



WATERWAY RESILIENCY PROGRAM

WEIR GULCH • SOUTH PLATTE • HARVARD GULCH

Waterway Resiliency Program Pre-
Submittal Meeting



Sign-In QR Code

INDUSTRY EVENT: Pre-Submittal Session

October 6, 2023

A One Water
Program



INTRODUCTIONS

- Contract Administrator: Cindy Ackerman
- Project Team:
 - Ashlee Grace, Program Director
 - Heather Bennett, Program Manager

Waterway Resiliency Program Pre-
Submittal Meeting



Sign-In QR Code

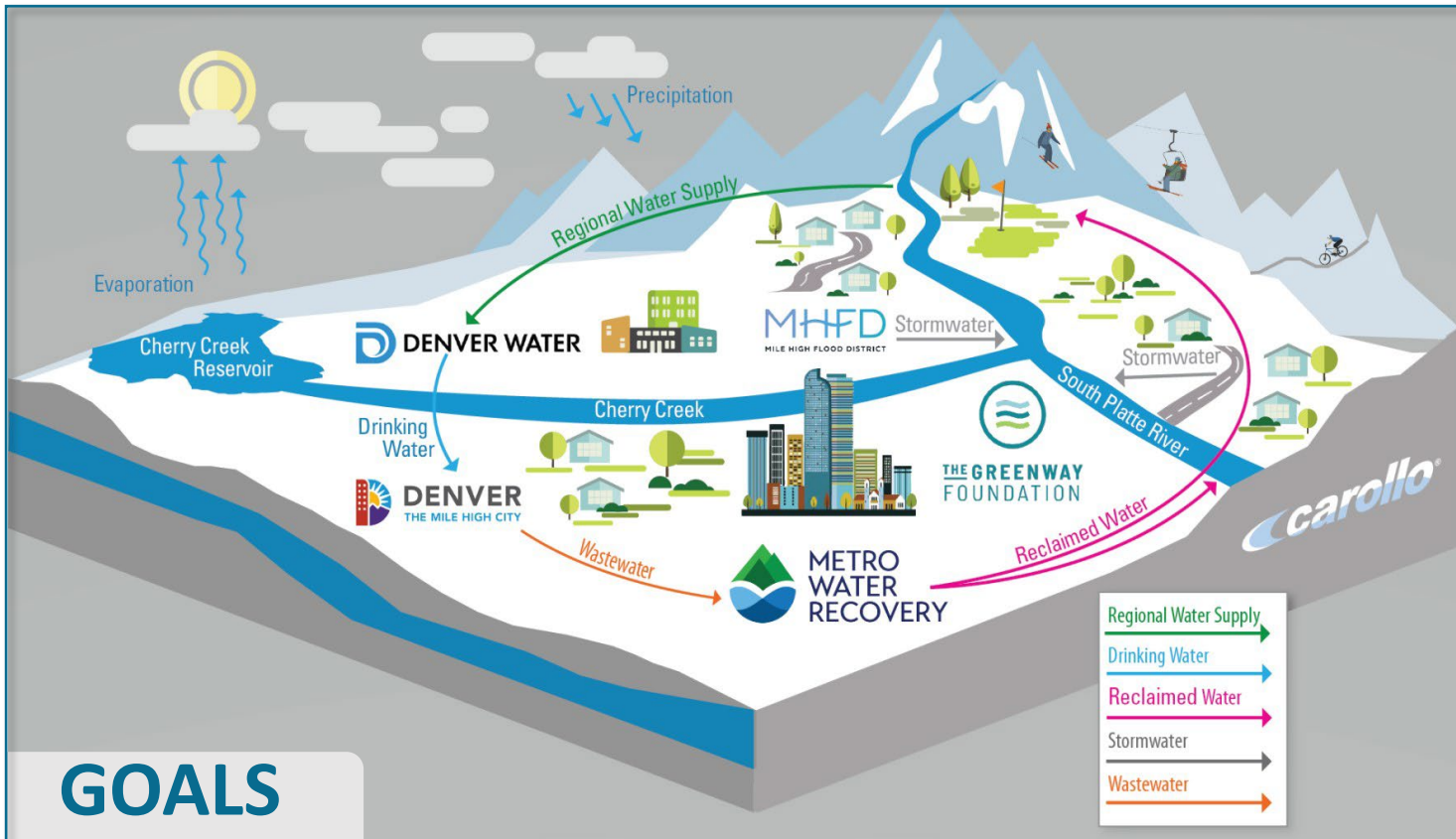


Agenda

- Project Overview
 - Background
 - Partnership Agreement
- Website
- Program Structure & Staff Augmentation/Owner Advisor
- Question and Answers



