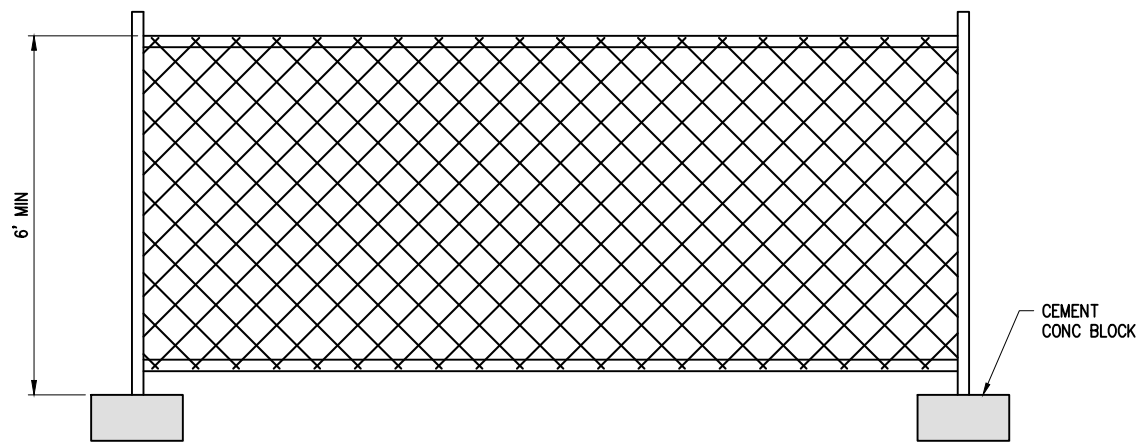
**ELEVATION**

**NOTE:**  
PLACE AT GRADING LIMITS AND AROUND TREES TO BE PROTECTED WHERE DIRECTED BY THE ENGINEER.

**HIGH VISIBILITY ORANGE FENCING**  
NTS



**TREE PROTECTION DETAIL**  
**TEMPORARY CHAIN LINK FENCE**  
NTS



**NOTES:**

- SIX FOOT HIGH TEMPORARY CHAIN LINK FENCE SHALL BE PLACED WHERE INDICATED ON PLANS. ACCESS GATES TO BE INSTALLED ONLY WHERE INDICATED ON PLANS. INSTALL FENCE POSTS USING CEMENT CONC. BLOCK FOOTINGS ONLY. AVOID DRIVING POSTS OR STAKES INTO EXISTING GROUND SURFACE.

**TEMPORARY CHAIN LINK FENCE**  
NTS

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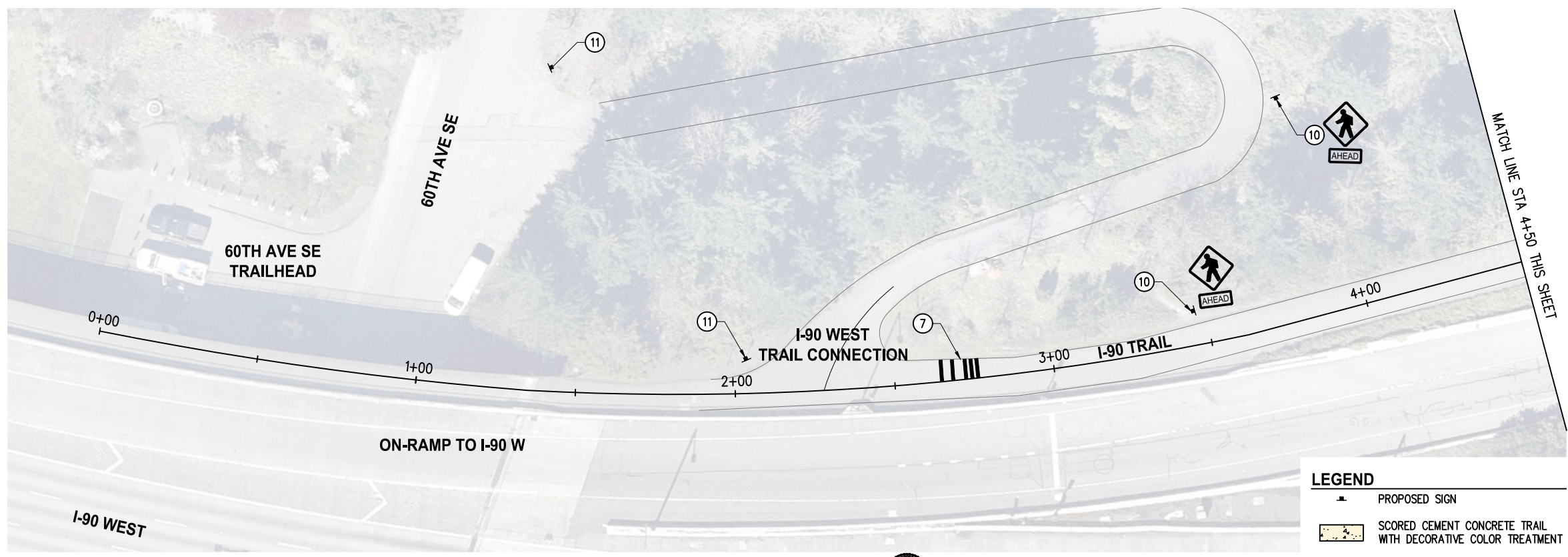
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**CITY OF MERCER ISLAND  
AUBREY DAVIS PARK  
TRAIL SAFETY IMPROVEMENTS**

<b>TESC AND SITE PREPARATION DETAILS</b>	
KPG PROJECT No. 21098	SHT <u>7</u> OF <u>18</u>





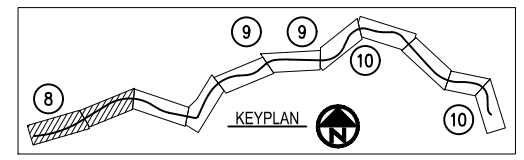
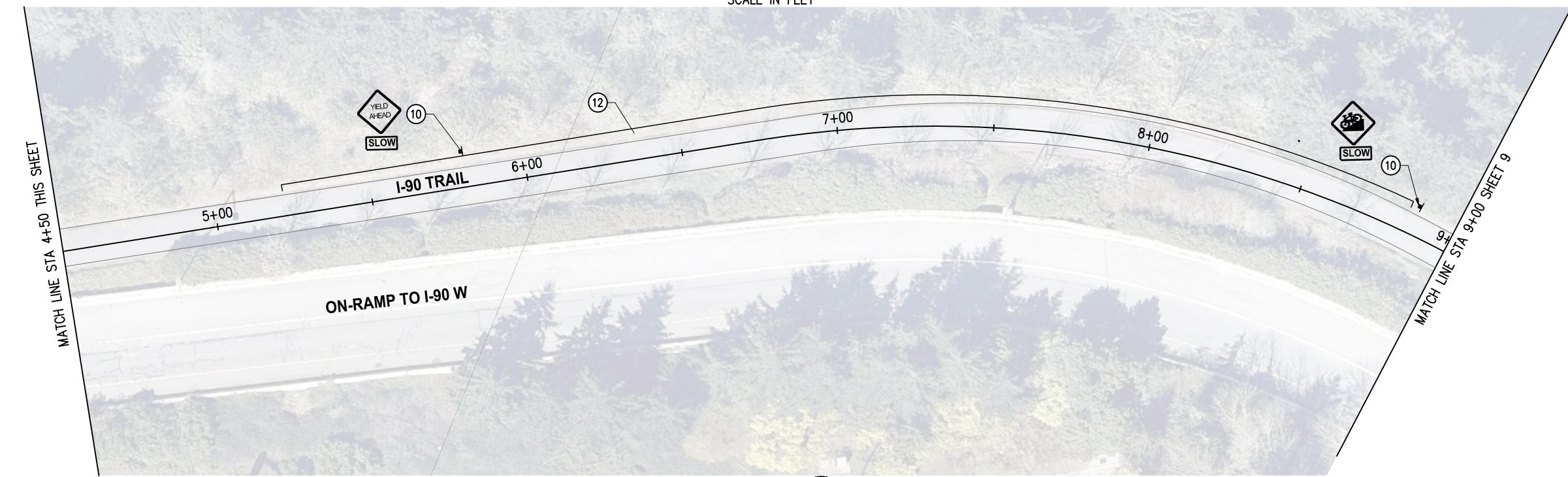
**GENERAL NOTES**

- CONTRACTOR SHALL SEQUENCE REMOVAL OF EXISTING FEATURES WITH CONSTRUCTION OF NEW ROADWAY ELEMENTS TO MINIMIZE IMPACTS TO PROPERTY OWNERS, TRAIL USERS, TRAFFIC FLOW, AND THE ENVIRONMENT.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY PEDESTRIAN ROUTE AROUND CONSTRUCTION ACTIVITY FOR THE DURATION OF CONSTRUCTION.

