

AGENDA

**DES MOINES CITY COUNCIL
REGULAR MEETING
City Council Chambers
21630 11th Avenue S, Suite C.
Des Moines, Washington
Thursday, February 13, 2025 - 6:00 PM**

City Council meeting can be viewed live on the City's website, Comcast Channel 21/321 or on the City's [YouTube](#) channel.

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL

CORRESPONDENCE NOT PREVIOUSLY RECEIVED BY COUNCIL

COMMENTS FROM THE PUBLIC

COMMITTEE CHAIR REPORT

- MUNICIPAL FACILITIES COMMITTEE: Chair Jeremy Nutting
- ECONOMIC DEVELOPMENT COMMITTEE: Chair Jeremy Nutting
- FINANCE COMMITTEE: Chair Matt Mahoney
- ENVIRONMENT COMMITTEE: Chair JC Harris
- PUBLIC SAFETY EMERGENCY MANAGEMENT: Chair Traci Buxton

CITY MANAGER REPORT/PRESENTATIONS/BRIEFINGS

- Item 1. KING COUNTY METRO SOUTH LINK CONNECTIONS MOBILITY PROJECT
[South Link Connections Mobility Project PowerPoint](#)
- Item 2. DES MOINES CREEK ESTUARY PROJECT
[Des Moines Creek Estuary PowerPoint](#)
- Item 3. **AIRPORT COMMISSION & PLANNING COMMISSION SCHEDULE**
[Airport Commission & Planning Commission Schedule PowerPoint](#)

CONSENT AGENDA

- Item 1. APPROVAL OF VOUCHERS

Motion is to approve the payment vouchers through January 30, 2025 and payroll transfers through January 22, 2025 in the attached list and further described as follows:

EFT Vendor Payments	#11306-11389	\$1,844,997.63
Voided EFT	#11284-11284	\$ (375.00)
Wires	#2846-2852	\$ 494,640.33
Accounts Payable Checks	#166385-166446	\$ 924,940.26
Voided AP Checks	#165543, 166144	\$ (525.61)
Payroll Checks	#19920-19921	\$ 431.51
Payroll Advice	#12287-12454	\$ 562,680.38
Payroll Checks Voided	#19908-19908	\$ (3502.82)
Payroll Check	#19922-19922	\$ 3502.82

Total Checks and Wires for A/P & Payroll: \$ 563,093.89

[Approval of Vouchers](#)

- Item 2. BLACK HISTORY MONTH PROCLAMATION
Motion is to approve the Proclamation recognizing February as Black History Month.
[Black History Month Proclamation](#)

- Item 3. BARNES CREEK TRAIL - SOUTH 240TH STREET CONSULTANT CONTRACT
Motion is to approve Supplement #2 for KPG Psomas to provide final design and right-of-way services for the Barnes Creek Trail Project in the amount of \$88,516.51 and further authorize the City Manager to sign said Contract Amendment substantially in the form as submitted.
[Barnes Creek Trail - South 240th Street Consultant Contract](#)

- Item 4. SENIOR CENTER ROOF CONTRACT AMENDMENT
Motion is to approve Change Order 1 to the Public Works Contract with Allied Roofing Installation Services LLC for the 2024 Senior Activity Center Upper Roof Replacement in the amount of \$24,795.00, and authorize a project construction contingency in the amount of \$2,479.50, and further authorize the City Manager to sign said Change Order substantially in the form as submitted.
[Senior Center Roof Contract Amendment](#)

- Item 5. FIELD HOUSE PLAYGROUND EQUIPMENT UPGRADE PROJECT AGREEMENT
Motion is to approve the 2022-2023 On-Call General Civil Engineering Services Task Assignment 2022-03 Supplement 5 with Perteet Inc. for the Field House Playground Equipment Upgrade Project in the amount

of \$7,231.00 for Construction Administration Services, and further authorize the City Manager to sign said Agreement substantially in the form as submitted.

[Field House Playground Equipment Upgrade Project Agreement](#)

UNFINISHED BUSINESS

- Item 1. DES MOINES CREEK ESTUARY PROJECT, ON-CALL GENERAL ENGINEERING SERVICES TASK ASSIGNMENT-WITH PARAMETRIX

[Des Moines Creek Estuary Project, On-Call General Engineering Services Task Assignment-with Parametrix](#)

- Item 2. BOAT LAUNCH AND DRY STACK STORAGE FEASIBILITY STUDY

[Boat Launch and Dry Stack Storage Feasibility Study](#)

[Boat Launch & Dry Stack Storage Feasibility Study PowerPoint](#)

NEW BUSINESS

- Item 1. NEW AGENDA ITEMS FOR CONSIDERATION – 10 Minutes

COUNCILMEMBER REPORTS

(4 minutes per Councilmember) - 30 minutes

PRESIDING OFFICER'S REPORT

EXECUTIVE SESSION

NEXT MEETING DATE

February 27, 2025 City Council Regular Meeting

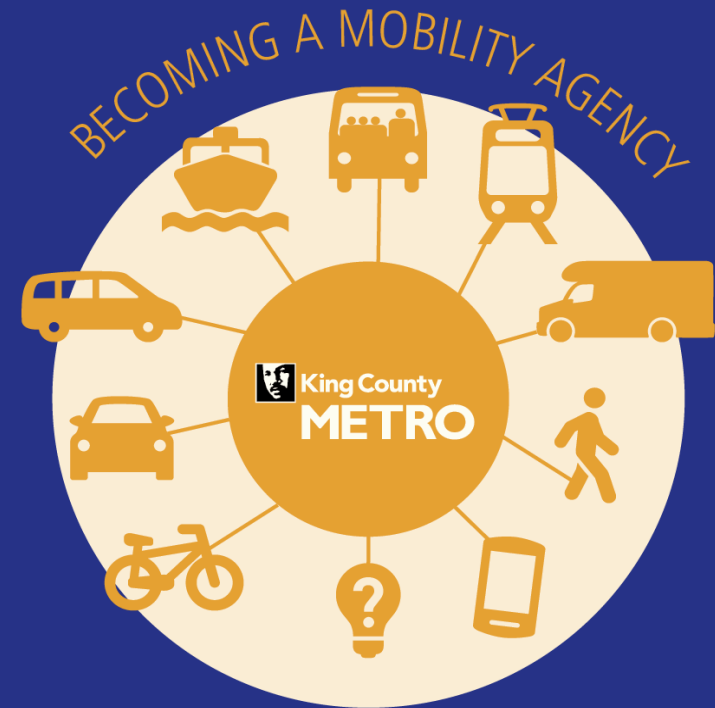
ADJOURNMENT

[Projected Future Agenda Items](#)

[Public Comment 02.13.2025](#)

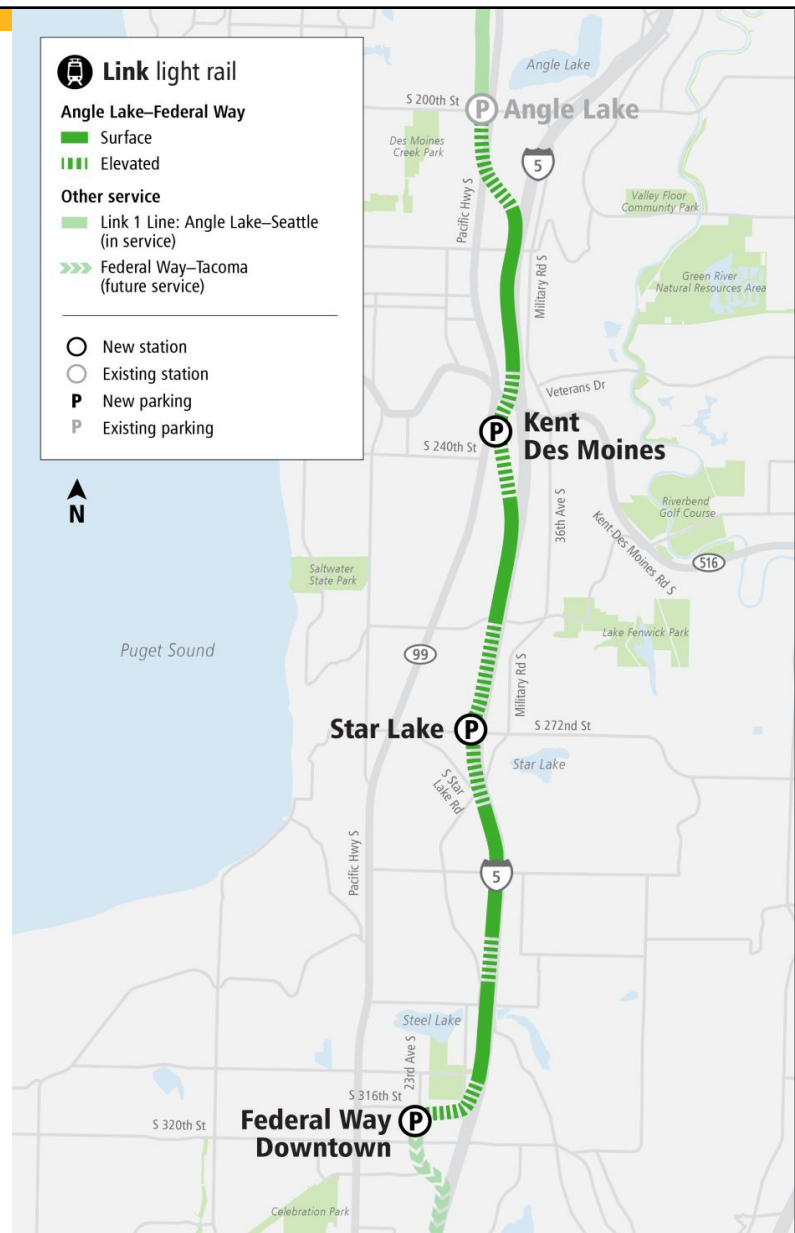
South Link Connections Mobility Project

Presentation to Des Moines City Council
February 13, 2025



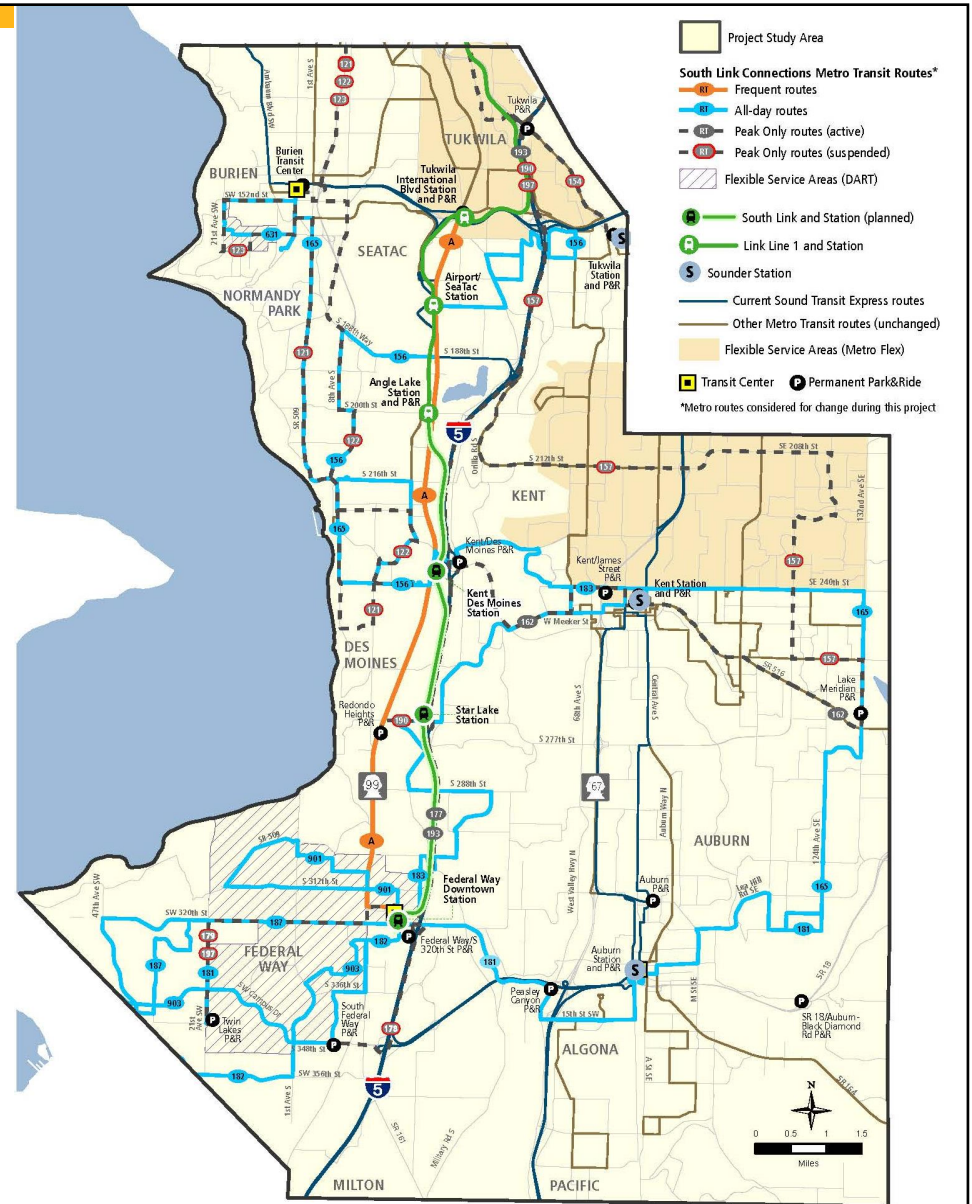
Background

- Three new stations added to the 1 Line as early as 2026
 - Kent Des Moines
 - Star Lake
 - Federal Way Downtown