THE WATERWAY RESILIENCY PROGRAM IS A ONE WATER PROJECT



GOALS

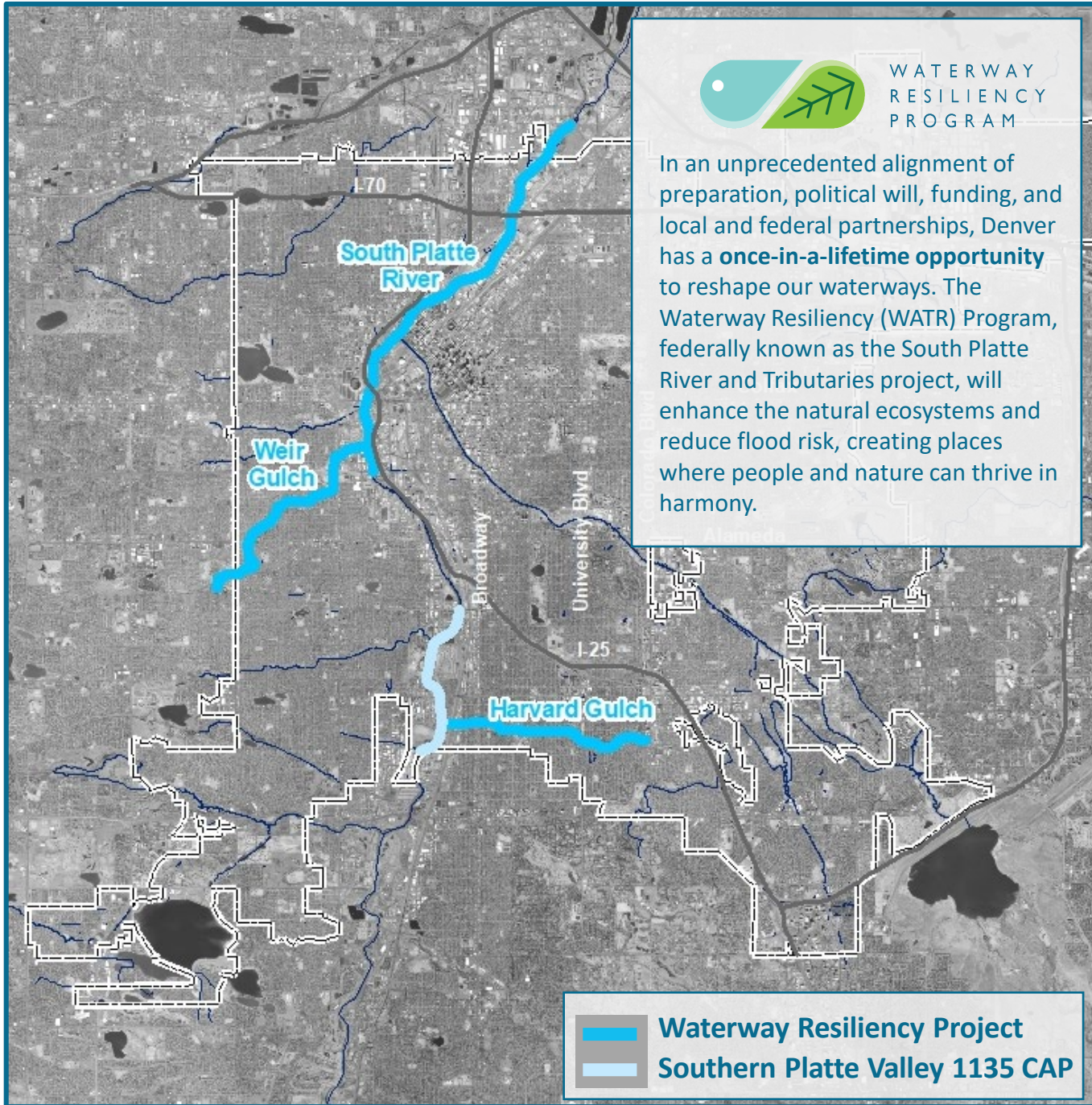
1. Promote inter-agency collaboration
2. Implement multi-benefit projects
3. Develop community support
4. Increase resilience to climate change
5. Establish integrated and innovative water management solutions