**CONSTRUCTION NOTES**

- INSTALL THERMOPLASTIC BAR PER DETAIL, SHEET 14.
- INSTALL REGULATORY SIGN.
- INSTALL WAYFINDING SIGN.
- LAWN RESTORATION.

NOTE: REGULATORY SIGNS SHOWN ARE PLACE HOLDERS, CONTENT TO BE CONFIRMED BY 60% SUBMITTAL



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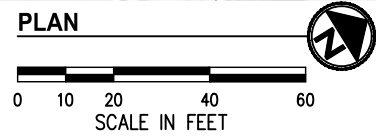
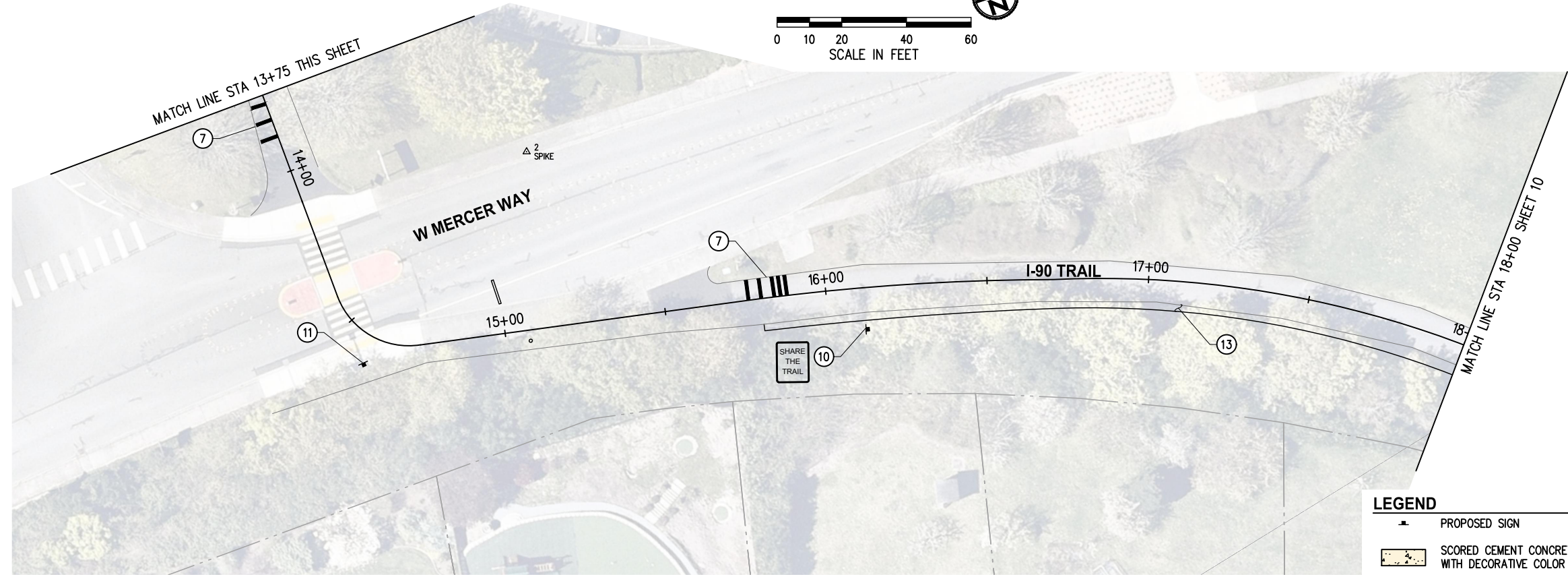
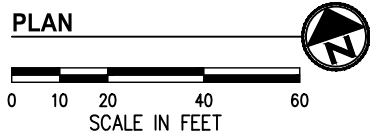
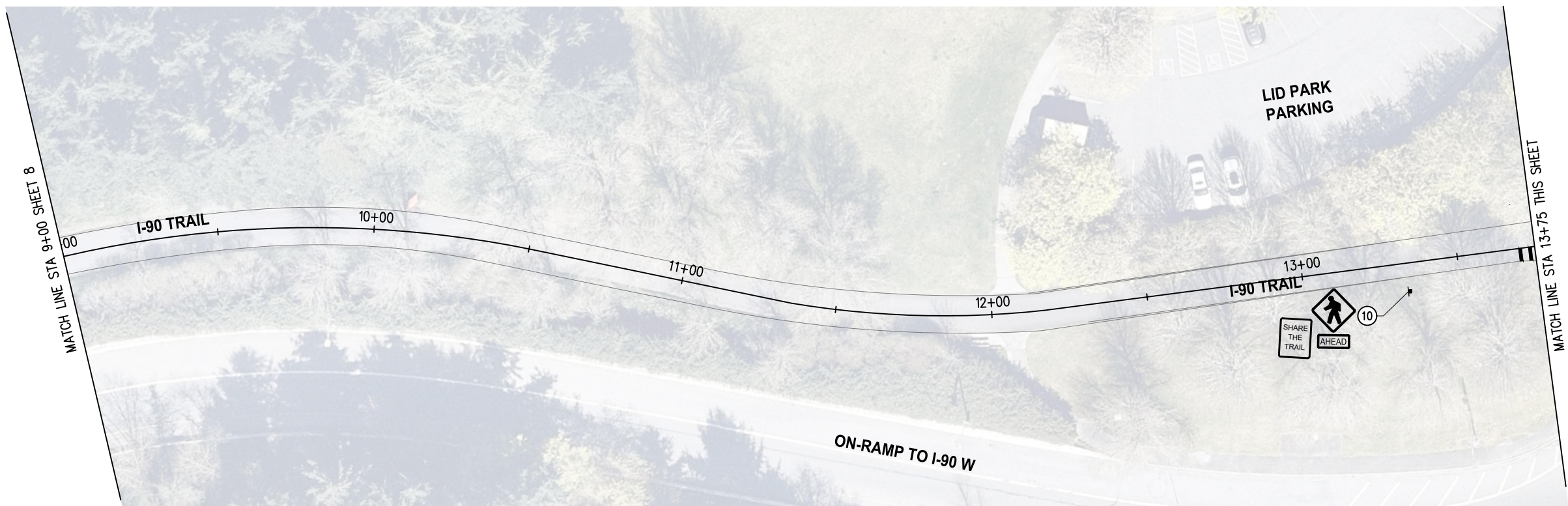
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



CITY OF MERCER ISLAND  
AUBREY DAVIS PARK  
TRAIL SAFETY IMPROVEMENTS

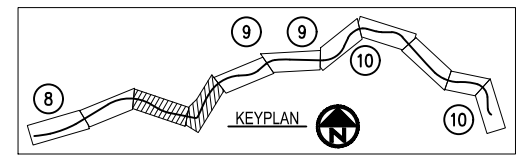
TRAIL IMPROVEMENT PLANS STA 0+00 TO STA 9+00	
KPG PROJECT No. 21098	SHT 8 OF 18





**LEGEND**

-  PROPOSED SIGN
-  SCORED CEMENT CONCRETE TRAIL WITH DECORATIVE COLOR TREATMENT
-  HMA TRAIL OR PAVEMENT
-  DETECTABLE WARNING SURFACE
-  CEMENT CONCRETE TRAIL



**GENERAL NOTES**

1. CONTRACTOR SHALL SEQUENCE REMOVAL OF EXISTING FEATURES WITH CONSTRUCTION OF NEW ROADWAY ELEMENTS TO MINIMIZE IMPACTS TO PROPERTY OWNERS, TRAIL USERS, TRAFFIC FLOW, AND THE ENVIRONMENT.
2. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY PEDESTRIAN ROUTE AROUND CONSTRUCTION ACTIVITY FOR THE DURATION OF CONSTRUCTION.