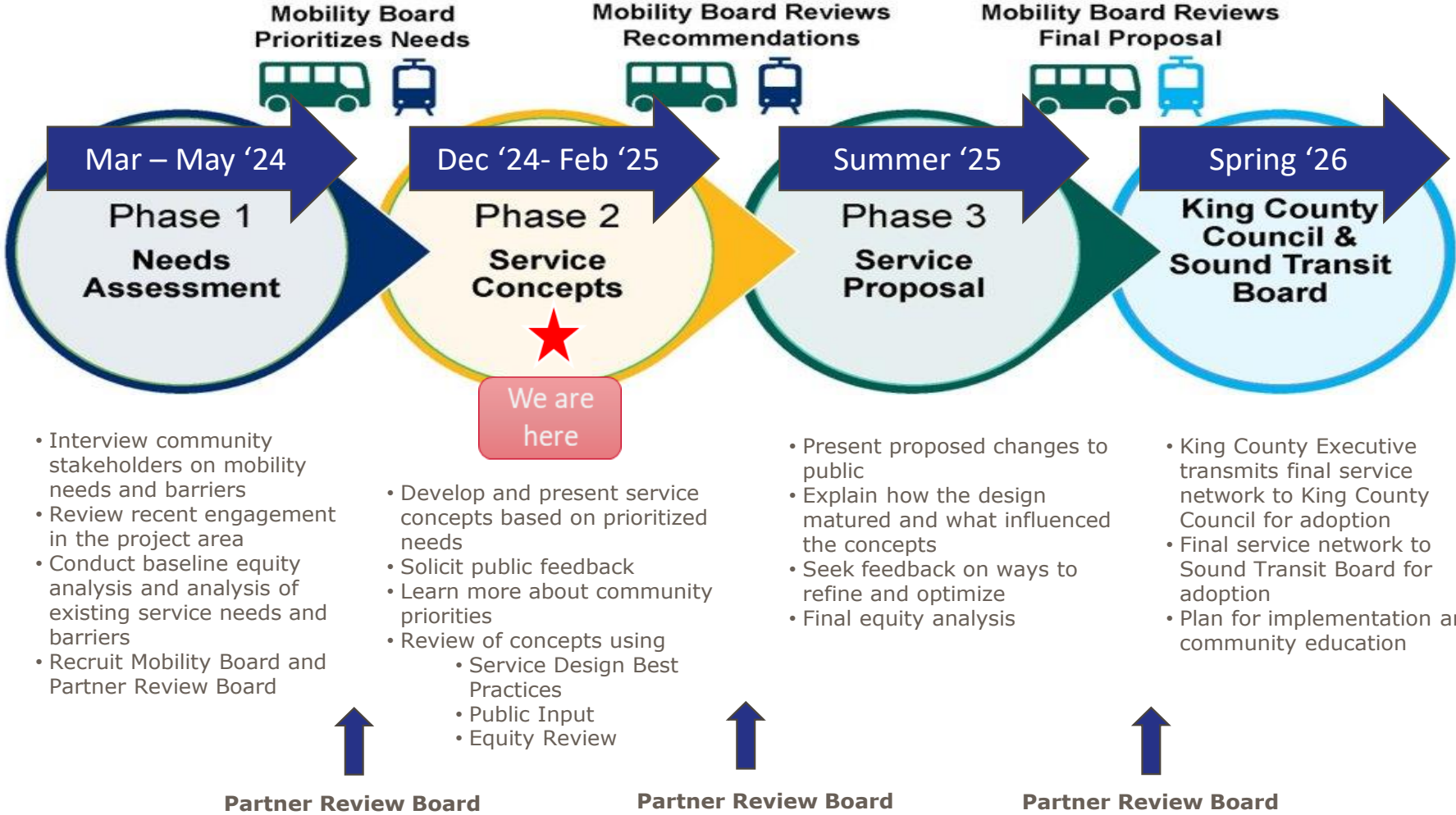


Project Scope

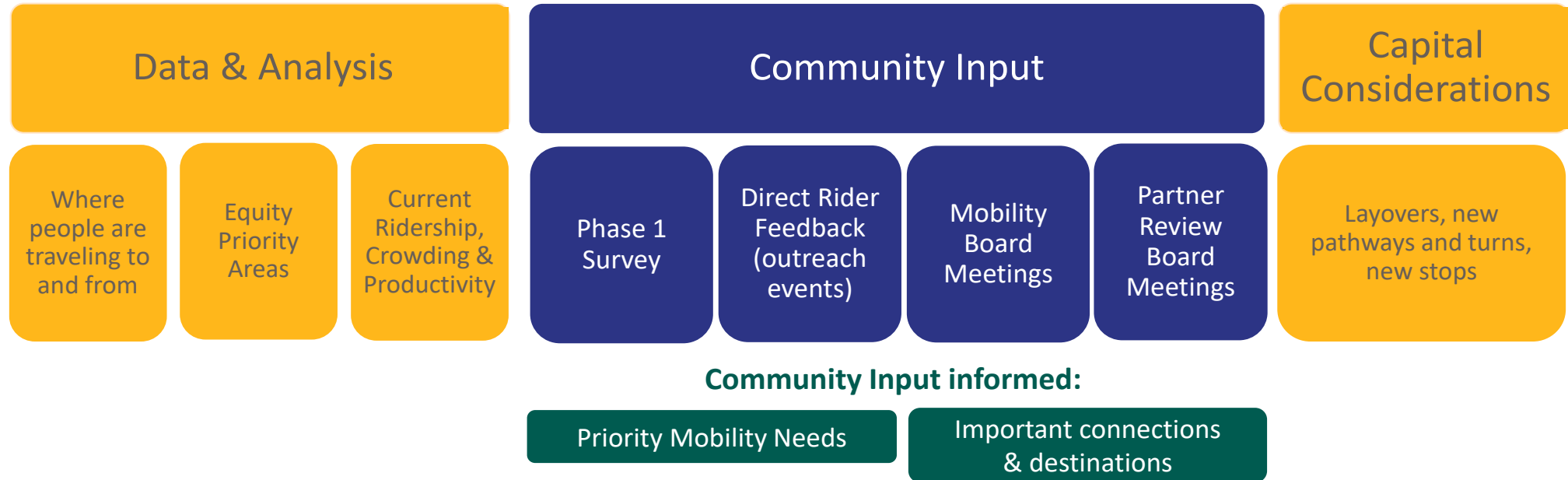
- **Project routes** – Twenty-two routes
 - Ten all-day routes: A Line, 156, 165, 181, 182, 183, 187, 631, 901, 903
 - Twelve peak-only routes: 121, 122, 123, 154, 157, 162, 177, 178, 179, 190, 193, 197
- **Project area** – Communities in eleven cities and unincorporated King County
 - Algona, Auburn, Burien, Des Moines, Federal Way, Kent, Normandy Park, Pacific, SeaTac, Tukwila, and unincorporated areas
 - The project area will be the focus of community engagement and equity analyses



Engagement Timeline – Fall 2026 Implementation






What has informed the Phase 2 Network

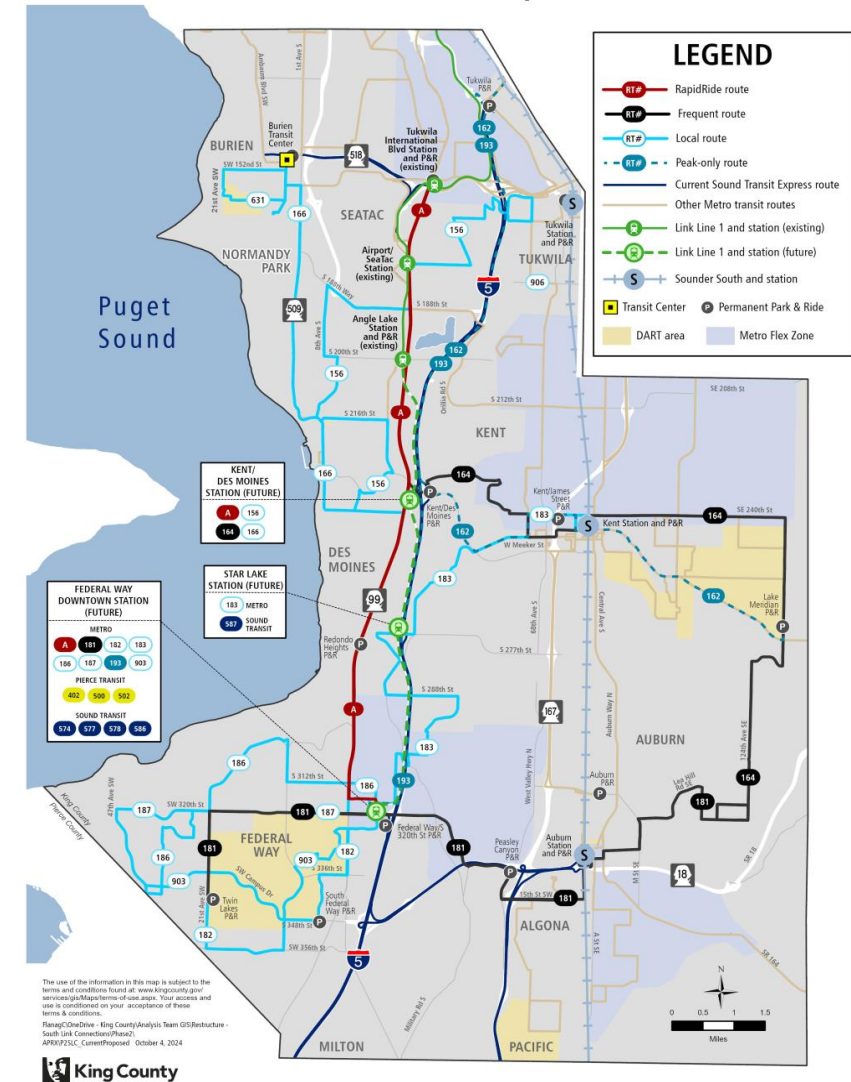


Three Decision Making Factors: Community Input, Equity, Service Design Best Practices



How does the network respond to Mobility Needs?

Mobility Needs	What's in the concept
 <p>Greater transit coverage</p>	<ul style="list-style-type: none"> Two new Metro Flex pilot zones in Federal Way and Auburn
 <p>Improve early-morning and night-time service</p>	<ul style="list-style-type: none"> Provide earlier and/or later trips throughout the week on seven routes (156, 181, 182, 183, 186, 187, 903)
 <p>Faster transit travel times</p>	<ul style="list-style-type: none"> Routes reoriented to serve future Link stations Added new frequent services Trips come more often on five routes Improved travel time and directness between West Federal Way and Downtown Federal Way

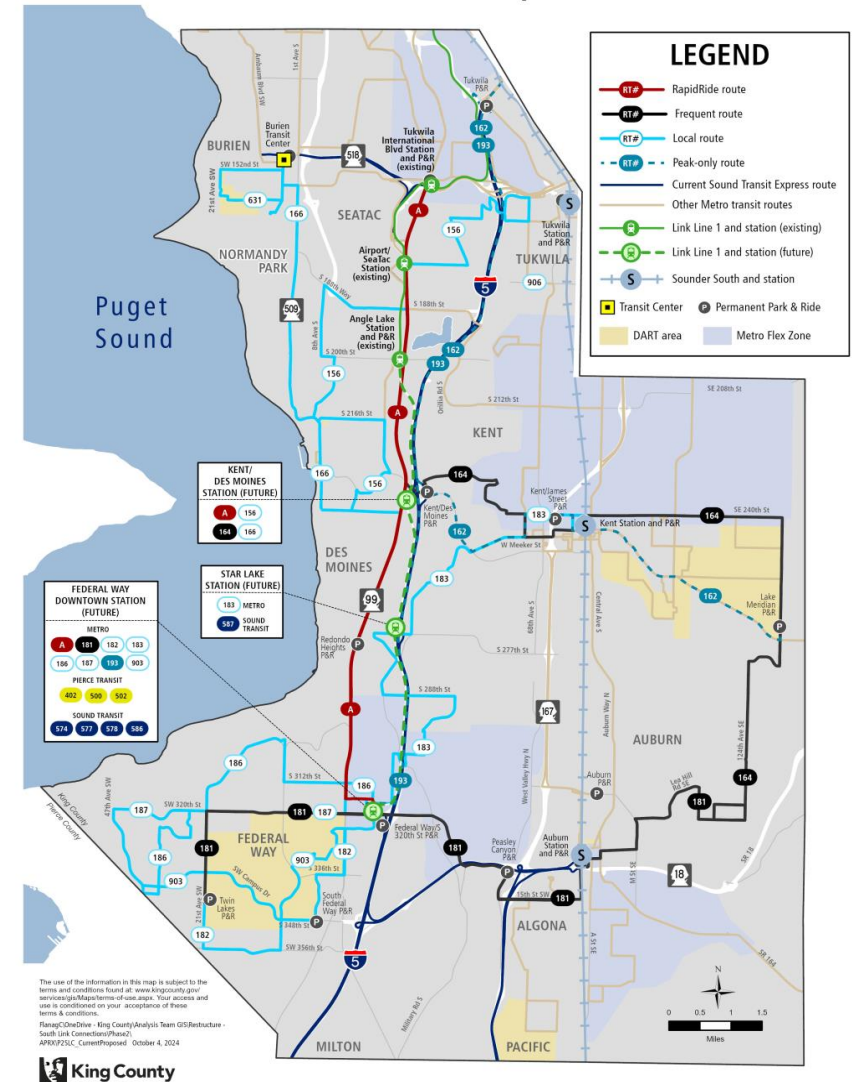
South Link Connections Phase 2: Proposed Transit



How does the network respond to Mobility Needs?

Mobility Needs	What's in the concept
 <p>Improved east-west connections</p>	<ul style="list-style-type: none"> New frequent service on main east-west connections <ul style="list-style-type: none"> New Route 164: Kent Des Moines Station to Green River College via Kent Station Improved Route 181: Twin Lakes to Green River College via Auburn Station
 <p>Increased weekend service</p>	<ul style="list-style-type: none"> Route 183: new Sunday service Route 631: new Saturday and Sunday service Trips come more often on five routes on weekends Later and/or earlier trips on six routes on weekends 35 percent more trips on Saturday and 75 percent more trips on Sunday. For most routes, Saturday and Sunday schedules are more consistent with each other, making service easier to understand.

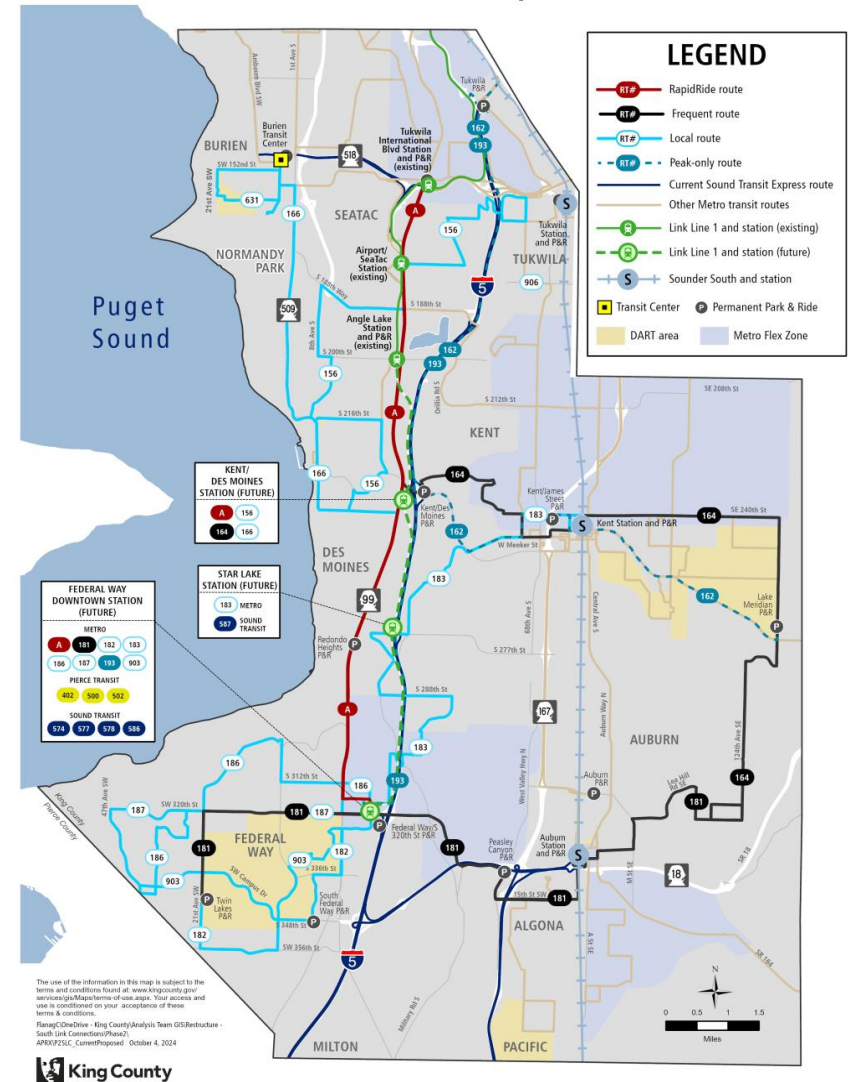
South Link Connections Phase 2: Proposed Transit



Network Tradeoffs

- Removed nine suspended routes and one in-service peak-only route to invest in prioritized mobility needs.
 - Routes 121, 122, 123, 154, 157, 177, 178, 179, 190, 197
- Reduced unproductive and low-ridership service to invest in prioritized mobility needs.
 - Replacement of DART Route 901
 - Trip reductions on Route 162
 - Stop reductions on Route 193

South Link Connections Phase 2: Proposed Transit



Impacts to Des Moines

Impacts to Des Moines

No Change: Route 635

- Not part of the South Link Connections project scope.

Revised Route 156

- Earlier and later trips throughout the week
- Connection to KDM station

New Routes 164 and 166

- Replaces Route 165

Improved RapidRide A Line

- Connections to Federal Way Downtown Station and Kent Des Moines Station

Removed suspended Routes 121*, 122*

- Removed to reinvest resources into prioritized mobility needs
**route is currently suspended and not operating*



Revised Route 156: Kent Des Moines Station to Southcenter via Des Moines and SeaTac Station

How often might this bus run?

Frequency (minutes)

Peak 6-9 am 3-7 pm	Midday 9 am- 3 pm	Evening 7-10 pm	Night 10 pm- 5 am	Hours of Service Rounded to the nearest 15 minutes
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Weekday	20-30	30	30-60		4:30 am – 10:00 pm
Saturday	60	60	60		4:30 am – 9:30 pm
Sunday	60	60	60		4:30 am – 9:30 pm

Key:

- Service Increase
- Service Decrease
- No Change

How might my bus be changing?



Faster travel times

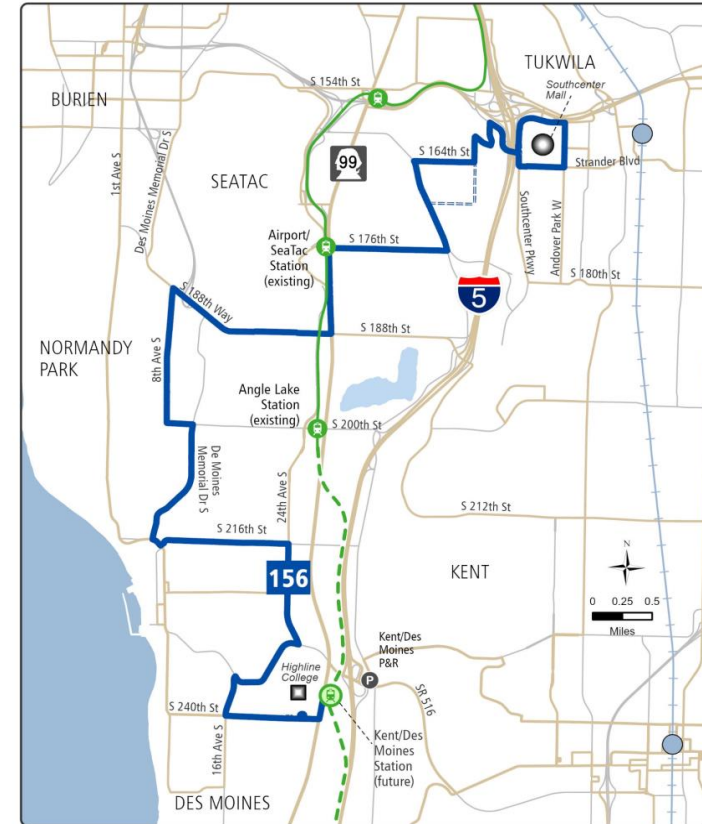


Increased weekend service





Improved early morning and nighttime service

- Revised local Route 156 would travel between Kent Des Moines Station, Des Moines, SeaTac Station, and Southcenter with earlier trips every day of the week and later trips on weekdays.
 - This change would help meet the travel needs of airport workers.
- Route 156 would connect to the new Kent Des Moines Station.
- The revised route would have a simpler path through McMicken Heights in SeaTac.



— Proposed Route 156
 — Removed portion of Route 156
 — Other routes

—  Link line 1 and station (future)
 —  Link line 1 and station (existing)

● Sounder South and station
 P Permanent Park & Ride

New Route 166: Kent Des Moines Station to Burien Transit Center via Des Moines & Normandy Park

How often might this bus run?

Frequency (minutes)

Peak 6-9 am
3-7 pm

Midday 9 am-
3 pm

Evening 7-10 pm

Night 10 pm-
5 am

Hours of Service
Rounded to the nearest
15 minutes

	Peak	Midday	Evening	Night	Hours of Service
Weekday	30	30	30	60	4:30 am – 11:30 pm
Saturday	30	30	30		5:30 am – 10:00 pm
Sunday	30	30	30		5:30 am – 10:00 pm

Key:

Service Increase

Service Decrease

No Change

How might my bus be changing?