DENVER ONE WATER PLAN



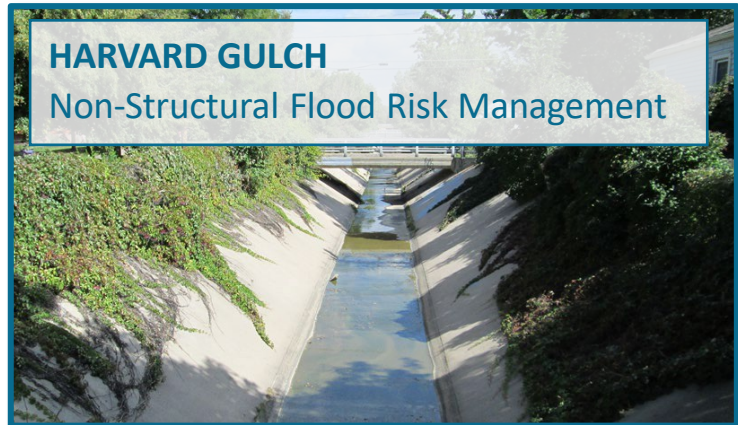
The One Water Plan charts a course for holistic and resilient water management and land use strategies for Denver through collaboration, multi-benefit projects, and strong policies that promote healthy watersheds in an equitable, economically, and environmentally beneficial manner.





WATERWAY
RESILIENCY
PROGRAM

In an unprecedented alignment of preparation, political will, funding, and local and federal partnerships, Denver has a **once-in-a-lifetime opportunity** to reshape our waterways. The Waterway Resiliency (WATR) Program, federally known as the South Platte River and Tributaries project, will enhance the natural ecosystems and reduce flood risk, creating places where people and nature can thrive in harmony.



PROJECT BENEFITS



A flourishing ecosystem with improved river edge, wetland, and aquatic habitats

6.5 miles of ecosystem restoration along the South Platte River in the heart of Denver



Reduce flood risks to adjacent habitats and neighborhoods

Hundreds of properties and structures will be removed from floodplain designation



Improved mobility that better connects people to where they want to go

Improvements along the South Platte River regional trail and new trail segments and connections along Weir Gulch




Equitable access to a healthy environment for recreation and enjoyment

Fulfill community vision for more opportunities to engage with green space and water activities