**CONSTRUCTION NOTES**

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- ⑩ INSTALL REGULATORY SIGN.
- ⑪ INSTALL WAYFINDING SIGN.
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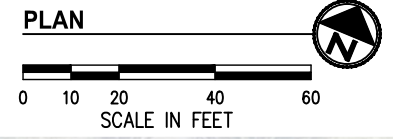
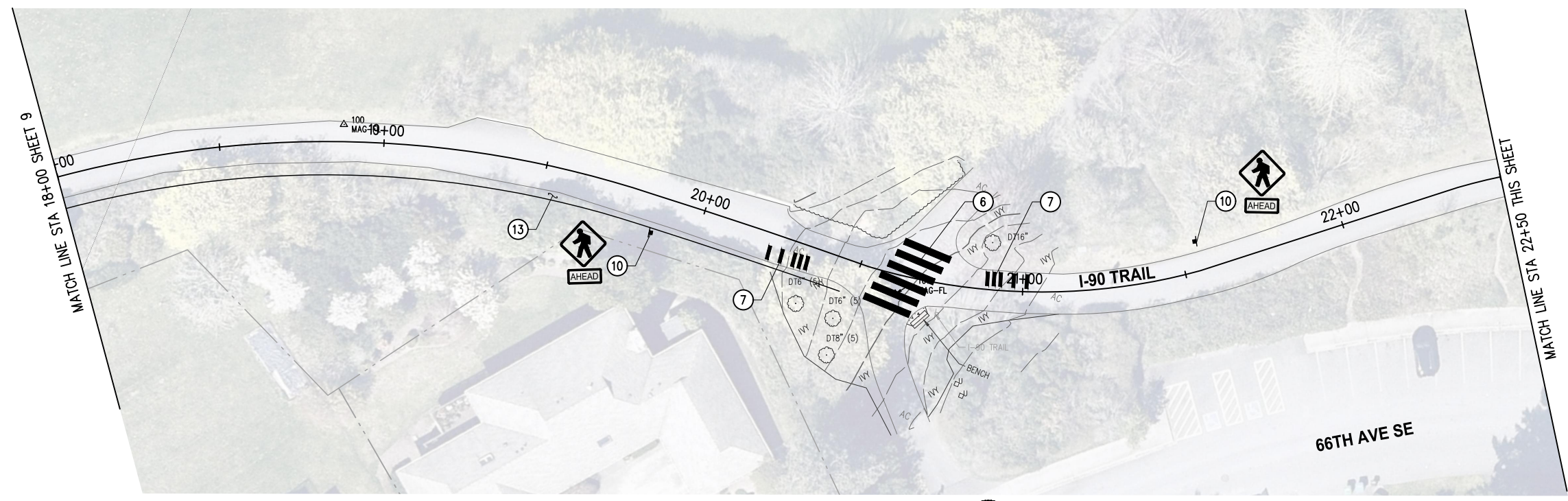


**CITY OF MERCER ISLAND  
AUBREY DAVIS PARK  
TRAIL SAFETY IMPROVEMENTS**

**TRAIL IMPROVEMENT PLANS  
STA 9+00 TO STA 18+00**

KPG PROJECT No. 21098 SHT 9 OF 18





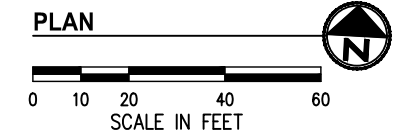
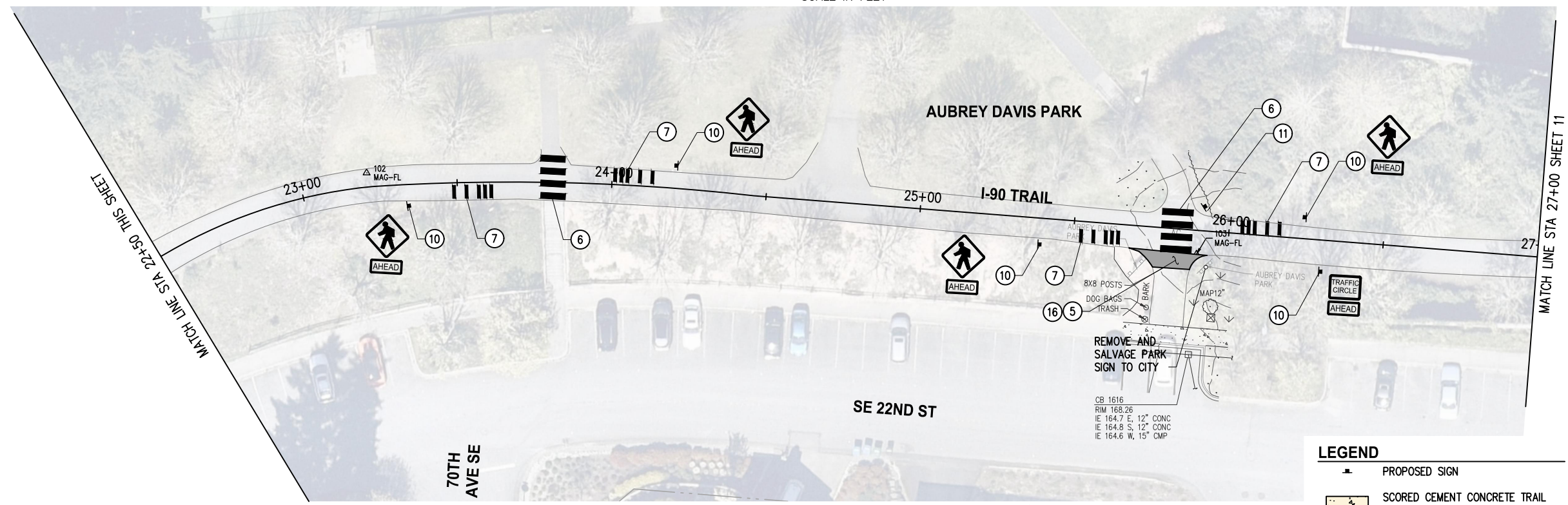
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**CONSTRUCTION NOTES**

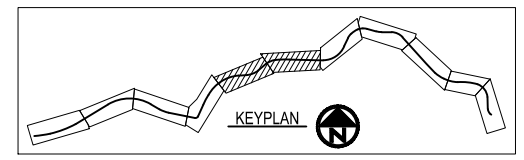
5. INSTALL HMA CL 1/2" PG58H-22 FOR WALKWAY. SEE TYPICAL SECTIONS, SHEET 14.
6. INSTALL THERMOPLASTIC CROSSWALK PER DETAIL, SHEET 14.
7. INSTALL THERMOPLASTIC BAR PER DETAIL, SHEET 14.
10. INSTALL REGULATORY SIGN.
11. INSTALL WAYFINDING SIGN.
13. LAWN RESTORATION.
16. REMOVE BOLLARDS WITHIN PAVEMENT LIMITS.

NOTE: REGULATORY SIGNS SHOWN ARE PLACE HOLDERS, CONTENT TO BE CONFIRMED BY 60% SUBMITTAL



**LEGEND**

- PROPOSED SIGN
- SCORED CEMENT CONCRETE TRAIL WITH DECORATIVE COLOR TREATMENT
- HMA TRAIL OR PAVEMENT
- DETECTABLE WARNING SURFACE
- CEMENT CONCRETE TRAIL



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ENGINEERING MANAGER	DATE	DESIGNED BY
PROJECT MANAGER	DATE	DRAWN BY
PROJECT ENGINEER	DATE	CHECKED BY

**KPG**  
P S O M A S  
Seattle  
3131 Elliott Avenue, Suite 400  
Seattle, WA 98121 206.286.1640  
Tacoma | Wenatchee | KPG.com