Faster travel times



Improved east-west connections

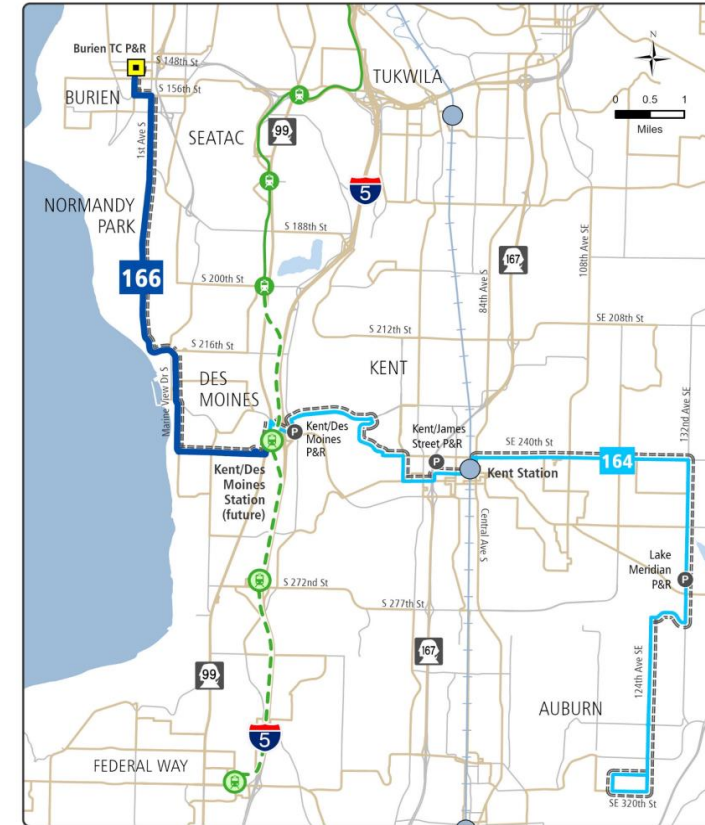


Improved early morning and nighttime service



Increased weekend service

- Replaced Route 165 would be split into two new routes: local Route 166 and frequent Route 164.
- Route 166 would replace the portion of Route 165 that travels between Kent Des Moines Station, Des Moines, Normandy Park, and Burien Transit Center. For travel between Kent Des Moines Station and Kent/Green River College see new Route 164.
- Compared to the current Route 165, this route would provide trips earlier in the morning and later at night every day of the week and more trips on weekends.
- Riders traveling between Burien/Normandy Park to Kent or Green River College may need to transfer at Kent Des Moines Station to complete their trip.



New Route 164: Kent Des Moines Station to Green River College via Kent Station

How often might this bus run?

Frequency (minutes)

	Peak 6-9 am 3-7 pm	Midday 9 am- 3 pm	Evening 7-10 pm	Night 10 pm- 5 am	Hours of Service Rounded to the nearest 15 minutes
Weekday	15	15	30	30	4:30 am – 11:00 pm
Saturday	30	30	30	30	5:30 am – 11:00 pm
Sunday	30	30	30	30	5:30 am – 11:00 pm

Key:

Service Increase

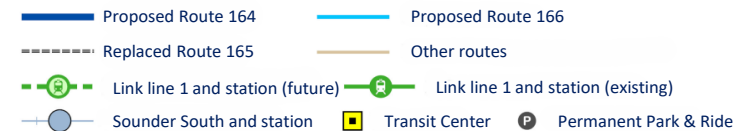
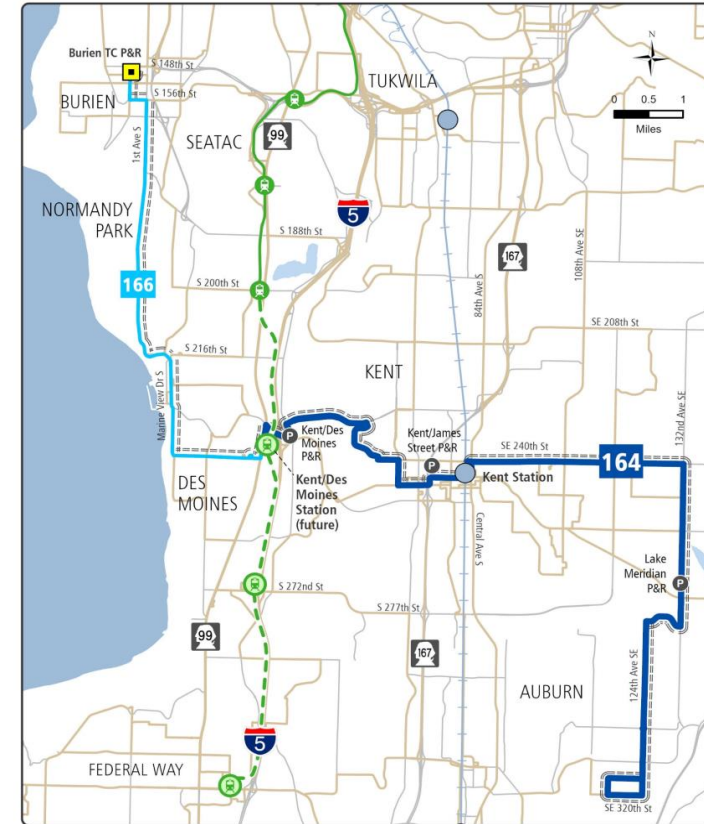
Service Decrease

No Change

How might my bus be changing?



- Route 165 would be split into two new routes: frequent Route 164 and local Route 166.
- New Route 164 would replace the portion of Route 165 that travels between Kent Des Moines Station and Kent/Green River College. For travel between Kent Des Moines Station and Burien Transit Center, see new Route 166.
- This route would provide more frequent trips earlier in the morning and later at night on weekdays and weekends for the majority of riders currently using Route 165.
- Riders traveling between Burien/Normandy Park to Kent or Green River College may need to transfer at Kent Des Moines Station to complete their trip.



Improved Rapid Ride A Line: Federal Way Downtown Station to Tukwila International Boulevard Station via Kent Des Moines Station

How often might this bus run?

Frequency (minutes)

Peak 6-9 am 3-7 pm	Midday 9 am- 3 pm	Evening 7-10 pm	Night 10 pm- 5 am	Hours of Service Rounded to the nearest 15 minutes
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	Peak 6-9 am 3-7 pm	Midday 9 am- 3 pm	Evening 7-10 pm	Night 10 pm- 5 am	Hours of Service Rounded to the nearest 15 minutes
Weekday	10	10	12	30-60	24 hrs/day
Saturday	12	12	12	30-60	24 hrs/day
Sunday	12	12	12	30-60	24 hrs/day

Key:

- Service Increase
- Service Decrease
- No Change

How might my bus be changing?



Faster travel times

- The improved RapidRide A Line will serve Federal Way Downtown Station and Kent/Des Moines Station. There would be no other changes to the path that the bus takes.
- There are no proposed changes to how often the bus comes or when the bus runs.



- Proposed A Line
- - - Link line 1 and station (future)
- - - Link line 1 and station (existing)
- Other routes
- P Permanent Park & Ride

Phase 2 Engagement

Engagement Overview

- Survey
- Flyers
- www.SouthLinkConnections.com
- **Materials available in 15 Languages:** *Amharic, Arabic, Chinese (Simplified and Traditional), Dari, English, French, Korean, Russian, Somali, Spanish, Tagalog, Tigrinya, Ukrainian, and Vietnamese*
- Public outreach at community meetings, events, bus stops and transit centers
- Flyers at bus stops, transit centers, & on buses
- Social media campaign & toolkit
- Community Based Organization (CBO) partner led, culturally-specific outreach



- Mobility Board
- Partner Review Board
- City Council presentations
- Direct engagement with key stakeholders
- Metro-led open houses

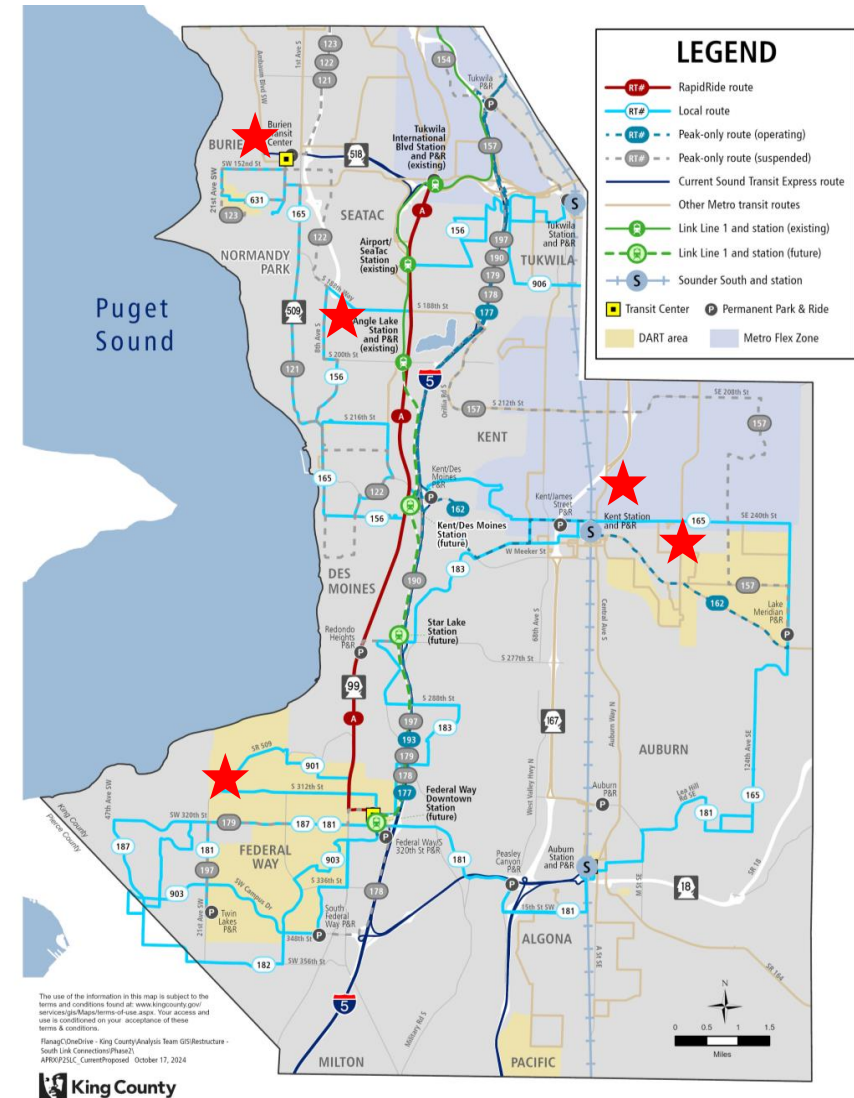
Community-Based Organization Partners

- **CBO Partnerships:**

- Iraqi Community Center of WA
- International Rescue Committee
- United Territories of Pacific Islanders Alliance Washington (UTOPIA WA)
- Federal Way Black Collective
- Alimentando al Pueblo
- Burien Collaborative, and more

- **Goals**

- Inform and amplify ways to gather feedback
- Emphasis on creating and implementing culturally responsive engagement
- Gather feedback from priority populations
- Report findings back to community



How Cities Can Get Involved

- Take the survey by February 28th
- Share the survey, open houses, and information on your social media, in your newsletters, and with constituents. Social media toolkit provided by Metro.
- Support continued participation of city staff in the Partner Review Board
- Reach out to Government Relations with any questions or concerns:
 apleasant-brown@kingcounty.gov
 and gejones@kingcounty.gov



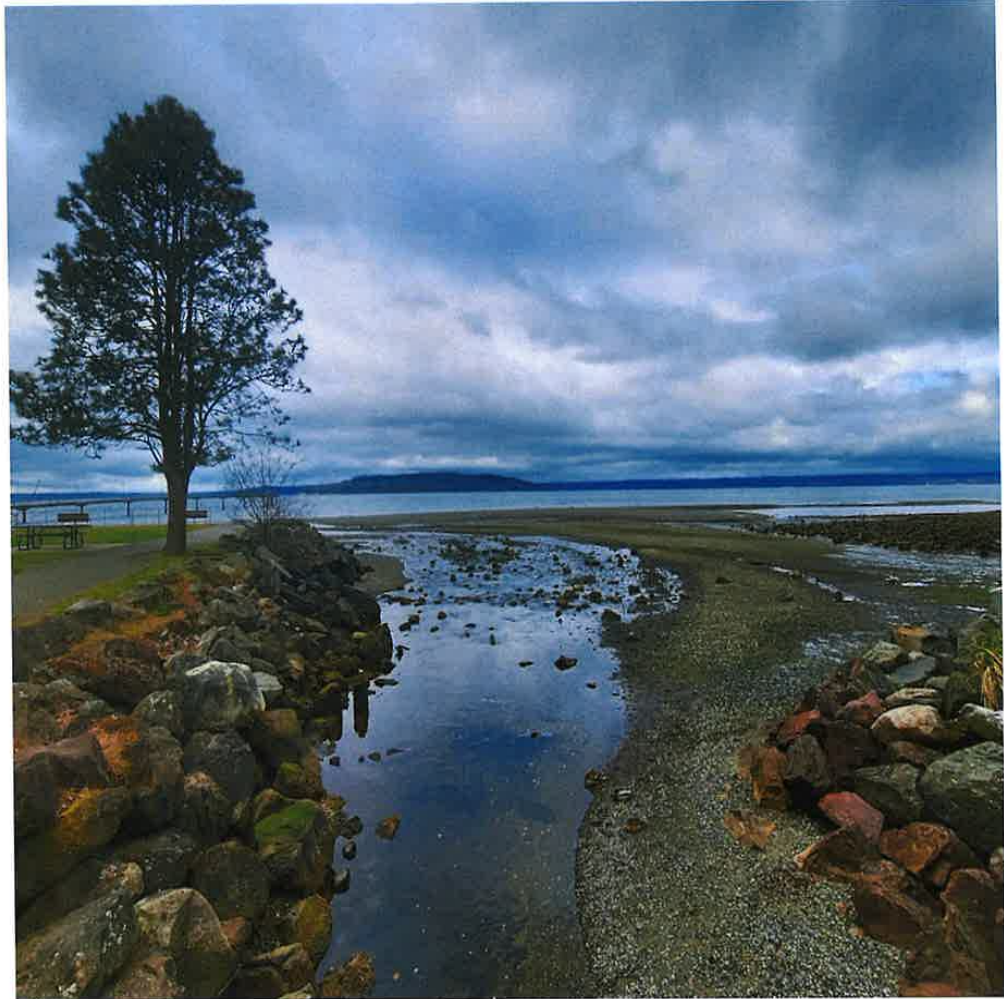
Thank you!
Questions?



DES MOINES CREEK ESTUARY RESTORATION

02/13/2025

Parametrix





3D RENDERING – EXISTING ESTUARY AND BEACH





3D RENDERING – PROPOSED ESTUARY AND BEACH





3D RENDERING – PROPOSED FROM MEADOW AREA



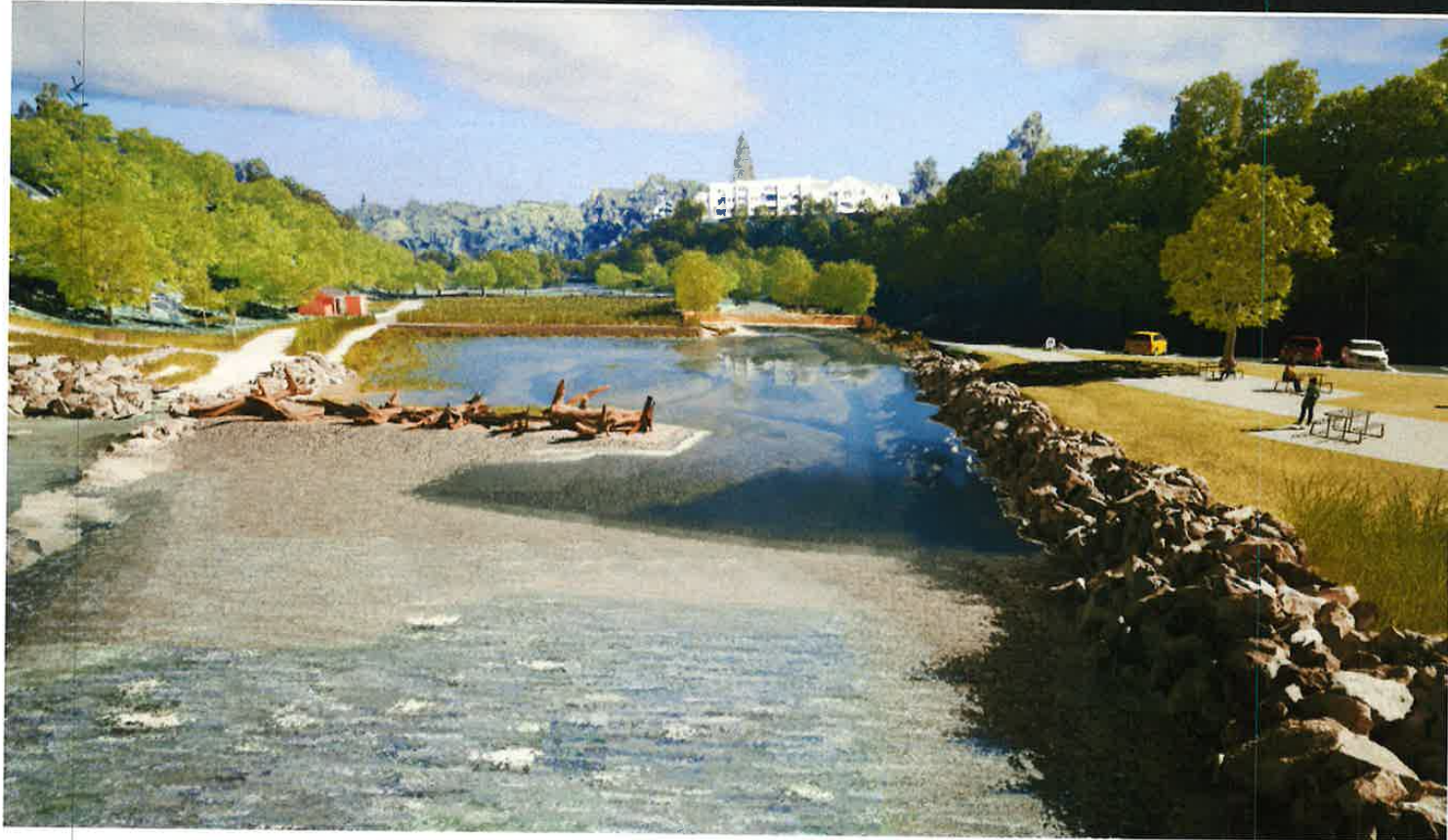


3D RENDERING – PROPOSED ESTUARY (LOW TIDE)