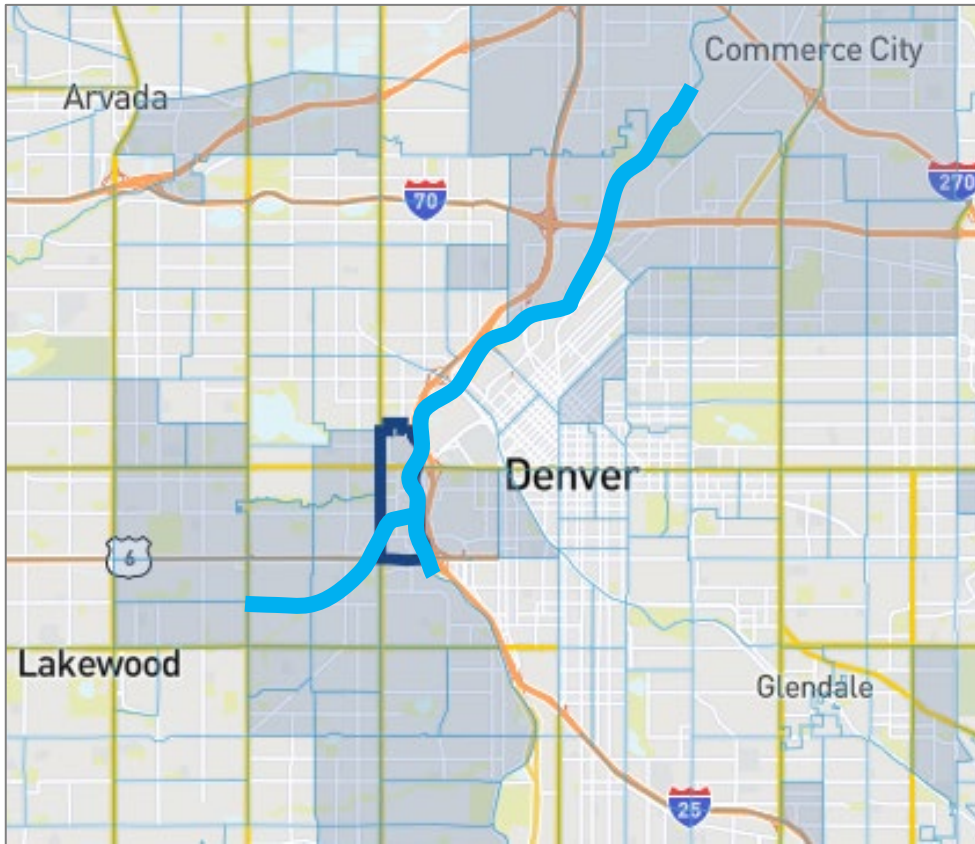


Environmental justice and increased climate resiliency for vulnerable and underserved communities

Provide benefits to historically marginalized communities, underserved and overburdened by pollution

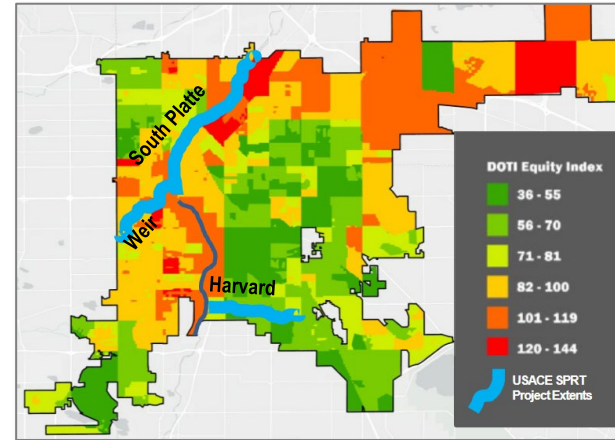


Climate and Economic Justice
Screening Tool

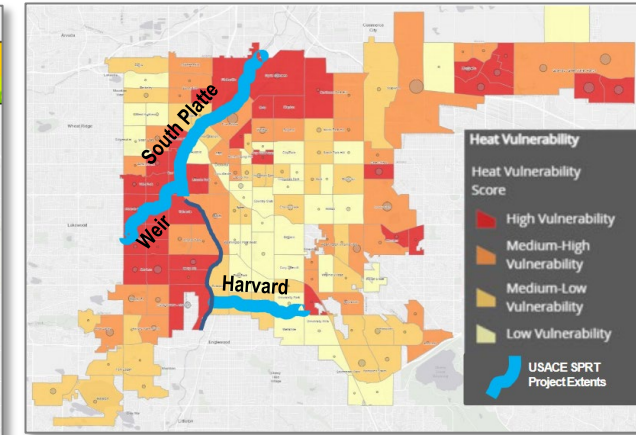


*This project aligns with the Administration's commitment to **tackling environmental injustices and inequities** by implementing a significant investment that will make a positive difference in people's lives.*