**30% REVIEW  
SUBMITTAL**



**CITY OF MERCER ISLAND  
AUBREY DAVIS PARK  
TRAIL SAFETY IMPROVEMENTS**

**TRAIL IMPROVEMENT PLANS  
STA 18+00 TO STA 27+00**  
KPG PROJECT No. 21098 SHT 10 OF 18



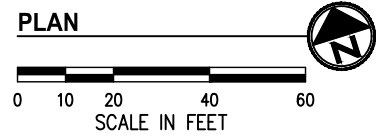
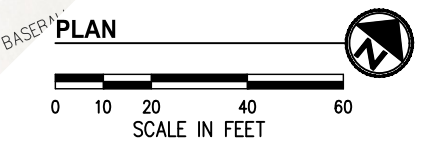
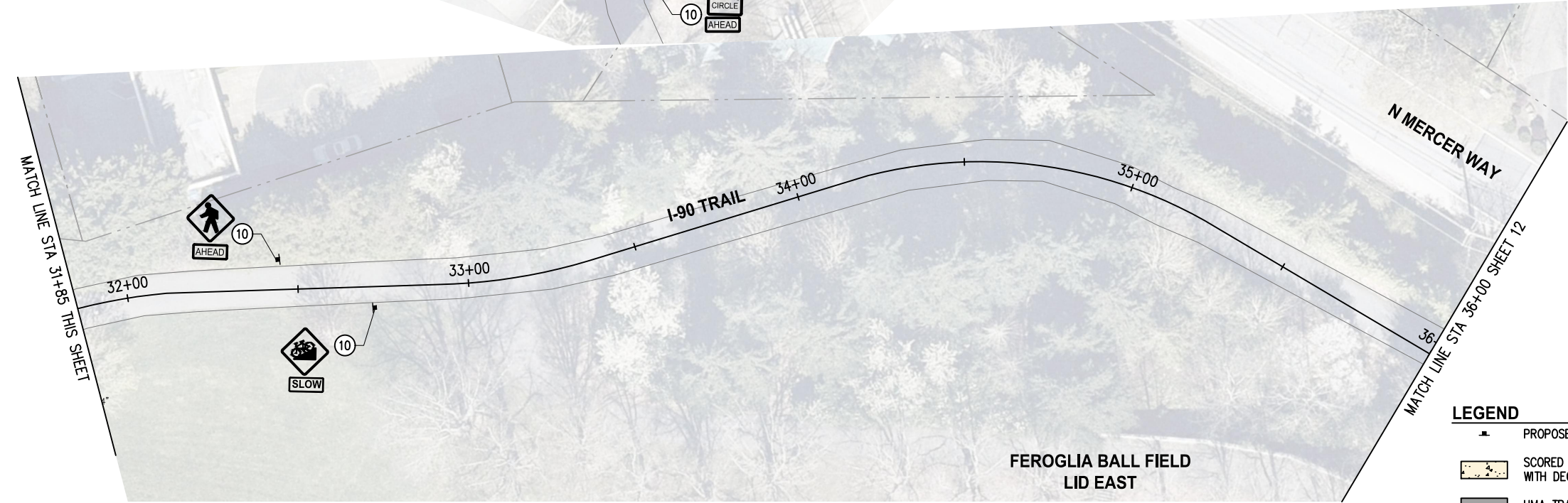
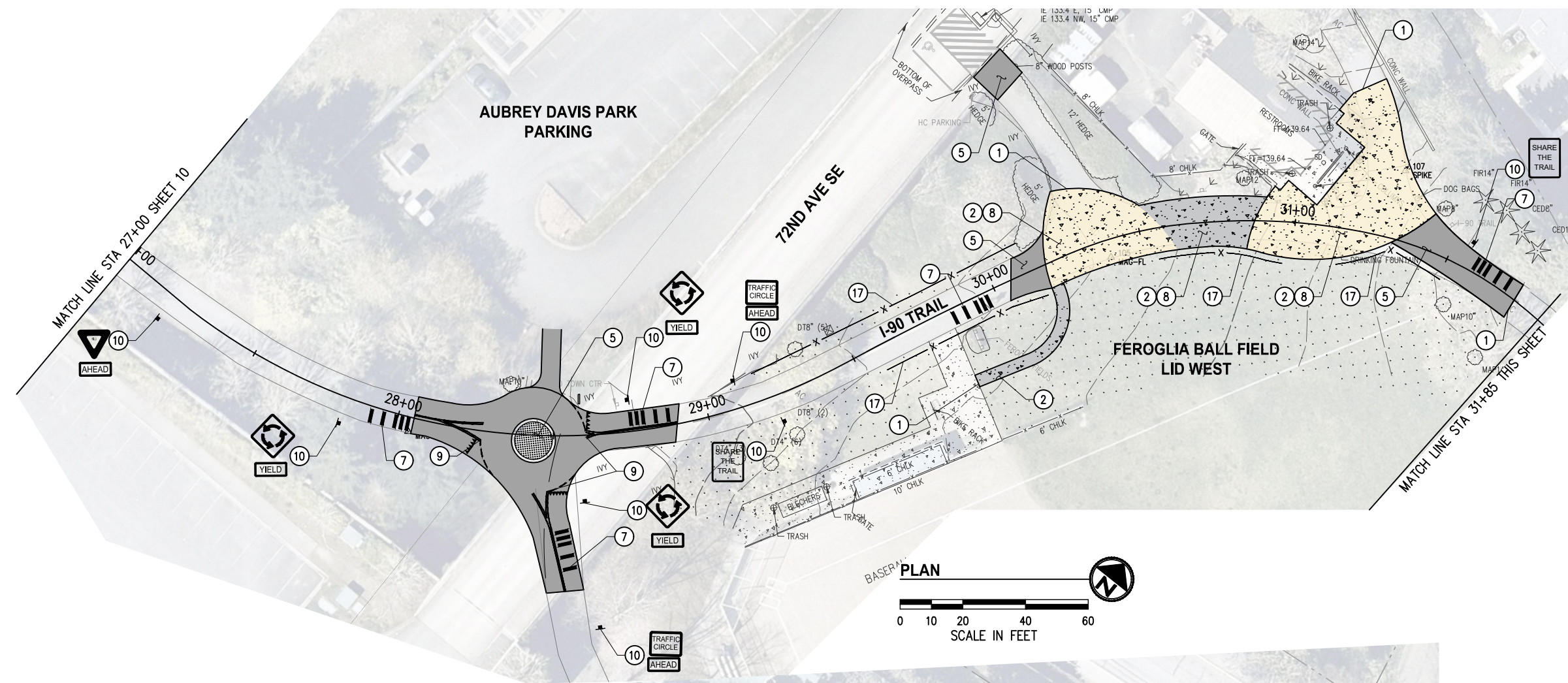
**GENERAL NOTES**

- CONTRACTOR SHALL SEQUENCE REMOVAL OF EXISTING FEATURES WITH CONSTRUCTION OF NEW ROADWAY ELEMENTS TO MINIMIZE IMPACTS TO PROPERTY OWNERS, TRAIL USERS, TRAFFIC FLOW, AND THE ENVIRONMENT.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY PEDESTRIAN ROUTE AROUND CONSTRUCTION ACTIVITY FOR THE DURATION OF CONSTRUCTION.

**CONSTRUCTION NOTES**

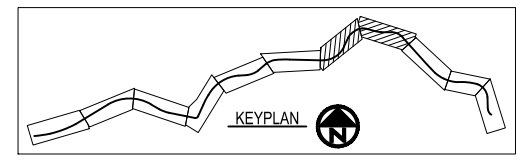
- MATCH EXISTING.
- CONSTRUCT CEMENT CONC SIDEWALK. SEE TYPICAL SECTION, SHEET 14.
- INSTALL HMA CL 1/2" PG58H-22 FOR WALKWAY. SEE TYPICAL SECTIONS, SHEET 14.
- INSTALL THERMOPLASTIC BAR PER DETAIL, SHEET 14.
- INSTALL DECORATIVE SCORED CEMENT CONCRETE PLAZA.
- INSTALL 4" WIDE, YELLOW, PAINT LINE.
- INSTALL REGULATORY SIGN.
- REMOVE BOLLARDS WITHIN PAVEMENT LIMITS.
- INSTALL LOW FENCING.

NOTE: REGULATORY SIGNS SHOWN ARE PLACE HOLDERS, CONTENT TO BE CONFIRMED BY 60% SUBMITTAL



**LEGEND**

- PROPOSED SIGN
- SCORED CEMENT CONCRETE TRAIL WITH DECORATIVE COLOR TREATMENT
- HMA TRAIL OR PAVEMENT
- DETECTABLE WARNING SURFACE
- CEMENT CONCRETE TRAIL