3D RENDERING – PROPOSED ESTUARY (HIGH TIDE)





3D RENDERING - FLY THROUGH VIDEO





MEADOW AREA CHANGE

Areas:

Existing Meadow Area - 37,000 sf

Proposed Meadow Area - 31,000 sf

Lawn Area Connection - 5,000 sf

Change:

Proposed Meadow Area Net Change:
-6,000 sf (-16%)

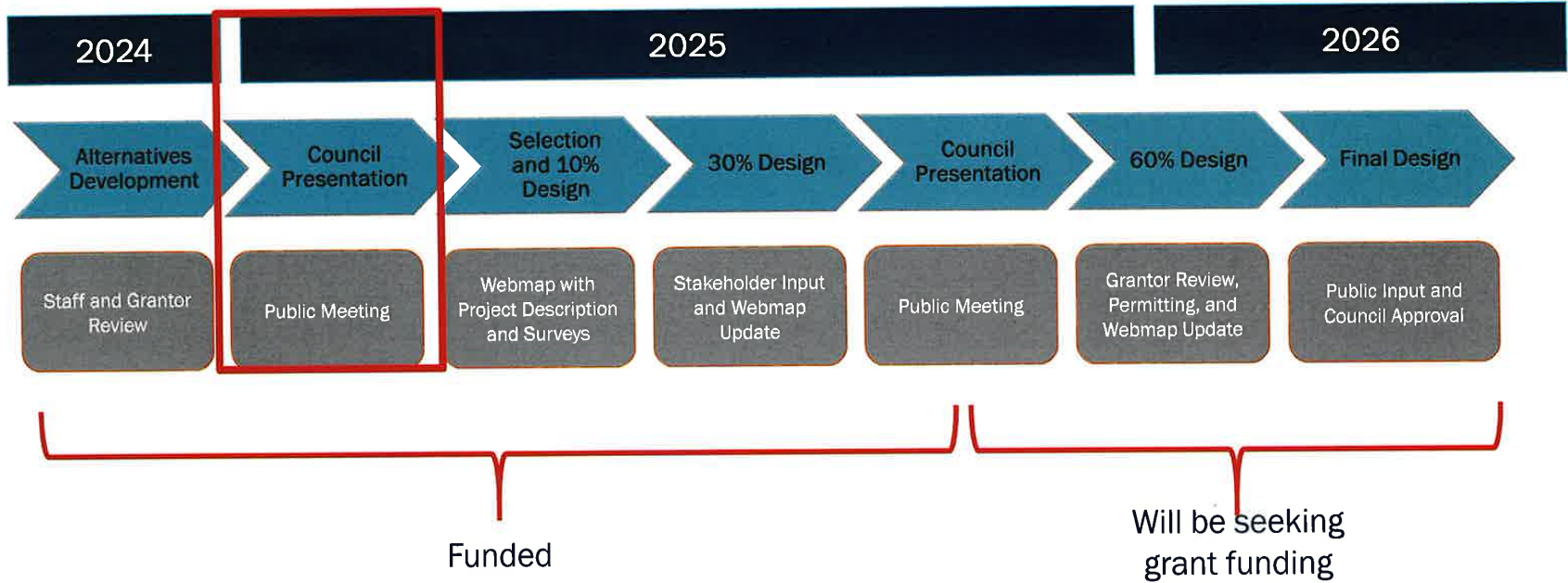
Proposed + Connection Net Change:
-1,000 sf (-3%)



ParametriX



PROJECT TIMELINE AND PUBLIC ENGAGEMENT



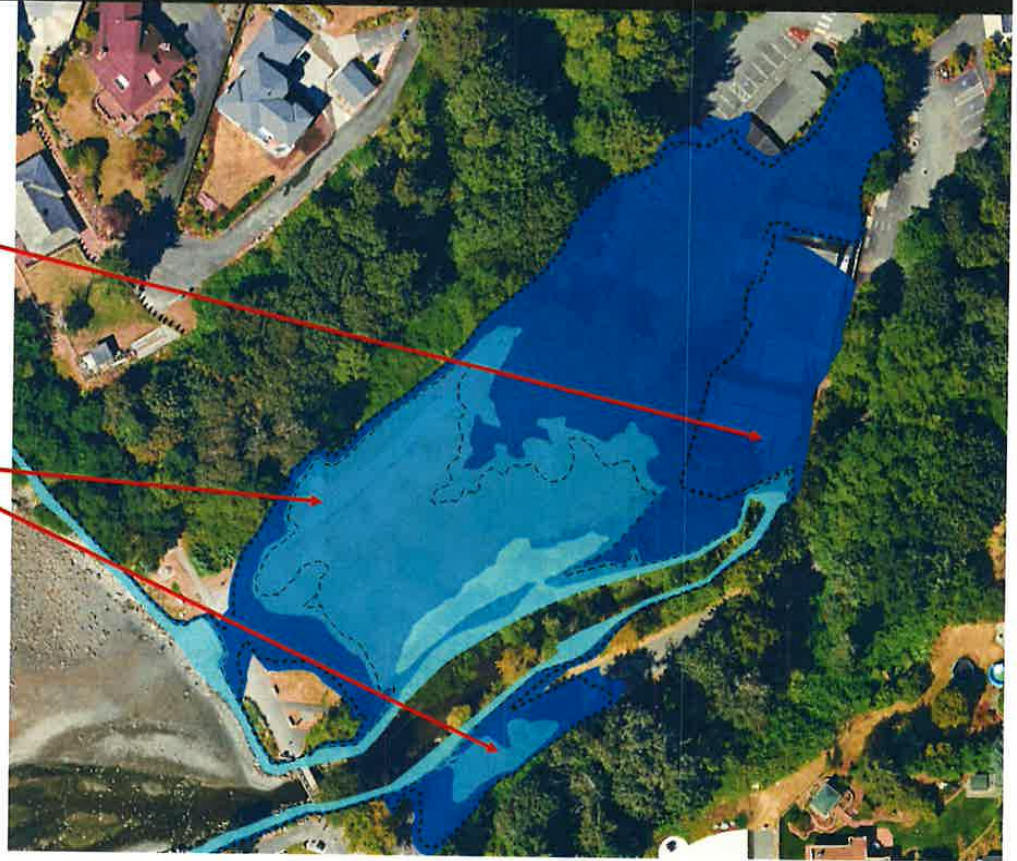
Parametrix



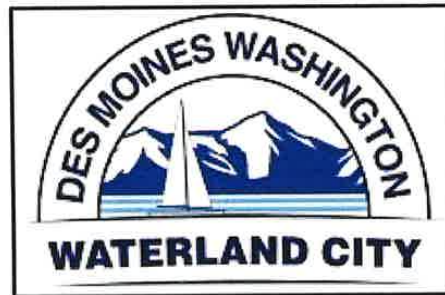
COUNCIL FEEDBACK

Other project considerations based on Council feedback:

- Review proposed meadow elevation with respect to historic building and flood elevations
- Review road elevations with respect to flood elevations



Questions?



SUGGESTED MOTION

Suggested Motion

Motion: “I move to approve the 2024-2025 On-Call General Civil Engineering Services Task Assignment 2024-06 with Parametrix Inc., to provide preliminary engineering and permitting services for the Des Moines Creek Estuary Project in the amount of \$289,816.30 and further authorize the City Manager to sign said Task Assignment substantially in the form as submitted.”



AIRPORT COMMISSION & PLANNING COMMISSION SCHEDULE

CITY COUNCIL UPDATE 2/13/2025



AIRPORT COMMISSION

- Council Meeting (to establish commission composition): March 13th
- Public Advertisement (for public applicants): March-April
- Mayor Interview: April/May
- Council Confirmation: June

PLANNING COMMISSION

- Council Meeting (to discuss Commission composition): July Council Meeting
- Staff preparation of code changes: July – September
- Council review of proposed codes/first reading: early fall
- Public Advertisement (for Commission applicants): September/November
- Mayor Interviews: November/December
- Council Confirmation/second reading & code adoption: December

CITY OF DES MOINES
Voucher Certification Approval
February 13, 2025
Auditing Officer Certification

Voucher transfers audited and certified by the auditing officer as required by RCW 42.24.080, and those expense reimbursement claims certified as required by RCW 42.24.090, have been recorded on a listing, which has been made available to the City Council.

As of **February 13, 2025** the Des Moines City Council, by unanimous vote, does approve for payment those vouchers through January 30, 2025 and payroll transfers through January 22, 2025 included in the attached list and further described as follows:

The vouchers below have been reviewed and certified by individual departments and the City of Des Moines Auditing Officer:



 Jeff Friend, Finance Director

			# From	# To	Amounts
Claims Vouchers:					
EFT's			11306	11389	1,844,997.63
Voided EFT			11284	11284	(375.00)
Wires			2846	2852	494,640.33
AP Checks			166385	166446	924,940.26
Voided AP Checks			165543, 166144		(525.61)
Total Vouchers paid					3,263,677.61
Payroll Vouchers					
Payroll Checks	1/17/2025		19920	19921	413.51
Payroll Advice			12287	12454	562,680.38
Payroll Check Voided	1/22/2025		19908	19908	(3,502.82)
Payroll Check			19922	19922	3,502.82
Total Paychecks & Direct Deposits					563,093.89
Total checks and wires for A/P & Payroll					3,826,771.50

A G E N D A I T E M

BUSINESS OF THE CITY COUNCIL
City of Des Moines, WA

SUBJECT: Black History Month Proclamation

FOR AGENDA OF: February 13, 2025

ATTACHMENTS:
1. Proclamation

DEPT. OF ORIGIN: Administration

DATE SUBMITTED: February 04, 2025

- CLEARANCES:
- City Clerk *JK*
 - Community Development _____
 - Courts _____
 - Director of Marina Redevelopment _____
 - Emergency Management _____
 - Finance _____
 - Human Resources _____
 - Legal _____
 - Marina _____
 - Police _____
 - Parks, Recreation & Senior Services _____
 - Public Works _____

APPROVED BY CITY MANAGER
FOR SUBMITTAL: *Katherine Coffey*

Purpose and Recommendation

The purpose of this item is for the Council to approve a proclamation recognizing February as Black History Month,

Suggested Motion

Motion: "I move to approve the Proclamation recognizing February as Black History Month."

Background

The roots of Black History Month began with African American scholar Carter Woodson. Throughout his academic studies in the early 20th century, Woodson witnessed how Black people were underrepresented in books and scholarship that shaped the study of American history. To respond to this, Woodson and Jesse E. Moorland founded what would become known as the Association for the Study of African Life and History. Woodson famously asserted that “If a race has no history, it has no worthwhile tradition, it becomes a negligible factor in the thought of the world, and it stands in danger of being exterminated.”

In 1926, Woodson and his organization launched “Negro History Week” to highlight the need to teach Black History. They chose the second week of February since it encompassed the birthdays of both Frederick Douglass and Abraham Lincoln.

Throughout the Civil Rights Movement of the 1960’s, the celebration of the week was adopted by many Freedom Schools in the South, and then that week was adopted and expanded into “Black History Month” on college campuses. President Gerald Ford proclaimed Black History Month a national observance in 1976.



City of Des Moines

ADMINISTRATION
21630 11TH AVENUE SOUTH, SUITE A
DES MOINES, WASHINGTON 98198-6398
(206) 878-4595 T.D.D.: (206) 824-8024 FAX: (206) 870-6540

Attachment #1



Proclamation

PREAMBLE

The celebration of Black History Month is a recognition across this country of the experience and events occurring in the lives of African Americans and those whose roots run deep through the African Diaspora.

WHEREAS, Black History Month is celebrated in recognition of achievements and contributions made by African Americans and all people of African descent in the United States; and

WHEREAS, Black History Month affords special opportunity to become more knowledgeable about black heritage, and to honor the many black leaders who have contributed to the progress of our nation; and

WHEREAS, such knowledge can strengthen the insight of all our citizens regarding the issues of human rights, the great strides that have been made in the crusade to eliminate barriers of equality, and the continuing struggle against racial discrimination, injustice and poverty; and

WHEREAS, the City of Des Moines embraces its diversity and acknowledges the invaluable contributions of its African American residents and visitors as we celebrate Black History Month; and

NOW THEREFORE, THE DES MOINES COUNCIL HEREBY PROCLAIMS and recognizes the month of February as **BLACK HISTORY MONTH** and urges our citizens to join together in making this period of rededication to the principles of justice and equality for all people.

SIGNED this day 13th of February, 2025

Traci Buxton, Mayor

A G E N D A I T E M

BUSINESS OF THE CITY COUNCIL
City of Des Moines, WA

SUBJECT: Barnes Creek Trail - South 240th Street
Consultant Contract

FOR AGENDA OF: February 13, 2025

DEPT. OF ORIGIN: Public Works

DATE SUBMITTED: February 3, 2025

ATTACHMENTS:

1. KPG Psomas Inc. Local Agency A&E Professional Services Consultant Agreement Supplement #2
2. Exhibit A Proposed Supplement #2 for Final Design and ROW Services
3. 2025 – 2030 Capital Improvement Budget for

CLEARANCES:

- City Clerk _____
- Community Development _____
- Courts _____
- Director of Marina Redevelopment _____
- Emergency Management _____
- Finance _____
- Human Resources _____
- Legal /s/ TG _____
- Marina _____
- Police _____
- Parks, Recreation & Senior Services _____
- Public Works _____

APPROVED BY CITY MANAGER
FOR SUBMITTAL: _____

Purpose and Recommendation

The purpose of this agenda item is to seek City Council approval for a contract supplement with KPG Psomas (Attachment 1) to provide final design and right-of-way services related to the Barnes Creek Trail South 240th Street – 16th Ave S to 20th Ave S Project. The following motion will appear on the Consent Agenda:

Suggested Motion

Motion: “I move to approve Supplement #2 for KPG Psomas to provide final design and right-of-way services for the Barnes Creek Trail Project in the amount of \$88,516.51 and further authorize the City Manager to sign said contract amendment substantially in the form as submitted.”

Background

The Barnes Creek Trail – South 240th Street Improvements Project is a key infrastructure initiative that connects two critical elements of the City of Des Moines’ long-term transportation plans. It will complete the unfinished South Segment of the Barnes Creek Trail between 16th Ave S and Highline College, as well as Segment 2 of the South 240th Street Corridor Improvements between 16th Ave S and 20th Ave S.

In 2019, the project received funding from the Sound Transit System Access Fund (\$1.9 million) and King County Metro’s Safe Routes to Transit Program (\$120,000.00) to support non-motorized access improvements.

The project was also awarded the 2023-2025 WA State Legislative appropriation in the amount of \$3,500,000.00. This grant was approved by Council on November 16, 2023.

On November 16, 2023, the City Manager was authorized by Council to enter into a consultant agreement with KPG Psomas Inc. to provide engineering design and right-of-way acquisition services for the Barnes Creek Trail.

Discussion

The project design and right-of-way acquisition are nearly complete. To finalize the project and prepare for construction, an amendment is needed to provide additional consultant support. This includes modifying property documents, staking right-of-way and easements, and coordinating with utility providers to resolve conflicts and integrate plans.

Further design refinements will address updates to traffic signals, lighting, and other roadway features to enhance safety and functionality. Additional design work is needed to include a flashing all-way stop at the intersection of 20th Ave South and South 240th Street which will be forward compatible with a future traffic signal when warranted. Additionally, adjustments to curbs, sidewalks, and driveways will be made based on necessary property owner requests encountered during the right-of-way negotiation process.

Lastly, bidding support services will help facilitate a smooth procurement process. This amendment is essential for addressing final project needs, resolving outstanding issues, and ensuring a seamless transition into construction.

Alternatives

The City Council may choose not to approve Supplement #2 for KPG Psomas, which provides final design and right-of-way services for the Barnes Creek Trail – South 240th Street (16th Ave S to 20th Ave S Project). The City lacks sufficient internal resources to complete the project design, which would affect the overall design of the project.

Financial Impact

The City’s adopted CIP Budget Worksheets (Attachment 3) include revenue to achieve full funding for this Supplement.

Recommendation

Staff recommends adoption of the motion.