Denver's Dept. of Transportation & Infrastructure Equity Index



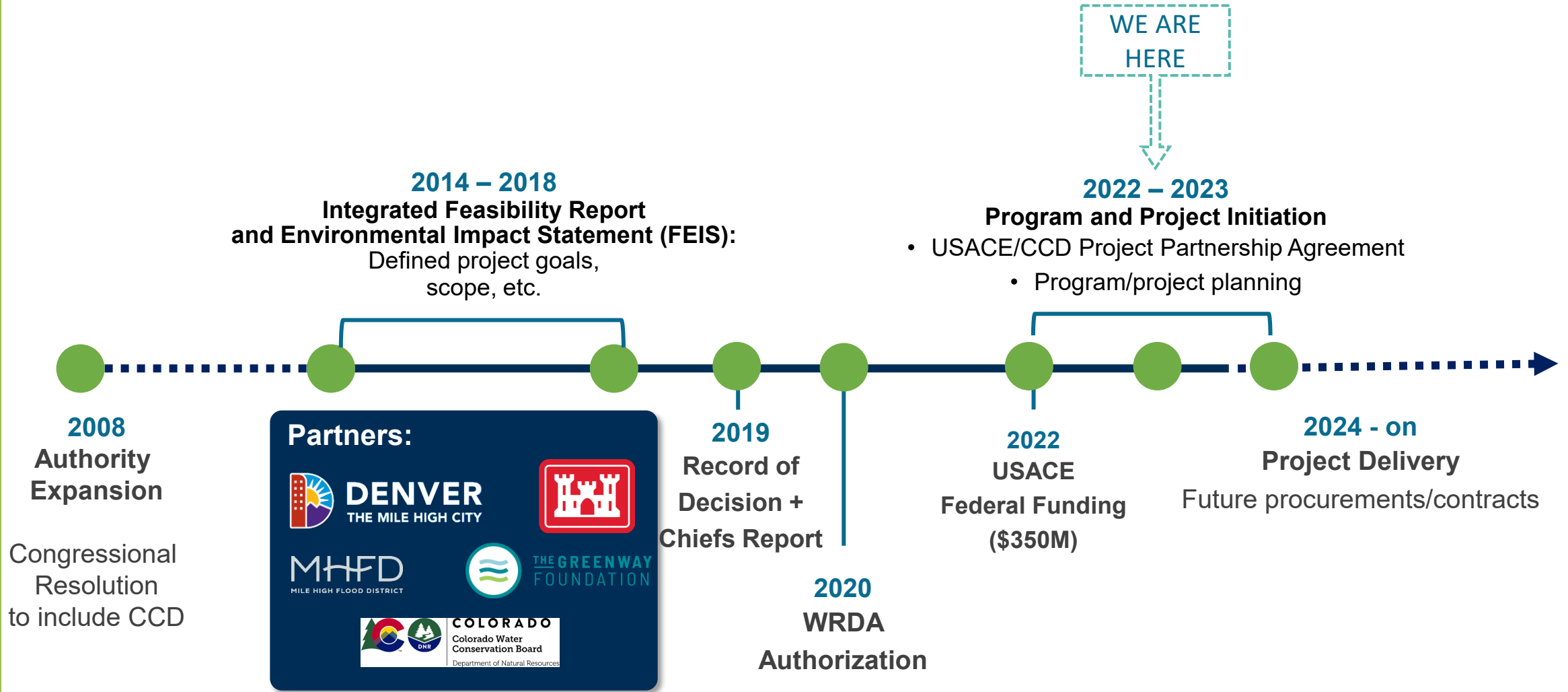
Denver's Heat Vulnerability Map



Denver and the Department of Transportation and Infrastructure are **committed to advancing equity goals** through the implementation of plans, policies, practices and projects that support those who are underrepresented and have been historically disadvantaged. The WATR Program will play an important role in moving Denver towards the City's and the Administration's equity commitments by making progress in the below areas:

- Economic Justice
- Environmental Justice
- Economic Recovery
- Infrastructure Equity
- Environmental Sustainability:
 - Drought Tolerance
 - Climate Resiliency
 - Carbon Sequestration
 - Air quality benefits
 - Stream temperature reduction
 - Heat island reduction





USACE: United States Army Corps of Engineers
 WRDA: Water Resource Development Act
 SPR: South Platte River
 CCD: City and County of Denver



Bipartisan Infrastructure Law/IIJA – Federal Funds Appropriated FY2022

South Platte River & Tributaries, Adams & Denver Counties, Colorado Project

- Federal appropriations for FY2022 PED - \$400,000
- Federal appropriations for FY2022 BIL/IIJA - \$349.6M

Water Resource and Development Act of 2022:

SEC. 8317. SOUTH PLATTE RIVER AND TRIBUTARIES, ADAMS AND DENVER COUNTIES, COLORADO.