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CHECKED BY	DATE	

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**30% REVIEW SUBMITTAL**



CITY OF MERCER ISLAND  
AUBREY DAVIS PARK  
TRAIL SAFETY IMPROVEMENTS

TRAIL IMPROVEMENT PLANS  
STA 27+00 TO STA 36+00  
KPG PROJECT No. 21098 SHT 11 OF 18



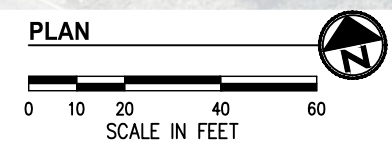
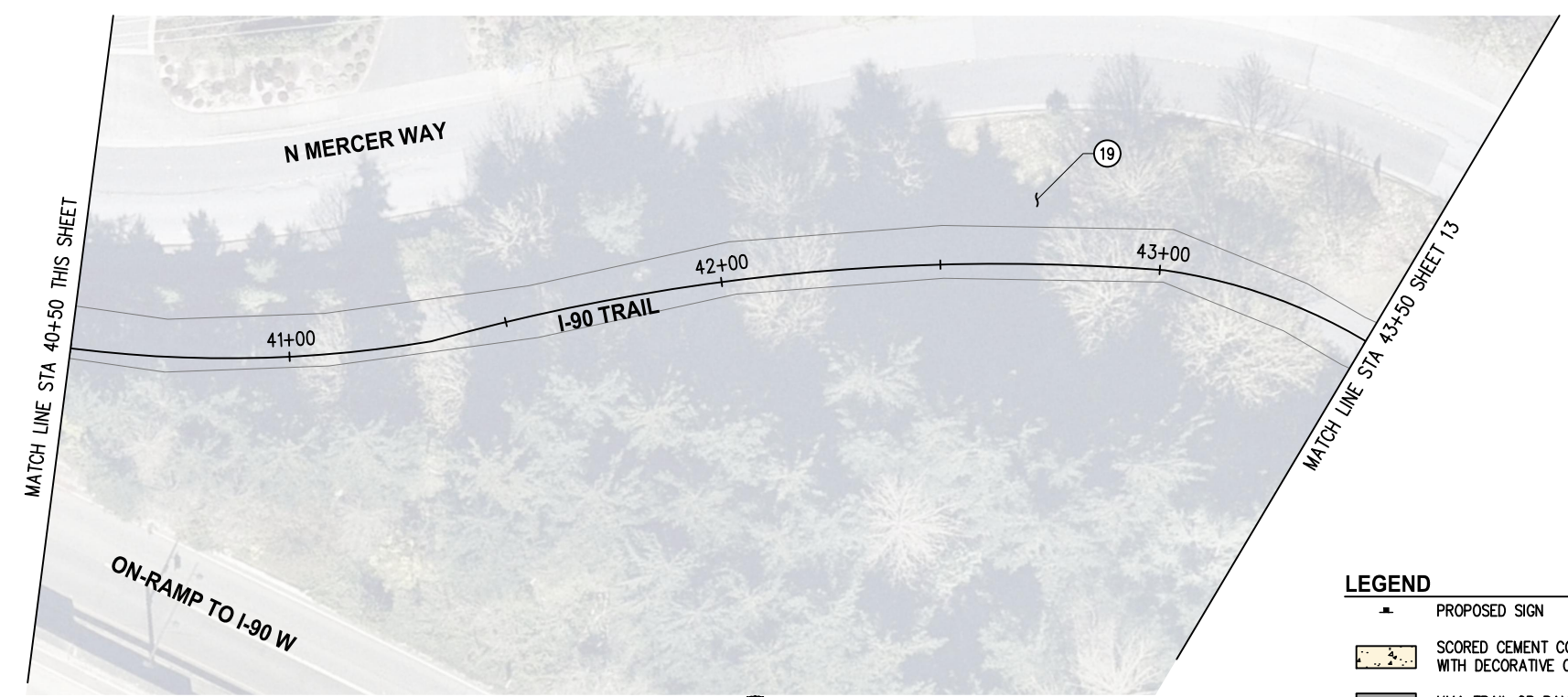
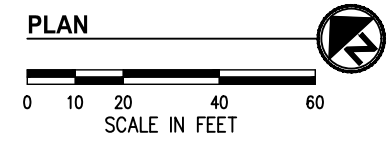
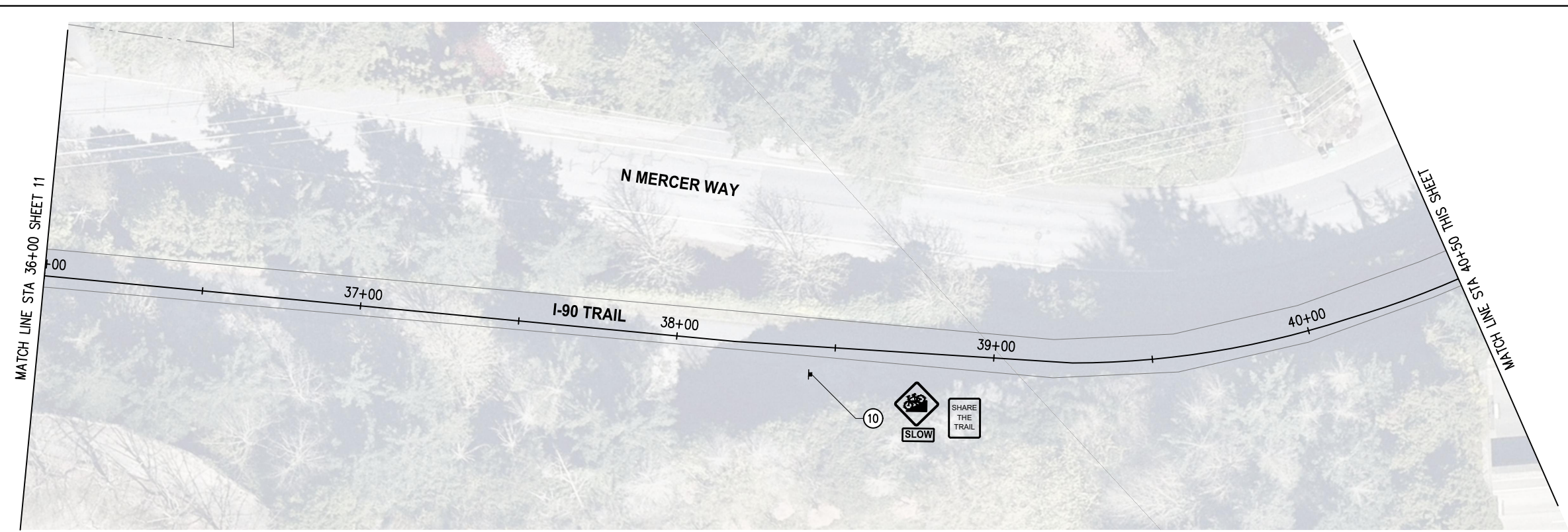
**GENERAL NOTES**

1. CONTRACTOR SHALL SEQUENCE REMOVAL OF EXISTING FEATURES WITH CONSTRUCTION OF NEW ROADWAY ELEMENTS TO MINIMIZE IMPACTS TO PROPERTY OWNERS, TRAIL USERS, TRAFFIC FLOW, AND THE ENVIRONMENT.
2. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY PEDESTRIAN ROUTE AROUND CONSTRUCTION ACTIVITY FOR THE DURATION OF CONSTRUCTION.

**CONSTRUCTION NOTES**

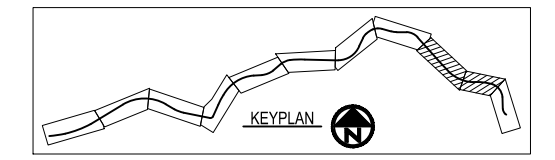
10. INSTALL REGULATORY SIGN.
19. LOCATE EXISTING TRAIL CONNECTION. EXISTING VEGETATION SHALL BE TRIMMED, PRUNED, OR CLEARED FOR SIGHT DISTANCES ON I-90 TRAIL PER DIRECTION OF ENGINEER.

NOTE: REGULATORY SIGNS SHOWN ARE PLACE HOLDERS, CONTENT TO BE CONFIRMED BY 60% SUBMITTAL



**LEGEND**

- PROPOSED SIGN
- SCORED CEMENT CONCRETE TRAIL WITH DECORATIVE COLOR TREATMENT
- HMA TRAIL OR PAVEMENT
- DETECTABLE WARNING SURFACE
- CEMENT CONCRETE TRAIL



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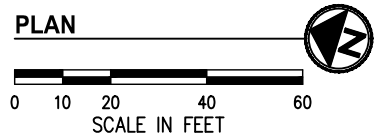
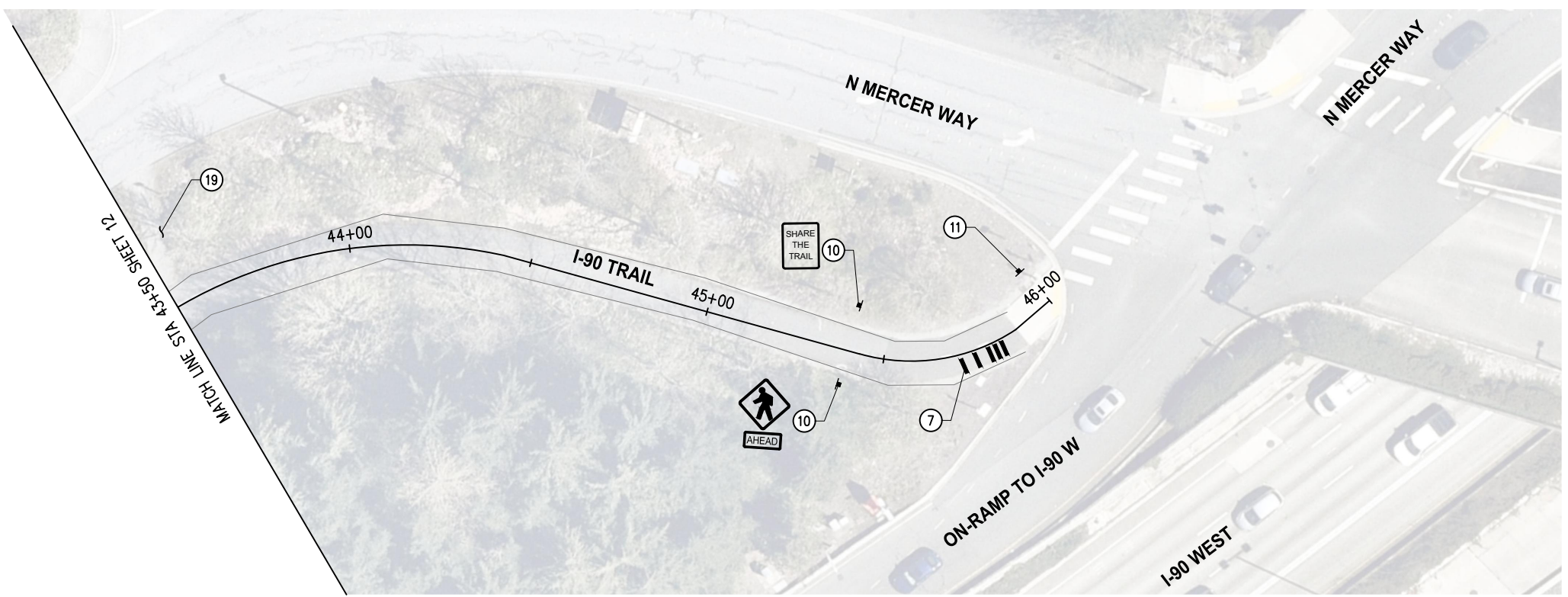
**30% REVIEW  
SUBMITTAL**