Council Committee Review



Supplemental Agreement Number _____		Organization and Address	
Original Agreement Number		Phone:	
Project Number	Execution Date	Completion Date	
Project Title	New Maximum Amount Payable		
Description of Work			

The Local Agency of _____ desires to supplement the agreement entered in to with _____ and executed on _____ and identified as Agreement No. _____ All provisions in the basic agreement remain in effect except as expressly modified by this supplement. The changes to the agreement are described as follows:

I

Section 1, SCOPE OF WORK, is hereby changed to read:

II

Section IV, TIME FOR BEGINNING AND COMPLETION, is amended to change the number of calendar days for completion of the work to read: _____

III

Section V, PAYMENT, shall be amended as follows:

as set forth in the attached Exhibit A, and by this reference made a part of this supplement. If you concur with this supplement and agree to the changes as stated above, please sign in the Appropriate spaces below and return to this office for final action.

By: _____ By: _____

[Handwritten Signature]

Consultant Signature

Approving Authority Signature

Date

EXHIBIT A



City of Des Moines
Barnes Creek Trail
South 240th Street – 16th Ave S to 20th Ave S
Supplement #2 Final Design & ROW Services

KPG Psomas
Scope of Work
January 15, 2025

INTRODUCTION

The following supplement scope of work outlines the effort required to complete final design for Barnes Creek Trail and Roadway design on S 240th St from 16th Ave S to 20th Ave S along with additional ROW and survey services. This includes the following additional design, ROW, and survey components:

1. Project Management for extension of contract time through final design.
2. Modifications to parcel legal descriptions and figures.
3. Staking of proposed ROW and permanent easement along property frontages.
4. Franchise utility design including final conflict resolution with PSE Power, Gas, Lumen, and Comcast. This includes cost share and specifications for coordination into the contract plans.
5. Final coordination with KC Metro for bus shelter and bus stop placement requirements.
6. Finalize design and report updates for 20th Ave S Street flashing beacon.
7. Finalize design for loop replacement additional legs of 16th Ave S.
8. Design of structural foundation detail for illumination poles due to low lateral earth pressures reported in Geotech analysis.
9. Modifications to curb, sidewalk, planter strip, and driveway alignment and profiles due to property owner requests during right-of-way negotiations.
10. Bidding Support Services.

The following assumptions were made when preparing the supplement scope and budget:

- Final Design will be completed by end of March 2025.

The following scope of work includes the effort to complete the above-described improvements:

SCOPE OF WORK

Task 1 – Management/Coordination/Administration

This task covers the effort required to manage the contract and to ensure that the project meets the client's expectations for schedule, budget, and quality of product through final design.

- 1.1 Provide project administrative services including:
 - Preparation of monthly progress reports and invoices

EXHIBIT A

- Maintaining project files
- Record keeping and project design contract closeout
- 1.2 Provide project management services including:
 - Project staff management and coordination
 - Subconsultant management and coordination
- 1.3 Design Coordination meetings with City staff:
 - Attend submittal review & coordination meetings with City staff through final design.
- 1.4 Provide QA/QC - No change in Supplement #2

Products:

- Monthly progress report and invoice

Task 2 – Survey and Base Mapping

This task is to provide supplemental survey staking and services to support the final design and right-of-way and easement acquisition services.

- 2.1 Additional survey for staking proposed right-of-way and easement lines in the field at request of property owners and negotiation commitments. There will be two days of field work to complete property owner requests.
- 2.2 Update ROW Plans - No change in Supplement #2
- 2.3 Preparation of 4 additional legal graphic exhibits showing required ROW and easement needs for each affected parcel along with updates to existing graphics and legal descriptions due to changes during right-of-way and easement negotiation requests.
- 2.4 Final Legal Exhibits - No change in Supplement #2

Products:

- Field Staking of proposed right-of-way and easement limits.
- Preparation of Final legal ROW/easement exhibits.

Task 3 – Agency Coordination and Environmental Permitting

This task is to provide coordination with outside agencies through final design. The following coordination is anticipated to final design:

- 3.1 Franchise Utilities: Coordinate with franchise utilities through final design for conflict resolution and Lumen relocation ahead of City Construction. Incorporate franchise utility designs of proposed improvements into plans, specifications. This includes Schedule B franchise bid proposal schedule and Schedule C water main replacement bid proposal schedule. Consultant shall prepare cost share estimate for assistance with City / Franchise Agreement spending allocations.
- 3.2 No change in Supplement #2
- 3.3 No change in Supplement #2

EXHIBIT A



Products:

- Cost Share Estimate - KPG Psomas

Assumptions:

- The City will work directly with Franchise Utilities for Cost Share and signing of agreements.

Task 4 – Technical Reports

No additional scope within Supplement #2.

- 4.1 No change in Supplement #2
- 4.2 No change in Supplement #2
- 4.3 No change in Supplement #2
- 4.4 No change in Supplement #2

Task 5– Final Design

This task is to provide design services to complete final Bid design and prepare associated submittal documents.

- 5.1 60% Submittal - No change in Supplement #2
- 5.2 90% Submittal - No change in Supplement #2
- 5.3 100% Submittal - No change in Supplement #2
- 5.4 Bid Submittal: The Consultant shall address the City and stakeholder 100% comments and update the design and project plans accordingly. The project specifications and cost estimates will be updated using current standards. Additional description for efforts in scope for supplement #2 for final design is included in Introductions.
- 5.5 Structural Design - No change Supplement #2
- 5.6 Added in Supplement #2 - Bidding Support Services: The Consultant shall prepare addenda and response to bidder questions relayed through the City. It is assumed the Consultant will prepare up to two (2) addendums. Consultant shall attend bid opening. The Consultant shall prepare Conformed Documents (to include Project Addenda) for the City to be provided to the Contractor.

Products:

- Bid Plans (11x17 PDFs & CADD files), Specifications (PDF & Word Format) and Cost Estimate (PDF & Excel Format)
- Structural Plan Detail Sheet to include Specialty Deep Foundation Illumination Pole design.
- Prepare responses for up to two (2) bid questions (incl. with Addenda).
- Prepare up to two (2) Addendum Package.
- Conformed Documents: (5) hard copies of half size (11x17), Specifications, and two (2) full-size (22x34) Bid Plans at Request.

Assumptions:

City of Des Moines
S 240th St – 16th Ave S to 20th Ave S
Supplement #2

KPG Project No. 9DES010100
01/15/2025

EXHIBIT A



- Any additional scope added from curb alignment changes or final design revisions requested due to City comment and comment/response to property right-of-way negotiations past the marked date of this Supplement #2 are not included in this scope.

Task 6 – Aerial Utility Coordination

The Consultant shall provide additional design and coordination services for aerial utility undergrounding of the existing distribution system for the portion of the project that is not currently underground.

- 6.1 Coordinate with Puget Sound Energy and Comcast to develop and finalize their design of utility undergrounding around existing underground and City proposed improvements. The Consultant shall assemble standard plans and design provided by each utility for inclusion in the specification appendices. The Consultant will compile plans for undergrounding of overhead utilities lines and include these plans in the final plans.
- The Consultant will be responsible for showing the trench alignment locations on the plans and incorporating specifications and opinions of cost to include the payment of the utility trench excavation and backfill, conduit and vault installation.
 - The Consultant shall prepare joint utility trench details showing number of conduits, conduit locations within the trench, and bedding and backfill requirements. The number of conduits required will be determined by the utility owners.
 - The Consultant will coordinate with each utility company to confirm vault, handhole, and any other structure location within the project limits and that their design is consistent and compatible with the proposed roadway improvements design.
 - The Consultant will coordinate with each utility company to confirm that their design is consistent and compatible with the roadway design. Transmission pole conflicts will be identified for relocation design by PSE.
 - The Consultant will not be responsible for coordinating service connection details with individual property owners; however, the Consultant will summarize the type and number of conversions required within the project limits and include bid item in schedule B franchise utility bid proposal schedule.
 - The Consultant shall incorporate the 100% design utility owner comments into the final distribution aerial utility undergrounding plans which will be included in the Bid Document submittal.

6.2 Property Owner Exhibits - No change Supplement #2.

Products:

- JUT Bid Plans incorporated into Task 5 deliverables. (11x17 PDFs), Specifications (PDF & Word Format) and Cost Estimate (PDF & Excel Format)

EXHIBIT A



Assumptions:

- City will coordinate franchise utility agreements for work to be completed by the franchise utilities and for memorandums of understanding (if required).
- The existing transmission lines will remain aerial.
- Lumen will not join main line utility trench. Their utilities will be relocated out of conflict prior to City project.
- There is probability Aerial Utility Undergrounding Plans may need to be revised depending final ROW acquisition process and any revisions between Final Design and Bid Advertisement duration. Those revisions are not included in this scope.

Task 7 – Public Outreach

- 7.1 Scope has been revised and reallocated. No formal open house was conducted. Consultant services conducted to support one on one property owner discussion.
- 7.2 Scope has been revised and reallocated. Consultant services were conducted to support graphics and discussion with one on one property owner discussion.

Task 8 – Right-of-way Services

- No change Supplement #2.

Management Reserve

Included in this Contract's Management Reserve includes, but is not limited to:

- Preparation of Bid Documents
- Finalize right-of-way and temporary construction easement services and assist with any required condemnation proceedings.
- Public outreach or grant assistance services.
- Construction services, such as design support during construction, construction management, inspection, construction surveying and staking, record drawings, or as-built preparation.
- Other services not included in current scope.

At the time these services are required, the Consultant will provide a detailed scope of work and an estimate of cost. The above activities will require written authorization from City to access management reserve funds. The Consultant shall not proceed with additional work until the City has authorized the work and issued a notice to proceed.

Additional Services

The City may require additional services of the Consultant in order to advance all or portions of the project corridor through right of way and construction. The scope of these services will be determined based on the unanticipated project needs or other considerations at the sole discretion of the City. This work may include

EXHIBIT A



items identified in the current task authorizations as well other items, which may include, but are not necessarily limited to the following:

- Preparation of Bid Documents
- Finalize right-of-way and temporary construction easement services and assist with any condemnation proceedings.
- Public outreach or grant assistance services.
- Construction services, such as design support during construction, construction management, inspection, construction surveying and staking, record drawings, or as-built preparation.
- Other services not included in current scope.

These services will be authorized by the City under management reserve or under a future contract supplement if necessary. At the time these services are required, the Consultant shall provide a detailed scope of work and an estimate of costs. The Consultant shall not proceed with the work until the City has authorized the work and issued a notice to proceed.



**EXHIBIT B-2
PRIME CONSULTANT COST COMPUTATIONS**

Client: City of Des Moines
 Project Name: BCT - 240th Street (16th Ave S to 20th Ave S)
 KPG Psomas Inc. Project Number: 9DES010100-22079
 Date: 1.30.25

Task No.	Task Description	Labor Hour Estimate																									Total Hours and Labor Cost Computations by Task								
		Principal	Engineering Manager I	Engineering Manager II	Asst. Engineering Manager	Senior Engineer I	Senior Engineer II	Project Engineer I	Project Engineer II	Design Engineer I	Design Engineer II	Design Engineer III	Senior Project Manager Survey	Survey Crew I (W/Equip)	Survey Crew II (W/Equip)	Field Surveyor I	Field Surveyor II	Field Surveyor III	Project Surveyor I	Project Surveyor II	Surveyor I	Surveyor II	Surveyor III	Project Landscape Architect I	Project Landscape Architect II	Landscape Designer I	Landscape Designer II	Business Manager	Senior Admin	Office Admin	Office Assistant	Hours	Totals		
		\$103.00	\$76.00	\$91.00	\$75.00	\$67.00	\$71.00	\$58.00	\$64.00	\$46.00	\$48.00	\$53.00	\$89.00	\$74.00	\$94.00	\$36.00	\$47.00	\$53.00	\$55.00	\$60.00	\$33.00	\$45.00	\$50.00	\$54.00	\$58.00	\$36.00	\$40.00	\$61.00	\$48.00	\$38.00	\$34.00				
Task 1 - Management/Coordination/Administration																																			
1.1	Project administrative services					8																									8	21	\$ 1,301.00		
1.2	Project management services					8																										8	15	\$ 949.00	
1.3	Design Coordination Meetings			8																												8	20	\$ 1,400.00	
1.4	QA/QC																															0	0	\$ -	
	Task Total	0	8	0	0	24	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	0	0	56	\$ 3,650.00		
Task 2 - Survey and Base Mapping																																			
2.1	Additional Basemapping																															2	32	\$ 2,542.00	
2.2	ROW Plan Update																															4	0	\$ -	
2.3	Prepare Parcel Exhibits (4 parcels and updates)																															1	9	\$ 569.00	
2.4	Prepare Draft Project Funding Estimate																															5	0	\$ -	
	Task Total	0	0	0	0	2	0	0	0	0	0	5	0	18	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	41	\$ 3,111.00		
Task 3 - Agency Coordination and Environmental Permitting																																			
3.1	Utility Coordination																															24	60	\$ 3,720.00	
3.2	WA State Local Programs Coordination																															24	0	\$ -	
3.3	Environmental Permitting																															12	0	\$ -	
	Task Total	0	0	0	0	24	0	0	24	0	12	0	0	0	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	60	\$ 3,720.00		
Task 4 - Technical Reports																																			
4.1	Draft and Final Surface Water TIR																															0	0	\$ -	
4.2	Draft and Final Illumination Design Report																															0	0	\$ -	
4.3	Final Geotechnical Report																															0	0	\$ -	
4.4	Final Design Memo																															0	0	\$ -	
	Task Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -		
Task 5 - Final Design																																			
5.1	60% Submittal																															0	0	\$ -	
5.2	90% Submittal																															0	0	\$ -	
5.3	100% Submittal																															0	0	\$ -	
5.4	Bid Submittal																															8	288	\$ 16,548.00	
5.5	Structural Design assistance																															40	0	\$ -	
5.6	Bidding Support Services																															2	30	\$ 1,730.00	
	Task Total	0	8	0	0	40	0	48	64	0	32	60	0	0	0	0	0	0	0	0	0	0	0	16	0	0	20	0	0	0	0	288	\$ 16,548.00		
Task 6 - Aerial Utility Undergrounding																																			
6.1	60% Undergrounding Plans and Cost Estimate																															0	0	\$ -	
6.1	90% Undergrounding Plans, Specs and Cost Estimate																															0	0	\$ -	
6.1	100% Undergrounding Plans, Specs and Cost Estimate																															0	0	\$ -	
6.1	Bid Undergrounding Plans, Specs and Cost Estimate																															8	32	\$ 2,072.00	
6.2	Property Owner Exhibits																															0	0	\$ -	
	Task Total	0	0	0	0	8	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	\$ 2,072.00		
Task 7 - Public Outreach																																			
7.1	Attend Open Houses (assumes 1 meeting)																															0	0	\$ -	
7.2	Prepare and Update Graphics for Public Outreach																																0	0	\$ -
	Task Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -		
	Total Labor Hours and Fee	0	16	0	0	98	0	48	128	0	44	60	5	0	18	0	0	0	8	0	8	0	16	0	0	20	2	6	0	0	0	477	\$ 29,101.00		
																									ICR Overhead @ 174.17% = \$		50,685.21								
																									Fixed Fee @ 30% = \$		8,730.30								
																									Total KPG Psomas (DL + OH + Fixed Fee) = \$		88,516.51								
Subconsultants																																			
																									Subtotal \$		-								
																									Total Subconsultant Expense \$		-								
Reimbursable Direct Non-Salary Costs																																			
																									Mileage at current IRS rate										
																									Reproduction Allowance										
																									Total Reimbursable Expense \$		-								
																									Management Reserve										
																									Total Estimated Budget \$		88,516.51								

**CITY OF DES MOINES
2025-2030 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Barnes Creek Trail	Project #	TRCIP0008
	Previous Project #	319.345

CIP Category: Transportation - Capital Projects

Managing Department: Plan, Build & PW Admin

<i>Summary Project Description:</i>
Widen S. 240th Street roadway to three lanes at the intersections of 16th Ave and 20th Ave S. and provide a multi-use trail on the north side (Barnes Creek Trail), bike lane on the south side, transit stops, curb, gutter, and planter strips where feasible. Trail will provide connectivity between the Barnes Creek Trail on 16th Ave S. and Highline College.

Justification/Benefits: The need for pedestrian and bicycle facilities along S. 240th St. and continuation of the Barnes Creek Trail is identified in the City's Comprehensive Transportation Plan and the Six Year Transportation Improvement Plan. S. 240th St. has residential properties and Highline College that generate pedestrian and bicycle traffic along the shoulder of the road. Pedestrians use this route to access bus stops, Highline College, and the Pacific Highway corridor. The Barnes Creek Trail multi-use path will ultimately connect Highline College to South 216th St. via S. 240th St, 16th Ave S., and adjacent historic SR509 right-of-way between Kent Des Moines Rd., and S. 216th St.