**CITY OF MERCER ISLAND  
AUBREY DAVIS PARK  
TRAIL SAFETY IMPROVEMENTS**

TRAIL IMPROVEMENT PLANS STA 36+00 TO STA 43+50	
KPG PROJECT No. 21098	SHT 12 OF 18





**GENERAL NOTES**

1. CONTRACTOR SHALL SEQUENCE REMOVAL OF EXISTING FEATURES WITH CONSTRUCTION OF NEW ROADWAY ELEMENTS TO MINIMIZE IMPACTS TO PROPERTY OWNERS, TRAIL USERS, TRAFFIC FLOW, AND THE ENVIRONMENT.
2. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY PEDESTRIAN ROUTE AROUND CONSTRUCTION ACTIVITY FOR THE DURATION OF CONSTRUCTION.

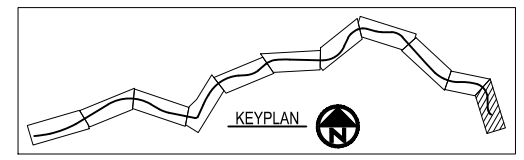
**CONSTRUCTION NOTES**

7. INSTALL THERMOPLASTIC BAR PER DETAIL, SHEET 14.
10. INSTALL REGULATORY SIGN.
11. INSTALL WAYFINDING SIGN.
19. LOCATE EXISTING TRAIL CONNECTION. EXISTING VEGETATION SHALL BE TRIMMED, PRUNED, OR CLEARED FOR SIGHT DISTANCES ON I-90 TRAIL PER DIRECTION OF ENGINEER.

NOTE: REGULATORY SIGNS SHOWN ARE PLACE HOLDERS, CONTENT TO BE CONFIRMED BY 60% SUBMITTAL

**LEGEND**

- PROPOSED SIGN
- SCORED CEMENT CONCRETE TRAIL WITH DECORATIVE COLOR TREATMENT
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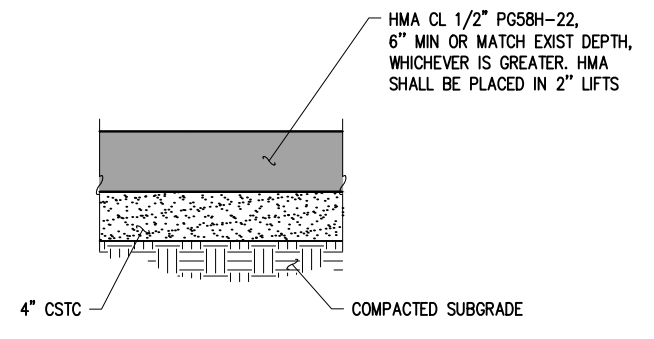
**30% REVIEW  
SUBMITTAL**



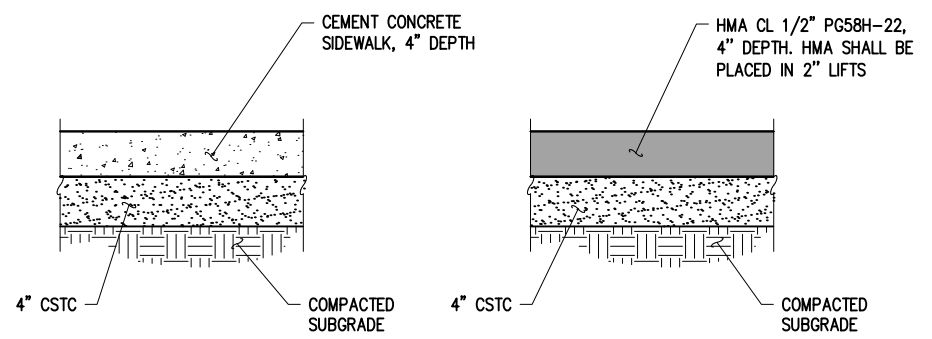
CITY OF MERCER ISLAND  
AUBREY DAVIS PARK  
TRAIL SAFETY IMPROVEMENTS

TRAIL IMPROVEMENT PLANS STA 43+50 TO STA 46+00	
KPG PROJECT No. 21098	SHT 13 OF 18

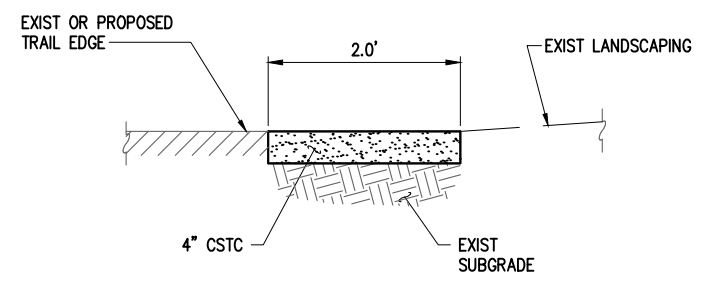




**HMA ROADWAY PAVEMENT SECTIONS**  
NTS



**TYPICAL TRAIL SECTIONS**  
NTS



INSTALL WHERE SHOWN ON PLANS  
**GRAVEL SHOULDER SECTION**  
NTS

**TYPICAL SECTION GENERAL NOTES**

1. SIDEWALKS SHALL PROVIDE A MINIMUM OF 5.0' CLEAR PEDESTRIAN WALKING ZONE.
2. SUBGRADE PREPARATION SHALL BE IN ACCORDANCE WITH SECTION 2-06 OF THE STANDARD SPECIFICATIONS.
3. ADDITIONAL FILL MATERIAL REQUIRED FOR CONSTRUCTION SHALL BE APPROVED CRUSHED ROCK WHEN REQUIRED BY ENGINEER. FILL MATERIAL SHALL BE COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
4. EMBANKMENTS SHALL BE CONSTRUCTED PER SECTION 2-03 OF THE STANDARD SPECIFICATIONS.
5. IF UNSUITABLE FOUNDATION IS ENCOUNTERED, THE CONTRACTOR SHALL CAREFULLY OVER EXCAVATE TO A MAXIMUM DEPTH OF 1.0' AND REPLACE WITH CRUSHED ROCK AS DIRECTED BY ENGINEER.
6. WHERE EXISTING EDGE OF PAVEMENT IS LESS THAN 2.0' FROM PROPOSED GUTTER PAN, CONTRACTOR SHALL SAWCUT AND REMOVE PAVEMENT AS REQUIRED TO PROVIDE 2.0' MINIMUM CLEARANCE.
7. MAXIMUM COMPACTED HMA LIFT THICKNESS SHALL NOT EXCEED 0.17'.
8. ACCESS TO ADJACENT PROPERTY MUST BE MAINTAINED AT ALL TIMES UNLESS PRIOR ARRANGEMENTS HAVE BEEN MADE AND APPROVED BY ENGINEER.
9. ALL PAVEMENT SHALL BE CUT BY SAW CUTTING FULL DEPTH IN A NEAT VERTICAL LINE PRIOR TO REMOVING. ANY DAMAGE TO ADJACENT PAVEMENT SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.



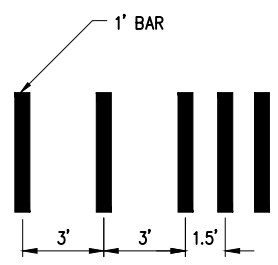
**SCORED CONCRETE EXAMPLE**



**SANDBLASTED CONCRETE EXAMPLE**



**SAWCUT CONCRETE EXAMPLE**



**THERMOPLASTIC BARS**  
NTS

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**30% REVIEW SUBMITTAL**



**CITY OF MERCER ISLAND  
AUBREY DAVIS PARK  
TRAIL SAFETY IMPROVEMENTS**

<b>TRAIL IMPROVEMENT DETAILS</b>	
KPG PROJECT No. 21098	SHT <u>14</u> OF <u>18</u>



**Paul West**

---

**From:** Stephen Majewski <majewski.stephen@gmail.com>  
**Sent:** Monday, August 08, 2022 11:07 AM  
**To:** liz@kpg.com; Jason Kintner; Alaine Sommargren; Parks & Rec Commission  
**Subject:** Aubrey Davis 30%

Commissioners,

I took the opportunity recently to take a snap of the proposed roundabout location.