<i>PROJECT SCOPE</i>			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	1,711	-	1,711
Land & Right of Way	243	-	243
Construction	5,450	290	5,740
Contingency	268	252	520
Total Expenditures	7,672	542	8,214

<i>ANNUAL ALLOCATION</i>							
<i>Project to Date 12/31/23</i>	<i>Scheduled Year 2024</i>	<i>Plan Year 2025</i>	<i>Plan Year 2026</i>	<i>Plan Year 2027</i>	<i>Plan Year 2028</i>	<i>Plan Year 2029</i>	<i>Plan Year 2030</i>
1,182	479	50	-	-	-	-	-
-	200	43	-	-	-	-	-
540	-	4,900	300	-	-	-	-
-	-	490	30	-	-	-	-
1,722	679	5,483	330	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
King County Parks Levy	288	-	288
Transportation CIP Fund	69	-	69
Traffic Impact Fees - City Wide	190	-	190
REET 1	848	50	898
Private Contributions	35	-	35
Arterial Pavement Fund	-	492	492
Federal Grants CMAQ-FHWA (Secured)	379	-	379
King County Conservation Grant (Secured)	45	-	45
Sound Transit System Access Grant (Secured)	1,900	-	1,900
King County Metro (Secured)	118	-	118
TIB Grant (Secured)	300	-	300
WA State Appropriation (Secured)	3,500	-	3,500
Total Funding	7,672	542	8,214
Funding Shortfall/Excess	-	-	-

<i>Project to Date 12/31/23</i>	<i>Scheduled Year 2024</i>	<i>Plan Year 2025</i>	<i>Plan Year 2026</i>	<i>Plan Year 2027</i>	<i>Plan Year 2028</i>	<i>Plan Year 2029</i>	<i>Plan Year 2030</i>
288	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-
-	50	140	-	-	-	-	-
490	200	158	50	-	-	-	-
35	-	-	-	-	-	-	-
-	-	492	-	-	-	-	-
379	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-
-	-	1,620	280	-	-	-	-
118	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-
-	432	3,068	-	-	-	-	-
1,724	682	5,478	330	-	-	-	-

<i>OPERATING IMPACT</i>			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

<i>ANNUAL OPERATING IMPACT</i>							
<i>12/31/23</i>	<i>2024</i>	<i>2025</i>	<i>2026</i>	<i>2027</i>	<i>2028</i>	<i>2029</i>	<i>2030</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

AGENDA ITEM

BUSINESS OF THE CITY COUNCIL
City of Des Moines, WA

SUBJECT: Senior Center Roof Contract
Amendment

AGENDA OF: February 13, 2025

DEPT. OF ORIGIN: Public Works

ATTACHMENTS:

DATE SUBMITTED: February 4, 2025

- 1. Change Order 1

- CLEARANCES:
- City Clerk _____
 - Community Development _____
 - Courts _____
 - Director of Marina Redevelopment _____
 - Emergency Management _____
 - Finance *MLR*
 - Human Resources _____
 - Legal */s/TG*
 - Marina _____
 - Police _____
 - Parks, Recreation & Senior Services _____
 - Public Works *WPS*

APPROVED BY CITY MANAGER
FOR SUBMITTAL: *Katherine Coffey*

Purpose and Recommendation:

The purpose of this Agenda Item is to seek City Council approval of Change Order 1 (Attachment 1) to the Public Works Contract with Allied Roofing Installation Services LLC, for the 2024 Senior Activity Center Upper Roof Replacement. The following motion will appear on the Consent Agenda:

Suggested Motion

Motion: “I move to approve Change Order 1 to the Public Works Contract with Allied Roofing Installation Services LLC for the 2024 Senior Activity Center Upper Roof Replacement in the amount of \$24,795.00, authorize a project construction contingency in the amount of \$2,479.50, and further authorize the City Manager to sign said Change Order substantially in the form as submitted.”

Background

The City applied for a Department of Commerce Solar Grant opportunity in the Spring of 2024. The City was awarded, and accepted the grant in December 2024, the grant funds must be expended by July 1st 2025.

The grant will cover the cost of solar panel installation on the roof of the Senior Activity Center, and the tie-in to the existing electrical system. The grant will not cover the costs associated with the upper roof replacement.

During the bidding process it was assumed that roof loading would support the solar panel assemblies. Due to tight time constraints with the state grant the roofing bid was solicited prior to the solar panel contractor.

Discussion

During the solar panel pre-construction meeting that was held on January 16, 2025, it became apparent that the approved new roof cross-section would not adequately support solar panel installation. The proposed Change Order will add sufficient structural elements under the new roof membrane to properly support solar panel installation. These costs would have been included in the original roof replacement bid had the parameters of the solar panel requirements had been known at the time.

Alternatives

None.

Financial Impact

There are sufficient funds in the Fund 506 fund balance to cover this additional work.

Recommendation

Staff recommends approval of the suggested motion.

Council Committee Review

Not Applicable



Change Order

Date: 1/29/2025

Page 1 of 1 Pages

Contract Title: 2024 Senior Activity Center Upper Roof Replacement

Change Order Number: 1

Prime Contractor: Allied Roofing Installation Services LLC

Requested by Project Manager under the terms of Section 1-04.4 of the Standard Specifications

Change proposed by Contractor

Brief Description of Requested Change:

This change order will cover the cost of additional materials and labor necessary to install structural elements under the new roof membrane to properly support solar panel installation.

Justification of Cost:

The additional material was necessary to properly support solar panel installation.

All work, materials, equipment, and measurements shall be in accordance with the current contract provisions and with the provisions of the Standard Specifications and Special Provisions for the type of construction involved unless stated otherwise in this document.

Original Contract Sum: \$71,630.00

Net Change by Previously Authorized Change Orders: \$0.00

Contract Sum Prior to this Change Order: \$71,630.00

Contract Sum will be Increased by this Change Order in the amount of: \$24,795.00

New Contract Sum Inclusive of this Change Order will be: \$96,425.00

Original Contract Time: 15 Working Days

Net Change to Contract Time by Previously Authorized Change Orders: 0 Working Days

Contract Time will be Increased by: 3 Working Days

New Contract Time will be: 18 Working Days

NOTE: This CO includes applicable sales tax.

<input checked="" type="checkbox"/> Approval Requested	<input type="checkbox"/> Approval Granted
Contractor	City Manager
Date	Date

At the direction of the Des Moines
City Council taken at an open
Public meeting on _____.

ESTIMATE

Allied Roofing Installation
Services LLC ALLIERI810PP
190 S 312th St.
Federal Way, WA 98003

office@alliedrgllc.com
+1 (253) 277-7822



Bill to
Scott Romano
Senior Center
2045 S 216th St
Des Moines, WA 98198 USA

Estimate details

Estimate no.: 2711
Estimate date: 01/16/2025

#	Date	Product or service	Description	Qty	Rate	Amount
1.		Synthetic Underlayment	Install Synthetic underlayment on top of the tounge and groove	1	\$3,000.00	\$3,000.00
2.		Dens Deck	Install dens deck glass on top of the rigid insulation board	1	\$16,000.00	\$16,000.00
3.		Fascia	Paint Fascia board	1	\$3,500.00	\$3,500.00
					Subtotal	\$22,500.00
					Sales tax	\$2,295.00
					Total	\$24,795.00

Accepted date

Accepted by

A G E N D A I T E M

BUSINESS OF THE CITY COUNCIL
City of Des Moines, WA

SUBJECT: Field House Playground Equipment
Upgrade Project Agreement

FOR AGENDA OF: February 13, 2025

DEPT. OF ORIGIN: Public Works

ATTACHMENTS:

1. Pertect Inc. 2022-2023 On-Call General Civil Engineering Services, Task Assignment 2022-03 Supplement 5

DATE SUBMITTED: February 4, 2025

CLEARANCES:

- City Clerk _____
- Community Development _____
- Courts _____
- Director of Marina Redevelopment _____
- Emergency Management _____
- Finance *[Signature]*
- Human Resources _____
- Legal */s/TG*
- Marina _____
- Police _____
- Parks, Recreation & Senior Services *[Signature]*
- Public Works *[Signature]*

APPROVED BY CITY MANAGER

FOR SUBMITTAL: *Katherine Coffey*

Purpose and Recommendation

The purpose of this agenda item is to seek City Council approval for a 2022-2023 On-Call General Civil Engineering Services Task Assignment 2022-03 Supplement 5 with Pertect Inc. (Attachment 1) to provide additional Construction Administration Services. The following motion will appear on the consent calendar:

Suggested Motion

Motion: "I move to approve the 2022-2023 On-Call General Civil Engineering Services Task Assignment 2022-03 Supplement 5 with Pertect Inc. for the Field House Playground Equipment Upgrade Project in the amount of \$7,231.00 for Construction Administration Services, and further authorize the City Manager to sign said Agreement substantially in the form as submitted."

Background

The previous play equipment at the Field House was removed in its entirety, and replaced with new equipment and a new hill slide to the west. The South 219th Street entry adjacent to the skate park received treatment to remove the tree root trip hazards. As part of this project, the contractor installed a new drinking fountain at the Southwest corner of the play area, along with a new bench within the play area at the Northeast corner. This project also resolved current drainage issues within the existing play area by adding new conveyance from the play area to the bottom of the existing hill.

Construction is complete, and all safety inspections have been conducted and passed. The main play area is open for use. Staff has kept the hill slide closed until additional safety features are designed and installed.

Discussion

Engineering consultants are needed to perform additional design, permitting, and Construction Administration of the Project. These services are proposed to be provided by Perteet Inc. (Attachment 1).

Alternatives

None.

Financial Impact

There are sufficient Park Levy funds to cover this additional work.

Recommendation

Staff recommends approval of the suggested motion.

Council Committee Review

Not Applicable



FORMAL TASK ASSIGNMENT DOCUMENT

Task Number Pertect 2022-03
TA3 - Supplement 5

The general provisions and clauses of Agreement 2022-23 On-call Civil Engineering Services
Shall be in full force and effect for this Task Assignment.

Location of Project: Field House Park located in the City of Des Moines, WA

Project Title: Field House Park - Hill Slide Additions Supplement

Maximum Amount Payable Per Task Assignment: \$7,231

Completion Date: June 30, 2025

Description of Work: See attached Exhibit "A", Scope of Services

Agency Project Manager Signature: _____ Date: _____

Oral Authorization Date: _____ See Attachment Dated: _____

Consultant Signature:  Date: 1/2/2025

Agency Approving Authority: _____ Date: _____

EXHIBIT A
SUPPLEMENT #5 - SCOPE OF SERVICES
City of Des Moines
2022-2024 On Call Contract

Field House Playground Equipment Upgrade Project

INTRODUCTION

Under the City of Des Moines Field House Playground Equipment Upgrade Project, the City has requested the Consultant provide extra services which were not provided in the original Consultant's Agreement. The Consultant will provide professional engineering services as detailed herein.

Extra services include additional design support during construction.

Consultant's services will be limited to those expressly set forth herein. If the service is not specifically identified herein, it is expressly excluded. Consultant will have no other obligations, duties, or responsibilities associated with the project except as expressly provided in this Agreement.

Transferring Budget within Contract Maximum: The level of effort is specified in the scope of services. The budget may be transferred between discipline tasks at the discretion of the Consultant, provided that the total contracted amount is not exceeded. The Consultant will have the flexibility to manage budget within a given discipline on a subtask level.

Services provided by the Consultant will consist of:

GENERAL SCOPE OF SERVICES

This scope of service provides extra services requested by the City. The following major tasks will be included and supplemented to the original Scope of Services and completed by the Consultant:

(The task numbers below correspond to the original Scope of Services.)

- Task 1 – Project Management and Coordination (supplemented)
- Task 2 – Conceptual Design (completed)
- Task 3 – PS&E Preparation (completed)
- Task 4 – Bid and Construction Assistance (completed)
- Task 5 – Hill Slide Additions (new)

Optional Services

With prior written approval by the City and written notice-to-proceed, work elements described in this scope of services as optional services (as directed) may be produced by the Consultant.

This Scope of Services is defined in the tasks below.

SCOPE OF SERVICES DEFINED

Task 1 – Project Management and Coordination

The assumed additional duration for the work defined in this supplemental scope of services is three (3) months. Consultant will provide additional project management services related to this project.

Assumptions:

- The contract duration shall be extended to the end of June 2025.

Deliverables:

- Progress report and invoices to the end of June 2025.

Task 5 – Hill Slide Additions

5.1 Hill Slide Modifications Plan Revisions

The City has requested to add features to the completed hill slide as follows:

- 1) Climbing foot and hand holds on a sloped portion of the rubberized surfacing.
- 2) Rope or similar feature on the other sloped portion of the rubberized surfacing.
- 3) Features on both sides of the slide entry at the top of the slope to help warn users of the slope, to include additional posts, ropes or horizontal bars.

The following revised drawings will be provided for permitting and construction. The plan sheet of LSI.1 will be revised to locate proposed features. Detail sheets LSI.2 and LSI.3 will be revised to include the required details for the proposed features.

Assumptions:

- The City will submit all required permits using the revised drawings provided by the Consultant.
- The City will procure a Contractor for installation of proposed features.
- The Consultant (1 person) will attend two (2) meetings on site.
- No specifications will be provided, required elements will be shown on the revised Plans.
- No cost estimates will be provided by the Consultant, the playground manufacturer will provide estimates for all materials and installation.
- The budget assigned for this work element will be limited to the amount designated for this work element.

Deliverables:

- Revised sheets LSI.1, LSI.2 and LSI.3.

Additional (Optional) Services

The Consultant may provide additional services as directed by the City which are not identified in this Scope of Services. Additional services shall not commence without written authorization and approval from the City and a supplement to the contract.

Services Not Included in this Scope of Services

1. Survey
2. Geotechnical analysis
3. Public Engagement
4. Grading plans
5. MEF Documentation
6. Stormwater analysis and Technical Information Report
7. Water Quality Treatment and Flow Control Calculations
8. Utility design
9. Illumination design
10. Irrigation and planting design
11. SEPA Checklist
12. Construction phasing
13. Cultural Resources
14. Traffic control or pedestrian control plans
15. Grant assistance

Items to be furnished by the City**Information Provided by Others:**

The Client shall furnish, at the Client's expense, all information, requirements, reports, data, surveys and instructions required by this Agreement. The Consultant may use such information, requirements, reports, data, surveys, and instructions in performing its services and is entitled to rely upon the accuracy and completeness thereof. Further, the Client agrees that the Consultant shall have no responsibility for any portion of the Project designed by other consultants engaged by the Client.

The City shall furnish the following:

1. All available "As-Built" information.

Design Criteria

As of the date this Agreement is signed, design file, reports, documents, and plans prepared as part of this Scope of Services, to the extent feasible, will be developed in accordance with the latest edition and amendments to the following documents:

1. Standard Specifications for Road, Bridge, and Municipal Construction, 2022 English Edition, published by WSDOT and the Washington State Chapter APWA
2. Standard Plans for Road, Bridge, and Municipal Construction, (M 21-10), published by WSDOT
3. The Revised Draft Guidelines for Accessible Public Rights-of-Way (PROWAG), November 23, 2005 (2005 PROWAG), as determined by WSDOT
4. City of Des Moines Standard Plans and Policies
5. Department of Ecology (Ecology) "Stormwater Management Manual for Western Washington" may be used as guidance only.
6. ASTM F1487-11 – Standard Consumer Safety Commission Handbook for Public Playground Equipment

for Public Use.

7. The Consumer Product Safety Commission Handbook for Public Playground Safety.
8. "ADA Accessibility Guidelines for Play Areas" as published by the US Access Board.
9. ASTM F1292 – Standard Specification for Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment.
10. ASTM F2223 – Standards on Playground Surfacing.
11. ASTM F1951-08 – Accessibility of Surface Systems Under and Around Playground Equipment.
12. ASTM F2075-04 – Standards for Engineered Wood Fiber (as applicable).

Changes in any design standards or requirements after services have begun may result in extra work and require a supplement to the Agreement.



Exhibit D

Consultant Fee Determination Summary

2707 Colby Avenue, Suite 900, Everett, WA 98201 P 425-252-7700 F 425-339-6018

Project: Des Moines Field House Playground
Client: Des Moines
Consultant: Perteet
Perteet Project No. 20210230.0003
Date: 1/2/2025

HOURLY COSTS

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Director	8	\$225.00	\$1,800.00
Accountant	4	\$105.00	\$420.00
Labor Total	12		\$2,220.00

SUBCONSULTANTS

<u>Subconsultants</u>	<u>Amount</u>
HBB	\$5,011
Total Subconsultants	\$5,011

CONTRACT TOTAL **\$7,231**

Rates shown reflect the typical compensation rate of employees assigned to the billing category listed. Each category may have multiple employees assigned to that billing category and each employee may have a different hourly rate of pay. Employee compensation is subject to adjustment in June of each calendar year.

Project: Field House Park Playground - Supplement #5 Hill Slide
Client: City of Des Moines
Firm: HBB Landscape Architecture
Date: 12/9/2024

Scope of Work	Principal	PM / LA	Design	Comp./ Tech	Contracts Admin	TASK SUBTOTAL
	\$236.40	\$ 197.00	\$ 144.47	\$ 105.07	\$ 110.32	

Task 5.1 Hill Slide Additions	2	8	8	16	0	\$4,885.68
5.1 Revise three (3) sheets	2	8	8	16		

Total Hours	2	8	8	16	0	
Total Cost	\$472.80	\$1,576.00	\$1,155.76	\$1,681.12	\$0.00	\$4,885.68

Reimbursable Expenses \$ 125.00

TOTAL COST OF SERVICES \$ 5,010.68

AGENDA ITEM

BUSINESS OF THE CITY COUNCIL
City of Des Moines, WA

SUBJECT: Des Moines Creek Estuary Project,
On-Call General Engineering Services
Task Assignment-with Parametrix

AGENDA OF: February 13, 2025

DEPT. OF ORIGIN: Public Works

DATE SUBMITTED: February 3, 2025

ATTACHMENTS:

- 1. Parametrix 2024-2025 On-Call General Civil Engineering Services, Task Assignment 2024-06

CLEARANCES:

- City Clerk _____
- Community Development _____
- Courts _____
- Director of Marina Redevelopment _____
- Emergency Management _____
- Finance *MS*
- Human Resources _____
- Legal */s/TG*
- Marina _____
- Police _____
- Parks, Recreation & Senior Services _____
- Public Works *WPS*

APPROVED BY CITY MANAGER
FOR SUBMITTAL: _____

Purpose and Recommendation

The purpose of this agenda item is to seek City Council approval of the 2024-2025 On-Call General Civil Engineering Services Task Assignment 2024-06 (Attachment 1) with Parametrix Inc., to provide continued preliminary engineering and permitting services on the Des Moines Creek Estuary Project. The following motion will appear on the agenda:

Suggested Motion

Motion: "I move to approve the 2024-2025 On-Call General Civil Engineering Services Task Assignment 2024-06 with Parametrix Inc., to provide preliminary engineering and permitting services for the Des Moines Creek Estuary Project in the amount of \$289,816.30 and further authorize the City Manager to sign said Task Assignment substantially in the form as submitted."

Background

The Des Moines Creek drainage basin is home to coho salmon, chum salmon, steelhead, and cutthroat trout which have been historically identified in the lower reaches of Des Moines Creek. The basin covers 5.8 square miles and the creek itself is 3.5 miles long and flows from an elevation of about 350 feet to where it meets Puget Sound at Des Moines Beach Park. The upper watershed is heavily urbanized and includes a mix of residential and commercial land as well as a portion of the Seattle-Tacoma International Airport. The lower reaches of the creek around Des Moines Beach Park provide some of the most heavily utilized fish habitat within the watershed, due primarily to its vicinity and accessibility to Puget Sound.

The Green/Duwamish and Central Puget Sound Watershed's (WRIA 9) Salmon Habitat Plan identifies the Des Moines Creek Estuary Project as a salmon-recovery capital project that is in alignment with regional Chinook salmon recovery goals. Project goals within the estuary include restoring and securing access to the stream, creating safe fish passage, removing rock armoring from the stream bank, and creating a pocket estuary.

The Des Moines Creek Estuary's initial scoping considerations include improving riparian vegetation, removing approximately 500 feet of hard armoring and fill, increasing nearshore habitat, and creating a pocket estuary at the stream mouth. Another goal of this project is to address flooding impacts to the Des Moines Creek Beach Park. Due to sediment transport deposition and narrow hard armoring, Des Moines Beach Park has been subject to historical flooding. The project will identify potential improvements to address flooding impacts to Des Moines Beach Park while bolstering both shoreline and estuary habitat.

The City applied for a King County Flood Reduction Grant in the summer of 2022 and the Des Moines Creek Estuary Project was awarded grant funding in the amount of \$250,000. The Agreement for Award of Flood Reduction Grant Funds was approved by the City Council at its April 13, 2023 meeting. This grant funding was awarded to support the project through the first phase of site assessment and 10% preliminary engineering design. These grant funds have been expended in the efforts to complete the initial site assessment and reach the alternatives analysis phase.

With the support of WRIA 9, the City also applied for the Cooperative Watershed Management (CWM) Grant opportunity in the Spring of 2023. The King County Flood Control District voted unanimously to award the project for the requested amount of \$250,000. The Agreement for Award of CWM Grant Funds was approved by the City Council at its December 14, 2023 meeting.

Discussion

The proposed task assignment with Parametrix initiates the second phase of the project which entails completing 10% preliminary engineering design, initial cultural resource support, public outreach support, permit identification, and 30% intermediate design for improvements to the shoreline, estuary habitat and public access near the mouth of Des Moines Creek. Although the specific details of improvements would be identified as a part of this project, potential proposed elements may include hard armoring replacement with soft armoring, streambed modifications, riparian zone planting, and bulkhead modifications. Park and urban design improvements will also be considered as the restoration improvements may affect existing park features. This could include modifications or improvements to the park entrance, pedestrian walkways, recreational amenities, and/or informational signs/station.

Alternatives

The City Council could elect not to approve the 2024-2025 On-Call General Civil Engineering Services Task Assignment 2024-06 with Parametrix Inc. for preliminary engineering and permitting services. The City does not have adequate resources to complete the preliminary project engineering and permitting internally. This would cause project delays as well as jeopardize current and future King County Flood Reduction Grant and CWM Grant funding opportunities.

Financial Impact

The City's CIP Budget includes revenues to achieve full project funding for this Consultant Services Contract. This grant will cover the first \$250k spent on the Consultant Services Contract. The Surface Water Utility Fund will cover the remaining balance to complete intermediate 30% design.

Recommendation

Staff recommends adoption of the motion.

Council Committee Review

Council Environment Committee has been routinely updated on the status and progress of this project.

Formal Task Assignment Document

Task Number TA 2024-06

The general provisions and clauses of Agreement On-Call Svcs. shall be in full force and effect for this Task Assignment

Location of Project: Des Moines, WA

Project Title: Des Moines Creek Estuary Restoration Phase 2

Maximum Amount Payable Per Task Assignment: \$289,816.30

Completion Date: December 31, 2025

Description of Work:
(Note attachments and give brief description)

Agency Project Manager Signature: _____ Date: _____

Oral Authorization Date: _____ See Letter Dated: _____

Consultant Signature: _____ Date: _____

Agency Approving Authority: _____ Date: _____

**City of Des Moines
Des Moines Creek Estuary Restoration
Phase 2: Alternative Analysis through 30 Percent Design**

Introduction

The City of Des Moines (City) has requested that Parametrix assist the City with a site investigation, the development, and the evaluation of alternative estuary restoration concepts at the mouth of Des Moines Creek. The goal for this project would be to enhance the natural character of the creek and shoreline.

The Phase 1 scope of services included a site analysis of existing conditions, and development of a suite of concepts for the beach, shoreline, park, and stream restoration. These concepts were screened and presented to City staff for review and feedback. Phase 2 will advance the Phase 1 concepts to 10 percent design level, provide additional stakeholder review, select preferred alternatives, and begin development of 30 percent design for the preferred alternative, including an opinion of cost for the selected alternatives. As part of the alternative development, topographic survey mapping, hydrologic modeling, and site programming alternatives will be prepared. A process to include public input will be prepared and implemented and Parametrix will also work with our teaming partners to begin preliminary supporting documentation that will be needed for future phases of work including cultural resources support, coastal engineering support, and environmental permit identification.

Future Phase 3 work, which would be included under an amended or subsequent work order, may include geotechnical investigations; the preparation of Washington State Environmental Policy Act (SEPA) and/or National Environmental Policy Act (NEPA) environmental documents; federal, state, and local permit applications and associated submittals; additional public outreach; park features and alternatives; site-specific cultural resource assessments; hydraulic modeling; sediment transport modeling; and intermediate design.

Task 01 – Task Management

Subtask 0101 – Task Management

Objectives

The objective of this task is to provide overall project management of the consultant contract with the City.

Approach

This task includes general management functions that include the following:

- Project Planning – Document and communicate the scope of work, budget, and schedule as a road map for the project team. Coordinate project team and issues throughout the project.
- Budget and Schedule Tracking – Track the project budget using Parametrix in-house tools to verify that progress is keeping pace with spending.

- Bi-weekly design team meetings with an issues list to document project design decisions.
- Monthly Progress Reports – Prepare a monthly invoice for services performed by Parametrix.
- Correspondence – Prepare written correspondence as needed to document project management issues and/or concerns.

Deliverables

Deliverables for this task include:

- Miscellaneous correspondence to document project management issues.
- Monthly progress reports enclosed with invoices.
- Coordination with subconsultants.

Assumptions

Assumptions for this task include:

- Project duration is 24 months (through 12/2026)
- Budget assumes 48 informal, online bi-weekly meetings with the City’s project manager and key team members.

Task 02 – Preliminary (10 Percent) Design

Measurable Task Objective

This task will develop and evaluate one staff-preferred design alternative layout, informed by the phase 1 concept options, to the 10% design level. The work will also include a landscape schematic once the preferred alternative is determined. The conceptual planting plan is part of subtask 02-02.

Subtask 02-01 – 10 Percent Design of Selected Alternatives

Objective/Goal

Refine alternatives further based on City feedback and prepare 10% design level drawings the staff preferred alternative.

Approach

- Phase 1 developed four zones for improvements at the park and estuary. The staff-preferred alternative for the south shoreline/bulkhead, north shoreline, and meadow zones will be developed to the 10 percent design level.
- The 10 percent design drawing set will include type-size-location for the enhancement features in each zone. Three sheets will be prepared for each alternative –plan view, profile, and section details.
- The park programming and landscape schematic sheet(s) will be prepared as described in Subtask 0202 (below).
- Prepare an overall design rendering that includes the staff-preferred alternative.

- Conduct review meetings with City project manager and city staff to describe and discuss alternatives.
- Submit plan sheets for City review.
- Conduct a meeting with City staff to review 10-percent design to carry forward to 30 percent design.

Deliverables

- 10% plans for staff-preferred alternative.

Assumptions

- The four zones are Des Moines Creek; north shoreline and park grounds; south beach and bulkheads; and upper drive and overlook park.
- The City will select the staff-preferred alternative.
- Planting design is not included as part of this subtask.

Subtask 02-02 – Park Programming and Landscape Schematic

Objective/Goal

The purpose of this subtask is to refine park programming from phase 1 in one additional revision, and a conceptual planting plan (landscape schematic) that includes both restoration design and landscape design areas for the preferred alternative.

Approach

- Update park programming graphics from phase 1
- Using the selected alternative plan, prepare a conceptual planting plan that includes a plant palette for planting areas and a plant palette for restoration planting areas and shows locations for each with hatches.
- Update the draft conceptual planting sheet in response to comments and prepare a final conceptual planting plan.
- A brief description of planting considerations will be included in the narrative of the Basis-of-Design technical memorandum.

Deliverables

- Draft conceptual planting plan sheets and final conceptual landscape schematic updated in response to comments (to be included in the Subtask 0201 set deliverable).

Assumptions

- Restoration planting limits will be in the stream project area only.
- The landscape architect will be included in a review meeting with City project manager and city staff as part of Subtask 0201.
- Parametrix will provide input on restoration planting locations and will provide the restoration plant list..

Subtask 02-03 – Stream Design Hydrology, Hydraulics, and Sea Level Rise

Objective/Goal

The purpose of this subtask is to prepare the technical analyses to support the stream restoration, estuary, and park site design concepts. Existing stream modeling will be used, and alternate sea-level rise scenarios will be evaluated.

Approach

- Obtain the effective HEC-RAS model for Des Moines Creek used for the floodplain mapping.
- Reivew hydrology for 2-10- and 100-year flood flows. Add proposed flows due to projected climate change scenarios.
- If applicable, modify the HEC-RAS model to consider the proposed design.
- Review and select sea-level rise scenarios to be evaluated. Apply to stream model to assess potential floodplain modifications and threats to the park site, if appropriate to findings.
- Prepare inundation maps for average, mean higher high, and projected king tides at selected future sea-level rise scenarios.
- Prepare future 100-year floodplain inundation map for future flows and sea level rise scenarios.

Deliverables

- Draft inundation map due to stream stages and sea level rise.
- Technical memorandum documenting the hydrology and hydraulics updates.

Assumptions

- The existing HES-RAS model will be used and provided by the City. 2D modeling is not included.
- No floodways will be calculated.
- No model or map revisions will be prepared. The analysis anticipates that the sea level rise will impact the site and no change the stream hydraulic impacts.
- The City will select the sea-level rise and time frame scenarios to be used. Scenarios will be selected from those developed by the University of Washington Climate Impacts Group.
- The proposed work does not include joint probability analysis or other methods for assessing the combined flooding driven by tidal water level and creek flow.

Task 03 – Intermediate 30 Percent Design

Measurable Task Objective

The intermediate design will refine the preferred alternative selected from the 10 Percent design and prepare 30 Percent design level documents. This phase will develop more detailed plans, incorporating feedback from the 10 Percent design review, and will include additional analysis, preliminary specifications, and opinion of construction cost.

Subtask 03-01 – 30 Percent Design Development

Objective/Goal

Prepare 30 percent design level drawings for the refined preferred alternative.

Approach

- Refine the preferred alternative layout based on feedback from the 10 percent design phase.
- Integrate preliminary hydrologic and hydraulic analyses into the design.
- Prepare detailed design drawings including:
 - Cover sheet and legend (2 sheets)
 - Plan view (6 sheets)
 - Stream profile (2 sheets)
 - Stream details (1 sheets)
 - Grading and cross-sections (4 sheets)
 - Preliminary utility relocation plans (2 sheets)
 - Shoreline and beach design (4 sheets)
 - Layout Plans showing Park features (3 sheets – per task 06-03)
 - Preliminary planting plan (1 sheets)
 - Park Features Details (1 sheets – per task 06-03)
- Conduct a detailed review meeting with the City to present the 30 percent design.
- Prepare a 30 percent-level basis-of-design technical memorandum, including analysis and design justifications.
- Address comments from the 10% design phase and document resolutions.
- Prepare a 30 percent level of opinion of probable construction cost.

Deliverables

- 30 percent draft basis of design technical memorandum.
- 30 percent design plan set of the preferred alternative as detailed in the approach.
- 30 percent level opinion of probable construction cost.

Assumptions

- The City will provide timely and consolidated feedback on the 30% design submission.
- 30 percent design comments will be addressed in the 60 percent design level plan set.
- Permit review or environmental studies may be initiated but not fully completed at this stage.
- Preliminary coordination with utility companies will be sufficient for the 30 percent design phase, with detailed coordination continuing in subsequent phases.
- Landscape design schematics will be developed to a 30 percent design level.

Task 04 – Environmental Permitting

Subtask 04-01 – Environmental Permitting

Measurable Task Objective

To conduct a review of existing critical areas and other natural resources within the project limits to inform the alternative evaluation and identify potential information needs and requirements to be evaluated during the final design and permitting phase for the selected alternative.

Objective/Goal

The purpose of this task is to prepare a preliminary permit matrix identifying anticipated environmental permit requirements, permit triggers, submittal requirements, and associated review timelines for each of the identified alternatives. The preliminary permit matrix will be updated and revised during preliminary design for the selected preferred alternative.

Approach

- Review publicly accessible natural resource databases to identify critical areas, priority habitat and species occurrence, and federally designated critical habitat within the project area.
- Develop a matrix of anticipated environmental permits for each alternative evaluated under Task 2 (above).
- Update the preliminary permit matrix per the preferred alternative during preliminary design.
- Meet or coordinate a pre-application meeting with the applicable permitting resource agencies, if time permits.

Deliverables

- Preliminary Permit Matrix
- Updated Permit Matrix

Assumptions

- Permit documents will not be submitted in this phase.
- Resource agency meetings will be limited to one meeting at this phase.
- The permit lead will be included in design team reviews for the 30 percent design.
- The permit lead will attend up to 12 project team or city-project team meetings.

Task 05 – Additional Technical Services

Measurable Task Objective

Provide subconsultant services as part of the Parametrix design team during the alternative evaluation and Phase 2 design phase of the project.

Subtask 05-01 – Coastal Engineering (Moffatt & Nichol)

Objective/Goal

Provide coastal engineering services in support of design elements in the coastal zone for Tasks 2 and 3.

Approach

- Prepare a coastal processes assessment that will include a qualitative coastal engineering analysis based on existing information and data gathered as part of this scope of work.
- Develop design criteria to assist with the screening of alternative concepts.
- Support ParametriX and the City during the alternatives screening and evaluation process.
- Participate in up to two (2) meetings with ParametriX and the City during the screening and alternatives evaluation process.
- Coastal Engineering Analysis to support the 10 and 30 percent design levels.
- Prepare the following analyses for the 30 percent design to include the following:
 - Wave modeling: Numerical simulation of wind wave generation and propagation to the site from one or two directions resulting in highest wave heights will be completed for existing conditions as well as up to two design alternatives. Numerical simulation will be conducted using a two-dimensional third-generation wave model in steady state for extreme and typical return period (RP) storm events. Modeling will be conducted assuming the storm coincides with a high tide (e.g. Mean Higher High Water or [MHHW]) as well as a high tide + future sea level rise (one SLR scenario to be selected in coordination with client based on design life).

Model runs: It is anticipated that up to 24 model runs will be conducted to capture 2 storm return periods x 2 storm directions (southerly and northerly) x 2 design water levels (with and without SLR) x 2 configurations (existing and the preferred alternative).

The model (e.g. SWAN or MIKE 21 SW) simulates growth and propagation of random, short-crested wind-generated waves in coastal regions. Numerical modeling will provide the site-specific wave parameters (wave height, wave period, and approach angle with respect to the shoreline), to be used in further analysis and design of shoreline enhancement/restoration.

- Wave runup analysis: M&N will estimate wave runup on one site-specific transect under an extreme event reflecting a combination of water level and waves for existing and the proposed alternatives. Estimation of runup will be obtained using desktop engineering analysis (according to Coastal Engineering Manual or EurOtop overtopping manual). M&N will request engineering calculations for wave runup and overtopping associated with effective flood maps from Federal Emergency Management Administration (FEMA) for the closest transect(s). If the engineering calculations are provided to M&N by FEMA in a timely manner, M&N will use the event identified by FEMA resulting in highest wave runup for the analysis of proposed conditions.
- Morphologic analysis to assess planform and cross section of the proposed beach. Analysis may include stability of beach substrate, expected longevity of beach fill sections, and prototype analysis. The prototype analysis examines reference estuary and

beach conditions to assist with sediment mobility analysis to support the design of the beach slope and substrate.

- Prepare beach concept figures for the 10 percent alternative analysis
 - A plan view and 2 sections for each alternatives.
- Prepare beach design sheets for the 30 percent design levels, including:
 - Shoreline and beach design (4 sheets)
- Support Parametrix to develop opinions of probable construction cost for shoreline and beach design by providing quantities and unit costs for shoreline enhancement/restoration elements of the project.

Deliverables

- Coastal Engineering section for inclusion in the Basis-of-Design memorandum.
- Coastal Process Assessment technical memorandum.
- 10 percent design figures (3 designs, 3 sheets each)
- 30 percent design drawings for the preferred alternative (4 Sheets).
- Opinion of probable construction cost for coastal elements of the preferred alternative at 30 percent design.