As I have mentioned in the past, this is a very dark location and I hope this helps to illustrate why luminaires will be required for any design that imposes an obstacle to bicycle traffic.

The location sits directly North of a retaining wall and directly underneath the 72nd Ave. Further, it is surrounded by trees and there is no existing lighting in the vicinity.

In short, it's dim in the day and a black hole at night.

Please consider all of the impacts to Safety that a roundabout with any obstacles imposes on bicycle traffic.

Stephen Majewski





## Paul West

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**From:** Jim Stanton <jlstanton@gmail.com>  
**Sent:** Friday, August 12, 2022 9:23 AM  
**To:** Parks & Rec Commission  
**Cc:** Jeff Koontz; Mark Clausen; Kirk Griffin; Robert Olson; Paul West; Vicky Clarke  
**Subject:** Cyclists suggestions for improving I-90 Trail Safety

On behalf of the cyclists who have been active participants in this trail safety project process and are supportive of most of the elements in the 30% design, we submit the following comments in response to the PRC's 30% design discussion of 7/7/2023.

### General Concerns:

1. The purpose of the state grant is to improve the safety of shared trails for all users, yet we have not seen a discussion of the concerns raised by the cycling community. As far as we know from staff, there have been no bicycle-pedestrian accidents nor is there any evidence that recreational and commuting cyclists go at unsafe speeds through the park. Cyclists have raised concerns about issues that have caused cyclists to be injured and sent to the ER such as off leash dogs, root damaged trail surfaces, and distracted walkers of all types. We have not seen these safety concerns discussed or addressed, and signage examples focus solely on bicycle behavior.
2. Severe injuries caused by hazards on this trail have cost Mercer Island millions of dollars in judgements and settlements. In a case that resulted in a \$7 million dollar settlement, the state Supreme Court ruled that this trail was constructed and remains part of the state's transportation system and does not provide recreational immunity to the city. Accidents arising from poorly marked obstructions or badly maintained trail surfaces are likely to lead to more litigation.

### Roundabout concerns.

1. While we are supportive of a roundabout in principle, the newly proposed planter in the middle of the roundabout creates an obstacle for cyclists and increases the risks of a fall. A fall at any speed on a bicycle can send a cyclist to the hospital. The assumption that a cyclist hitting the planter would only fall on soft plants inside the planter and not the asphalt pavement surrounding the planter is unrealistic. If the signs warning of an upcoming roundabout would be sufficient to slow cyclists to avoid hitting the planter, then the same signs should slow cyclists sufficiently without a planter.
2. The examples of roundabouts with planters shown in the consultant's presentation underscore this point: they all have long sight lines and unrestricted visibility. Unfortunately the proposed roundabout sits in an unlit area on a curve with short sight lines and that is often dark and shaded. The city has been in the process of removing bollards on trails because they too are hard to see and have caused multiple accidents.
3. The roundabout design splits the trail into two narrower segments about 7 or 8 feet wide which reduces the trail width from the WSDOT trail width of 12 feet. People with dogs on leashes or walking in groups can completely block this narrower trail segment. The roundabouts in Wisconsin, UC Davis and Stanford shown below all provide ample room and long sight lines to avoid these conflicts.
4. The design doesn't provide any clear direction or channelization of pedestrians who will be crossing the roundabout from four different directions. In particular it is not clear how crossing pedestrians would actually use the roundabout. For example, pedestrians coming from the town center to go to the tennis courts would likely turn left rather than walking with traffic around the circle which could place them squarely in the path of



cyclists coming down hill. The cycling roundabout examples we have seen separate cyclists from pedestrians so this is not an issue. Examples are attached below

Recommendations for improved safety.

1. Address the issue of off leash dogs interfering with cyclists.
2. Roundabout.

- Remove the central planter or reduce the planter diameter and surround the planter with a slightly raised surface that will not cause a bicycle fall, such as the ones shown in the Stanford University and UC Davis photos attached.
- Remove the trail from the car park to the roundabout. Removing this little used pathway would reduce the risks and uncertainty resulting from pedestrians crossing across the flow of traffic as well as substantially reduce the impermeable surface area in the park.
- Separate pedestrians from bicycles in the roundabout or channelize pedestrian movement so everyone knows what to expect from the other users.
- If possible, widen the roundabout trail width to reduce bicycle-pedestrian conflicts. As there are no separate WSDOT standards for roundabout design, deviations from a 12 foot trail width may result in litigation if someone is injured.

3. Use signage and other markings to make users actions predictable and inform all users of the trail-- cyclists, pedestrians, and others--that they are on a trail to be shared with others.

Thank you for your work to make our trails safer .

Respectfully,

Neighbors in Motion

Jim Stanton, Jeff Koontz, Kirk Griffin, Mark Clausen, Bob Olson



UC Davis





Stanford University



Wisconsin Bike/Pedestrian roundabout





Proposed Roundabout location on Mercer Island

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## Paul West

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**From:** Stephen Majewski <majewski.stephen@gmail.com>  
**Sent:** Tuesday, July 19, 2022 3:35 PM  
**To:** Parks & Rec Commission; Alaine Sommargren; Jason Kintner  
**Subject:** Aubrey Davis 30%

Commissioners,

As an avid cyclist, bicycle commuter and frequent user of the Mountain to Sound Greenway Trail through ADP I have been following the development of safety improvements from the grant award with great interest.

I was impressed with the original 30% recommendations from KPG and thought they were well done.

I am, however, dismayed by some of the recent changes imposed by the PRC to that design. In particular, the changes to the roundabout that create a planter need to be reconsidered!

I understand that the motivation is to slow riders descending into the Feroglia common area, but the result of the planter is that it will become a collision hazard. Comparisons were made to the Wisconsin roundabout, but the siting of our roundabout puts it at the bottom of a curve on a descent.

Additionally, the requirement for lighting has been neglected. A large proportion of Northwest riding is actually in the dark and often in the rain. Signage, stripes and reflective paint are no guarantee that riders will be aware of an unlighted obstacle at the bottom of a curve.

Commissioners may recall that in 2006 Susan Camicial was left paralyzed when she collided with a bollard on the I-90 trail. As a result, the city committed to utmost safety in the corridor (after paying millions....). The 4-6" of curbing that was discussed at the June meeting is sufficient to create a similar mishap.

My recommendations:

-Scrap the changes to the original roundabout design. Construct the roundabout of textured concrete with no collision obstacles. Add pavement "ripples" (small cuts in the concrete) that provide cues that the environment is changing. Remember, bike tires are inflated to high pressures and these small cues are felt through the handlebars. If the addition of impermeable surface is of concern then make the center portion of the roundabout of permeable concrete.

-Thermoplastic warning bars are not a good idea. Thermoplastic is extremely slippery when it is wet and it is currently planned exactly where you expect riders to apply brakes to slow down, on the downhill section of a curve. You are creating a hazard!

-If the planter is a must-have, eliminate any curbing and make the planter completely flat with no collision obstacles. Add sufficient luminaires to illuminate the approach to the intersection, signage and the roundabout. A PLANTER ROUNDABOUT MUST BE LIT!

-Solicit input from cyclists and trail users.