Assumptions

- Responding to agency or peer review comments on coastal engineering assessment and modeling is beyond scope of this work.
- Model calibration/validation is beyond scope of this work.
- Attend and provide support for one resource agency meetings.
- Participate in design team reviews for the 10 and 30 percent designs.
- Attend up to 4 project team or city-project team meetings.
- No geotechnical assessment is included in this phase.
- Permit support is beyond the scope of this work.

Subtask 05-02 – Cultural Resources Support (Willamette Cultural Resource Associates)

Objective/Goal

To conduct a desk-top evaluation to identify potential archeological and/or historic resources within the project limits to inform the alternative evaluation and identify potential information needs and requirements to be evaluated during the final design and permitting phase for the selected alternative.

Approach

- Provide a preliminary assessment of potential effects to the Historic District for the 30 percent design alternatives.

- Summarize findings in a technical memorandum.

Deliverables

- Cultural Resources technical memorandum for the 30 percent design.
- Inadvertent Discovery Plan

Assumptions

- No field investigations are included in this phase.
- No Historic Property Inventory (HPI) forms will be completed in this phase. If necessary, this would be completed during final design.
- No Tribal consultations or agency outreach will occur in this phase.

Subtask 05-03 – Park Planning (MacLeod Reckord)

Objective/Goal

Provide park planning and design services in support of Tasks 2, 3, and 4. Provide support for Task 07 – Stakeholder Involvement.

Approach

- Assist ParametriX and the City develop design criteria to be used in the screening of alternative concepts with specific focus on ensuring that the concept designs are consistent with current and planned future park uses as described in the City’s 2022 Park, Recreation and Senior Services Master Plan.
- Support ParametriX and the City during the alternatives screening and evaluation process.
- Participate in up to two (2) meetings with ParametriX and the City during the screening and alternatives evaluation process.
- Refine park program concepts for north shoreline and park grounds from phase 1 in one additional revision.

Deliverables

- Park design elements narrative for inclusion in the Basis-of-Design memorandum.

Assumptions

- The draft and final conceptual planting plans include a plant list for planting areas and a plant list for restoration planting areas. Locations of planting area types to be depicted by a hatch only.

Task 06 – Stakeholder Involvement

Measurable Task Objective

Provide effective communication and engagement with stakeholders throughout the design process. This will involve internal briefings with city staff, coordination with external stakeholders, senior management, and council, as well as engaging the general public through various channels.

Subtask 06-01 – Internal City Staff Briefings

Objective/Goal

Conduct briefings with internal city staff to provide updates on project progress and solicit feedback.

Approach

- Identify and schedule up to three internal briefings with key city staff.
- Prepare briefing materials, including design updates, project timelines, and key decisions.
- Facilitate discussions to gather input and address concerns.

Deliverables

- Presentation materials for each briefing.
- Meeting minutes and action items from each briefing.

Assumptions

- Key internal staff will include representatives from the Public Works Department, Environmental Services, and Urban Planning.

Subtask 06-02 – External Stakeholder and Council Briefings

Objective/Goal

Engage with external stakeholders, senior management, and the City Council to provide project updates and gather feedback.

Approach

- Identify key external stakeholders and schedule up to three briefings.
- Schedule one meeting with senior management and one with the city council.
- Coordinate and conduct up to four individual agency meetings with relevant regulatory and community organizations.
- Prepare briefing materials, including design updates, project impacts, and key decisions.
- Facilitate discussions to gather input and address concerns.

Deliverables

- Presentation materials for each briefing and meeting.
- Meeting minutes and action items from each briefing and meeting.

Assumptions

- Potential external stakeholders include local environmental groups, neighborhood associations, business community representatives, and regulatory agencies.

Subtask 06-03 – Public Involvement

Objective/Goal

- Engage the general public to inform them of the project and gather their feedback through online platforms and surveys.

Approach

- Develop and maintain a project website with up-to-date information on the project status, design progress, and key milestones after completion of 30 percent design.
- Design and distribute an online survey to gather public input on key project aspects.
- Compile and analyze survey results to inform the design process.
- Post regular updates on the project website, including key decisions and progress reports.
- Plan for public meetings to be held at the 60% design stage.

Deliverables

- Project website content and updates.
- Online survey and summary of results.
- Regular public updates and communications.

Assumptions

- Public involvement will be primarily conducted online until the 60% design stage.
- No in-person public meetings will be held until the design reaches the 60% completion level.
- The project website will be user-friendly and accessible, with options for public feedback and questions.
- The City will provide contact information and support for scheduling meetings with internal and external stakeholders.
- All stakeholders will be responsive and provide timely feedback to keep the project on schedule.
- Public feedback will be effectively integrated into the design process, ensuring transparency and community support for the project.

End Scope of Work

AGENDA ITEM

BUSINESS OF THE CITY COUNCIL
City of Des Moines, WA

SUBJECT: Boat Launch and Dry Stack Storage
Feasibility Study

FOR AGENDA OF: February 13, 2025

DEPT. OF ORIGIN: Administration

ATTACHMENTS:
1. None

DATE SUBMITTED: February 07, 2025

CLEARANCES:

- City Clerk _____
- Community Development _____
- Courts _____
- Finance _____
- Human Resources _____
- Legal /s/TG
- Marina _____
- Police _____
- Parks, Recreation & Senior Services _____
- Public Works _____

APPROVED BY CITY MANAGER

FOR SUBMITTAL: *Katherine Coffey*

Suggested Motion

Motion: None

Background

At the February 6, 2025 Study Session, the Council voted 6-1 to direct staff to bring back to Council information on the consideration of a Boat Launch and Dry Stack Storage at the February 13, 2025 Regular Council Meeting. Staff will solicit feedback and input from the City Council on what specific elements they would like included in the Feasibility study.

Discussion

N/A

Alternatives

N/A

Financial Impact

N/A

Recommendation

N/A

BOAT LAUNCH & DRY STACK STORAGE FEASIBILITY STUDY

SCOTT WILKINS, HARBORMASTER

FEBRUARY 13, 2025





AGENDA

- Current plans for existing sling launch
- Two components to project:
 - New Launch Facility
 - Dry Stack
- Discussion on what to study in Feasibility Study

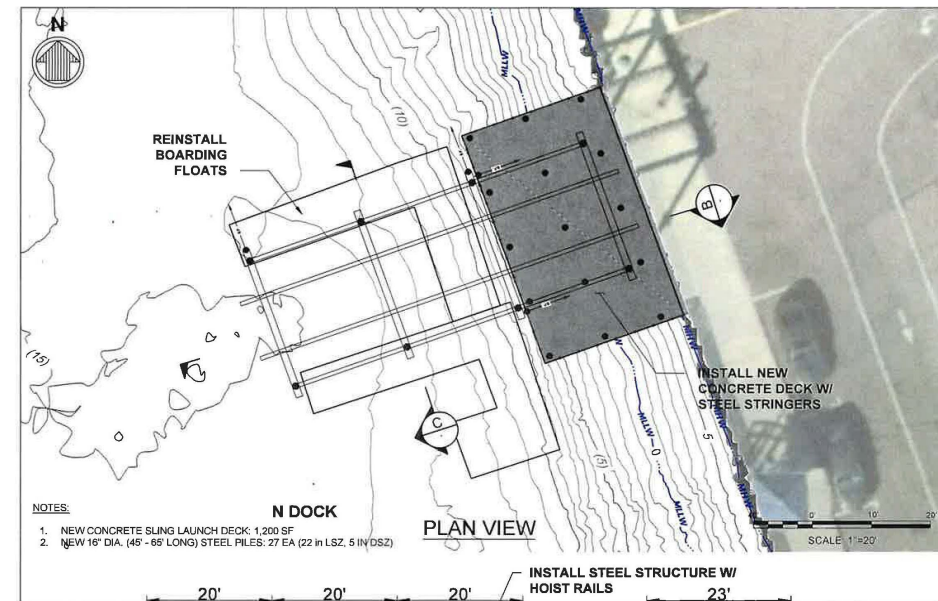
MARINA SMALL BOAT LAUNCH-CURRENT STATUS

- The small boat launch facility was closed for safety reasons on June 2, 2022.
- Asking Quigg Bros. to give a cost and time estimate to remove structure under our current in-water permit (time sensitive, time-constrained).
- Engineers estimate from prior similar projects-\$354,000
 - Removal of the super structure
 - Removal of creosote pilings and launch deck
 - All hazardous waste disposal
- Mobilization/Demobilization may add \$134,000
(*Pending Start Date*)



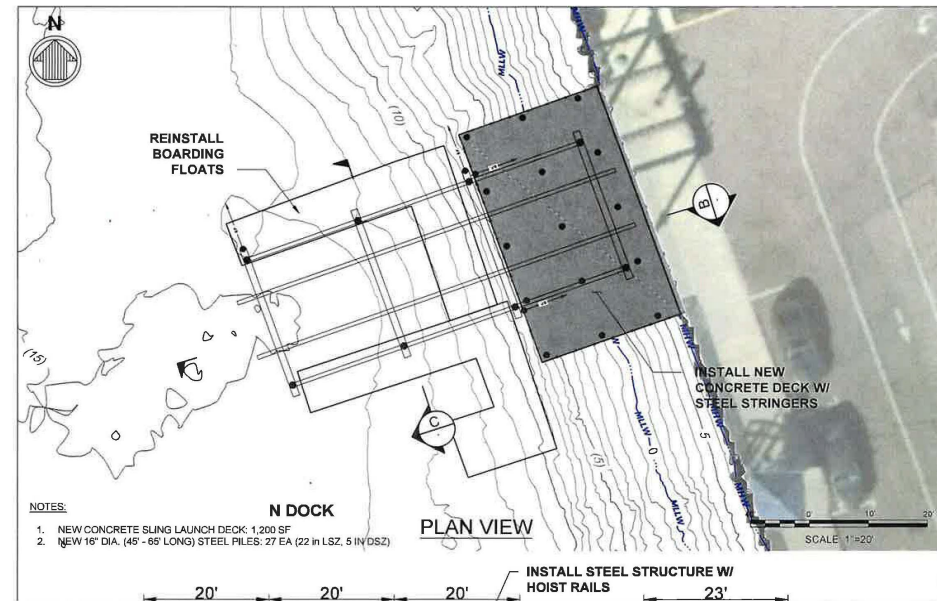
INSTALLATION OF NEW LAUNCH FACILITY

- Would be covered by existing permit (permit expires March 2027)
- Only recommend this project if committed to dry stack
- Will need to identify funding source for this project if Council wanted to move forward
 - Limited debt capacity, use of bond dollars, other alternatives for project delivery



INSTALLATION OF NEW LAUNCH FACILITY

■ Engineers Estimate:	
Concrete deck/steel pile	\$1,200,000
Timber boarding float	
Pavement improvements	
Misc. improvements	
■ 30% contingency & 10.2% tax	\$ 600,000
■ Design/engineering/permits	
Const. admin/support 15%	\$ 300,000
■ TOTAL ESTIMATED	\$2,100,000
(not including demobilization)	



*Estimate from 4Q2024

DRY STACK: BACKGROUND

Comparisons:

- Dry Stack locations on Puget Sound
 - Bayside, Everett
 - Foss Harbor, Tacoma
 - Twin Bridges, Anacortes
 - Port of Edmonds

Description:

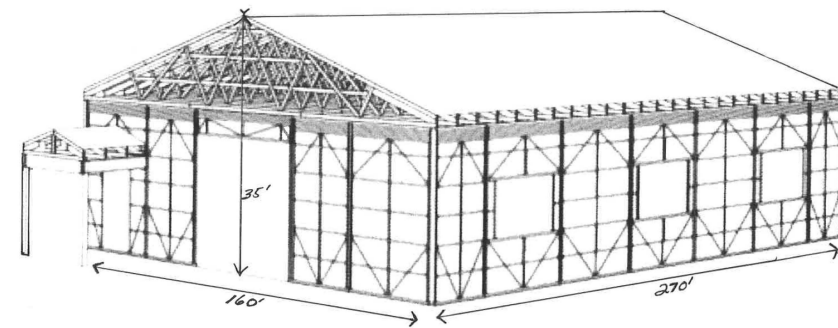
- Approximately 160 ft. by 270 ft. deep and 35 ft. height
- Potentially would hold 170-200 boats (30' and smaller)
 - Removing smaller boats off the water and including the 72 dry sheds we currently have. Additional open stack storage may be available to be added
 - Other Amenities: Lighting, fire suppression & heat



DRY STACK: BACKGROUND

Why?

- Revenue stream to offset future capital needs of Marina
- 2019 Reid Middleton Condition Assessment Report
 - When provided, it was approximately 10-15 years of dock service life
 - Now approximately 5-10 years of service life
- Would retain displaced smaller boats currently moored in the water at the Marina.



DRY STACK BENEFITS

- Marina Benefits:
 - Retain existing revenue stream from smaller boat storage/moorage
 - Create additional revenue to support Marina CIP goals
 - Reduce issues with derelict vessels
- Boater Benefits
 - Lower maintenance costs due to reduced exposure to elements
 - Preserves vessel value by keeping boats out of salt water
 - Climate controlled secure storage when not in use
 - Fresh water rinse after each haul-out
 - Other potential concierge services available (generate addl. \$)



DRY STACK ESTIMATED BUILDING COSTS

Typical Tilt Up Structure = \$1.3M

Racks (175-200) (dependent on boat size demand) = \$1M

Additional Cost Considerations

- Cost of City/State/Federal permits = TBD
- Cost of pad, electrical, and fire = TBD
- Cost of negative forklift = \$1,000,000

TOTAL “ESTIMATED” COST TO BUILD = \$3.3M+

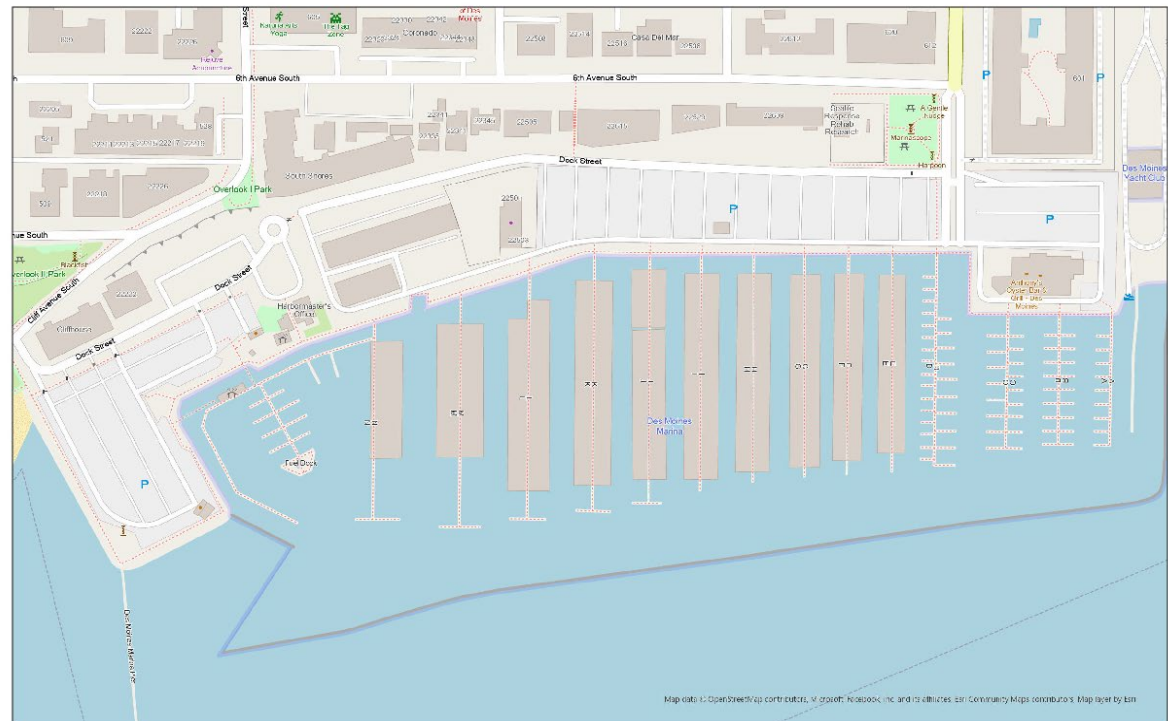


**Estimate from 1Q2024*

FEASIBILITY STUDY

Feasibility Study will cover:

- Demand on Puget Sound and our demographics
- Optimal structure size for location
- Capacity analysis
- Capital costs
- Operating costs
- Revenue potential
- Operations cost
- ROI for project
- Financing options for project, if Council wanted to proceed



FEASIBILITY STUDY

What assumptions should we make:

- Dry stack or open stack?
- Dry stack only, or include All Purpose Building?
- Location: Existing shed area, or consider entire marina floor?
- Optimal structure size & view considerations
 - Determine the minimum height required to maximize revenue per cubic foot while accommodating various vessel sizes
 - How will the structure impact surrounding views
- Interest in beautifying structure through façade and architectural elements?



PROPOSED LOCATION



ROUGH LINE IMAGE ESTIMATE



ALL PURPOSE BUILDING-IF INCLUDED

- Demand study
- Community input
- Size
- Cost
- City benefit
- Marina benefit

Suggested Uses:

- Marine Supply Store
- Year-round Farmers/Fish Market
- Retail
- Marina office and shop
- Restrooms and laundry
 - Current location of the Marina office/restrooms future development location



QUESTIONS & DISCUSSION



CITY COUNCIL REGULAR MEETING

Speaker Sign-Up Sheet

February 13, 2025

NAME (PLEASE PRINT)	ADDRESS	TOPIC	PHONE/E-MAIL ADDRESS
<input checked="" type="checkbox"/> Bill Livscott	Mrs. Maurice	Boat Stack	bill.livscott@ychee.com