Stephen Majewski





**Aubrey Davis Park Trail Improvements**  
 30% Engineer's Opinion of Probable Construction Costs  
 August 2022



No.	Spec No.	Description	Quantity	Unit	Unit Cost	Total
<b>Schedule A - Trail Improvements</b>						
A1	1-04	Minor Change	1	EST	\$ 5,000.00	\$ 5,000.00
A2	1-05	Roadway Surveying	1	LS	\$ 5,000.00	\$ 5,000.00
A3	1-05	Record Drawings (Minimum Bid \$3,000)	1	LS	\$ 3,000.00	\$ 3,000.00
A4	1-07	ADA Feature Surveying	1	LS	\$ 5,000.00	\$ 5,000.00
A5	1-07	SPCC Plan	1	LS	\$ 1,000.00	\$ 1,000.00
A6	1-08	Type B Progress Schedule (Minimum Bid \$5,000)	1	LS	\$ 5,000.00	\$ 5,000.00
A7	1-09	Mobilization	1	LS	\$ 40,000.00	\$ 40,000.00
A8	1-10	Project Temporary Traffic Control	1	LS	\$ 10,000.00	\$ 10,000.00
A9	2-01	Clearing and Grubbing	1	LS	\$ 4,000.00	\$ 4,000.00
A10	2-02	Removal of Structures and Obstructions	1	LS	\$ 10,000.00	\$ 10,000.00
A11	2-02	Asphalt Pavement Removal Incl Haul	670	SY	\$ 25.00	\$ 16,750.00
A12	2-02	Cement Conc. Sidewalk Removal Incl Haul	40	SY	\$ 35.00	\$ 1,400.00
A13	2-03	Roadway Excavation Incl. Haul	1	LS	\$ 17,000.00	\$ 17,000.00
A14	4-04	Crushed Surfacing Top Course	200	TON	\$ 55.00	\$ 11,000.00
A15	5-04	HMA CI 1/2" PG 58H-22	70	TON	\$ 350.00	\$ 24,500.00
A16	8-01	Erosion/Water Pollution Control	1	EST	\$ 5,000.00	\$ 5,000.00
A17	8-02	Topsoil Type A	80	CY	\$ 55.00	\$ 4,400.00
A18	8-02	Wood Chip Mulch	80	CY	\$ 70.00	\$ 5,600.00
A19	8-02	Fine Compost	80	CY	\$ 55.00	\$ 4,400.00
A20	8-02	Seeded Lawn Installation	610	SY	\$ 2.00	\$ 1,220.00
A21	8-02	PSIPE	1	LS	\$ 5,000.00	\$ 5,000.00
A22	8-12	Temporary Chain Link Fence	350	LF	\$ 4.00	\$ 1,400.00
A23	8-12	Fencing	230	LF	\$ 30.00	\$ 6,900.00
A24	8-14	Cement Concrete Trail	390	SY	\$ 125.00	\$ 48,750.00
A25	8-14	Concrete Surface Decorative Treatment	310	SY	\$ 45.00	\$ 13,950.00
A26	8-21	Permanent Signing	1	LS	\$ 29,650.00	\$ 29,650.00
A27	8-30	Remove and Reinstall Bicycle Rack	1	ea	\$ 1,500.00	\$ 1,500.00
A28	8-30	Remove and Reinstall Waste Receptacle	1	ea	\$ 1,500.00	\$ 1,500.00
A29	8-30	Remove and Reinstall Recycle Receptacle	1	ea	\$ 1,500.00	\$ 1,500.00
A30	8-30	Remove and Reinstall Dog Bag Waste Dispenser	1	ea	\$ 500.00	\$ 500.00
A31	8-31	Drinking Fountain	1	ea	\$ 9,000.00	\$ 9,000.00
<b>Schedule A Subtotal</b>						<b>\$ 298,920.00</b>
<b>Sales Tax (10.1%)</b>						<b>\$ 30,190.92</b>
<b>Contingency (15%)</b>						<b>\$ 44,838.00</b>
<b>Total Construction Cost Estimate Schedule A</b>						<b>\$ 373,948.92</b>





**PARKS AND RECREATION COMMISSION  
CITY OF MERCER ISLAND, WASHINGTON**

9611 SE 36<sup>th</sup> Street | Mercer Island, WA 98040-3732  
(206) 275-7793 | [www.mercerisland.gov](http://www.mercerisland.gov)

DATE: September 1, 2022  
TO: Mercer Island City Council  
FROM: Parks and Recreation Commission  
Jodi McCarthy, Chair, Peter Struck, Vice Chair, Don Cohen, Paul Burstein, Sara Marxen, Rory Westberg, Ashley Hay  
SUBJECT: Recommendation on Aubrey Davis Park Trail Safety Improvements 30% Design

---

The Mercer Island Parks and Recreation Commission is pleased to present our recommendation on the Aubrey Davis Park Trail Safety Improvement 30% Design.

**Summary Recommendation:**

The Parks and Recreation Commission (PRC) commenced review of this matter on April 7, 2022, and discussed the topic over four meetings. The project design team collected public input through a virtual open house held on xx and an online survey conducted from xx to xx as well as received public comments via the project page on Let’s Talk. This input was presented to the PRC for consideration at the outset of its deliberations.

We recommend the City Council approve the 30% design as presented in Exhibit A. The design includes regulatory signage and pavement markings at trail intersections throughout the Lid Park. It also provides additional trail modifications in the ballfield/restroom area that will reduce speeds, channelize cross-trail traffic, and alert all users to the “mixing zone” they are entering.

**Project Priorities:**

In making this recommendation, the PRC prioritizes the following:

**Focus on safety**

The PRC initially considered a suite of improvements that were collected from public input. With the limited budget, the PRC chose to prioritize improvements that would directly enhance safety. The PRC quickly concluded that signs and pavement striping were low-cost measures that would improve user safety. The utility of other improvements such as benches, kiosks, and pull-out areas was not as clear.



**Focus on the ballfield/restroom area**

The initial design included substantial improvements at the West Mercer Way crossing. The PRC concluded that these improvements, while useful, were not as critical to trail safety as the improvements proposed for the ballfield/restroom area. The PRC concluded that the project should focus trail improvements there. Particularly, the importance of a roundabout at the entrance to this area was identified as key to control traffic flow before trail users enter the mixing zone at the ballfield. Using concrete pavement to better define the restroom mixing zone will also further signal the need to be alert to the areas where park uses enter the trail.

**Stay within the available budget**

The Engineer's Estimate provided for the recommended 30% design exceeds the available budget of \$350,000 by approximately \$25,000. However, the PRC recommends moving forward with this scope of work, as the design achieves the goals of the project, and the estimate is a planning-level estimate that is likely to change when the project is publicly bid for construction.

**Other Considerations:**

On June 2, the PRC and the Mercer Island Arts Council held a joint meeting and discussed opportunities to integrate art and/or placemaking elements into the project that would be consistent with the Aubrey Davis Park Master Plan. The PRC understands that placemaking elements incorporated into the trail could foster more considerate behaviors among trail users but also wants any features to be compatible with the park's natural landscape, including employing judicious selection of themes and colors. These recommendations will be transmitted to the Arts Council to further inform their discussions of how to use the project's 1% for Art in Public Places contribution (approximately \$3,500).

**Conclusion:**

The PRC believes the recommended 30% design provides much-needed improvements that can be constructed within the available budget. The design prioritizes improvements that will directly enhance trail safety and focuses major improvements at the ballfield/restroom area, which is a critical area of concern. **Discuss the next steps here?**



# Parks & Recreation Commission

## 2022 Planning Schedule



1st Thursday of Month- Regular Meetings

Updated: Aug. 18, 2022

Meeting Date	Meeting Type	Agenda Item
6-Jan	Regular	Policy: Special Events Policy Considerations
		PROS: Confirm Recommendation/Handoff memo
		Luther Burbank Docks 30% Design- First Reading
18-Jan	Joint w/ City Council	Parks, Recreation, and Open Space Plan: Handoff to Council
3-Feb	Regular	Luther Burbank Docks 30% Design- 2nd Reading
		Policy: Special Events Policy Considerations (cont.)
		Summary of 2021 ARPA deferred planter bed maintenance
3-Mar	Regular	Mercer Island Library- Annual Update
		Policy: Special Events Policy Considerations (cont.)
7-Apr	Regular	First Reading: Aubrey Davis Trail Safety Improvements 30% Design
		KCLS Presentation Review (Discussion)
Apr. 26	Special	Bike Skills Area
5-May	Regular	Policy: Athletic Field Use & Allocation
		2021 Year-End Review/ 2022 Service Update (Moved from March)
2-Jun	Joint w/ AC & Regular Meeting	Aubrey Davis Trail Safety Improvements 30% Design
		Recreation Division Annual Report
		Recreation Division 2022 Services Update
		Bike Skills Area- cont.
7-Jul	Regular	Chair/Vice-Chair Elections
		Aubrey Davis Trail Safety Improvements 30% Design
		Bike Skills Area-cont.
		Bylaws Review
		Donation/Memorials/Recognitions and Naming Rights (policy)
August	No Meetings Summer Break	
1-Sep	Regular	Aubrey Davis Trail Safety Improvement Project 30% Design Revisions
		Public Art Project: Aubrey Davis Park Stacks
		Bike Skills Area Project-Update
		2023/2024 Parks & Recreation Proposed Services-
		Donation/Memorials/Recognitions and Naming Rights (policy)
6-Oct	Regular	Donation/Memorials/Recognitions and Naming Rights(policy)
		Special Usages of Parks
		MISD Interlocal Agreement-
3-Nov	Regular	Donation/Memorials/Recognitions and Naming Rights (policy)
		Recreation Services Scholarship (policy)



5-NOV	Regular	2023/2024 Proposed Services (Memo)
1-Dec	Regular	Check-in update: Facility Allocation and Use Policy
		PRC Year in Review
		2023 PRC Planning Schedule/ Work Plan

Item Type	Items to be scheduled
Policy	Park Code/Rules Updates- signage in parks, appropriate uses of space, etc. (Q4)
Project	Luther Docks Project (TBD)
Other	(various) Master Plan completion updates (Q4)
Annual Agenda Items	
	KCLS- Mercer Island Branch Operations Update (March)
	PROS Plan Goals/Implementation Update (May)
	Annual PRC Chair/Vice-Chair Elections (May)
	PROS Plan Goals/Implementation Update (June)
	Annual Bylaws Review (July)
	Various CIP Recommendations (TBD)