- Expedite Project Partnership Agreement (PPA) utilizing Sect 204(d) of WRDA 1986
- Utilize IIJA/BIL funds for reimbursement to non-federal sponsor for project

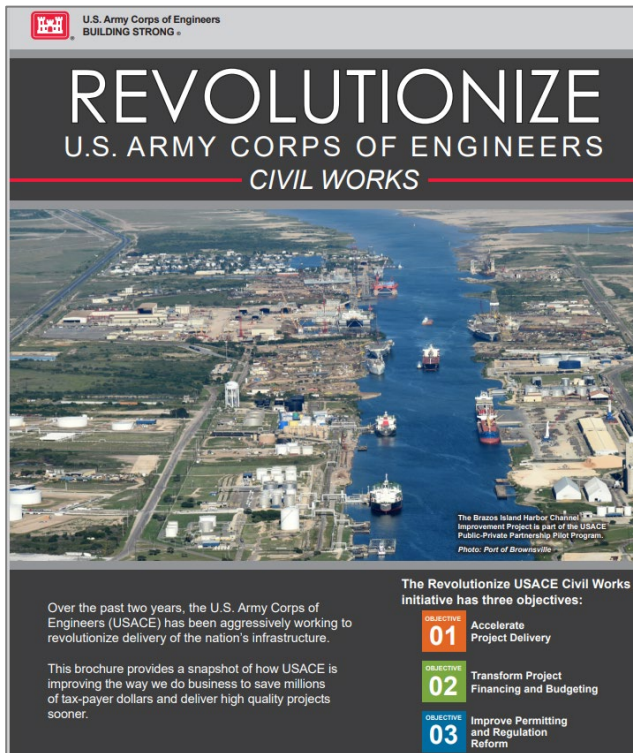
USACE/CCD Project Partnership:

- Accepted into USACE Alternative Delivery Program in September 2022
- Project Partnership Agreement executed on May 8, 2023



As part of the “Revolutionize USACE Civil Works Initiative”, this pilot program is modernizing the traditional delivery of the Civil Works program to accelerate infrastructure projects:

- Accelerate delivery through efficiency and performance-based contracts
- Optimize local participation and provide Non-Federal sponsor (NFS) more control
- Provide significant life-cycle cost savings for Federal government and NFS



OBJECTIVE 01 Accelerate Project Delivery

- Streamline Continuing Authorities Program
- Improve Project Partnership Agreements
- Additional Delegation of Decisions
- Emergency Supplemental Projects: Lessons Learned become Enterprise Best Practices

OBJECTIVE 02 Transform Project Financing and Budgeting

- P3 Pilot Program: Development of current P3 pilot projects and identify additional pilots in 2020
- CWIFP Federal Loan Program: Implement program and issue loans, subject to appropriations.
- Multi-year budgeting/funding to increase flexibilities

OBJECTIVE 03 Improve Permitting and Regulation Reform

- Mitigation: Revisit Mitigation Rule, based on partner input and lessons learned, revise as appropriate
- Educate and Inform: Review all existing guidance and refresh as needed
- Permitting: Renew Nationwide Permits and modify as necessary
- Waters of the U.S.: Continue to work with the EPA to develop clear and appropriate implementation materials

<https://www.usace.army.mil/missions/civil-works/infrastructure/revolutionize/>



Not USACE Traditional Project Delivery

Locally-led Delivery by the Non-Federal Sponsor (Denver)

Reimbursement Authority: Sect 204(d) of WRDA 1986

Key Points:

- Cost-shared project with joint (USACE-NFS) governance
- Federal reimbursement to NFS for completed discrete segments
- PPA signed at ASA CW level; and execution delegated to District level
- USACE provides determinations, reviews, and approvals

Project Execution:

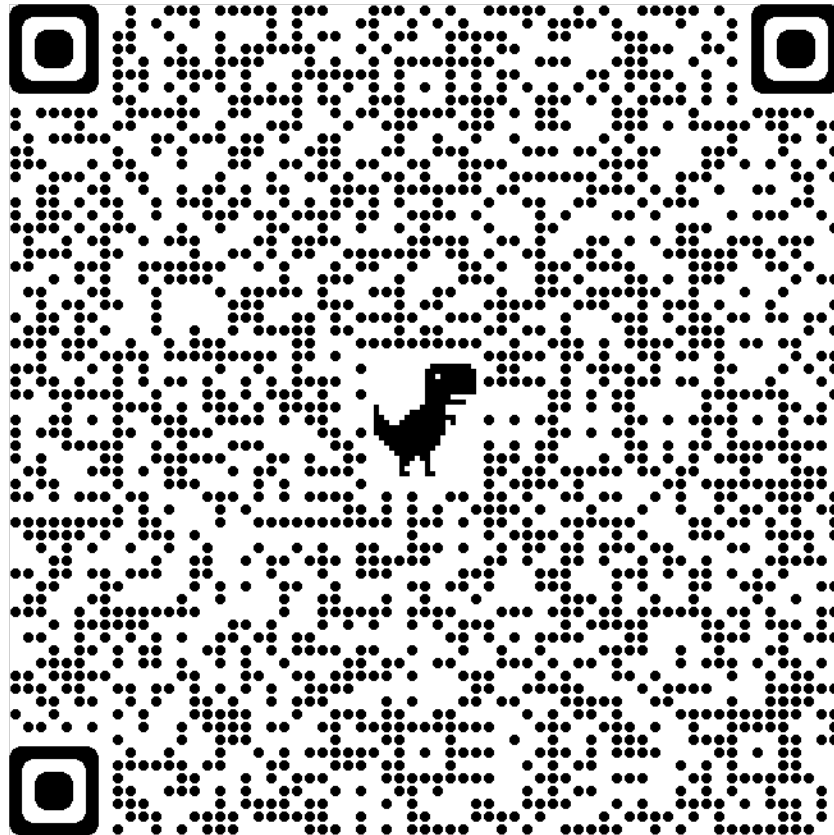
- NFS leads the real estate acquisition and procurement of contracts
- USACE and NFS jointly develop performance criteria in support of NFS procurement(s)
- USACE supports design reviews, construction observation, and monitoring
- USACE provides reviews for valuation and cost reasonableness to support certifications and approvals for reimbursements
- Compliance with applicable Federal laws and regulations
 - Design aligned with intents outlined in FEIS
 - Construction meets mandatory requirements (e.g. Buy American)



- ✓ **Ecosystem restoration** along a 6.5 mile long stretch of the South Platte River Corridor, improving approximately 450 acres (resulting in 87.4 Habitat Units) of nationally, regionally and locally significant habitat
- ✓ **Flood Risk Management** that will remove an estimated 100 structures from the 100-year floodplain along the South Platte River corridor, remove/prevent approximately 360 structures from the 1% annual chance exceedance floodplain along Weir Gulch and allow for 176 properties to benefit from non-structural improvements to reduce their flood risk.
- ✓ **Advance Denver's goals for enhanced mobility, resiliency, equity and One Water philosophy** by aligning designs with the FEIS and local land use, transportation, open space and One Water plans and maximizing scope delivered within the available budget.
- ✓ **Provide significant benefits to many of Denver's most vulnerable and under-resourced neighborhoods** along the South Platte River, Weir Gulch and Harvard Gulch, including accessibility and connectivity to high quality open space and flood risk mitigation.
- ✓ **Implement innovative, cost-saving delivery approach** that leverages most appropriate funding sources, delivery methods, and industry innovation in order to deliver high quality project in less than ten years (plus adaptive management).
- ✓ **Establish long term management plan for success**
- ✓ **Develop and maintain well-matrixed and blended team** that leverages City, USACE and local partner expertise resulting in local and USACE staff development and local capacity building. (e.g., workforce and certified firm engagement).
- ✓ **Establish successful precedent** for USACE Alternative Delivery Pilot Program with locally-led alternative delivery of major USACE project.
- ✓ **Effectively communicate with stakeholders and partners** to provide timely and consistent information. Maintain an open and transparent line of communication with the greater community and external stakeholders.

For more information, check-out the website

www.denvergov.org/waterwayresiliency



Resources:

- FEIS and PPA links
- History and information
 - History of the SPR
 - Story map
 - Ecosystem benefits
- Project overview and background
- Industry Information and Sign Up





**Program Structure
&
Role of Staff Augmentation/Owner Advisor**



The WATR governance structure provides an effective leadership oversight framework with responsibilities to ensure successful delivery of the program. **CCD, USACE and MHFD** are represented at every level.

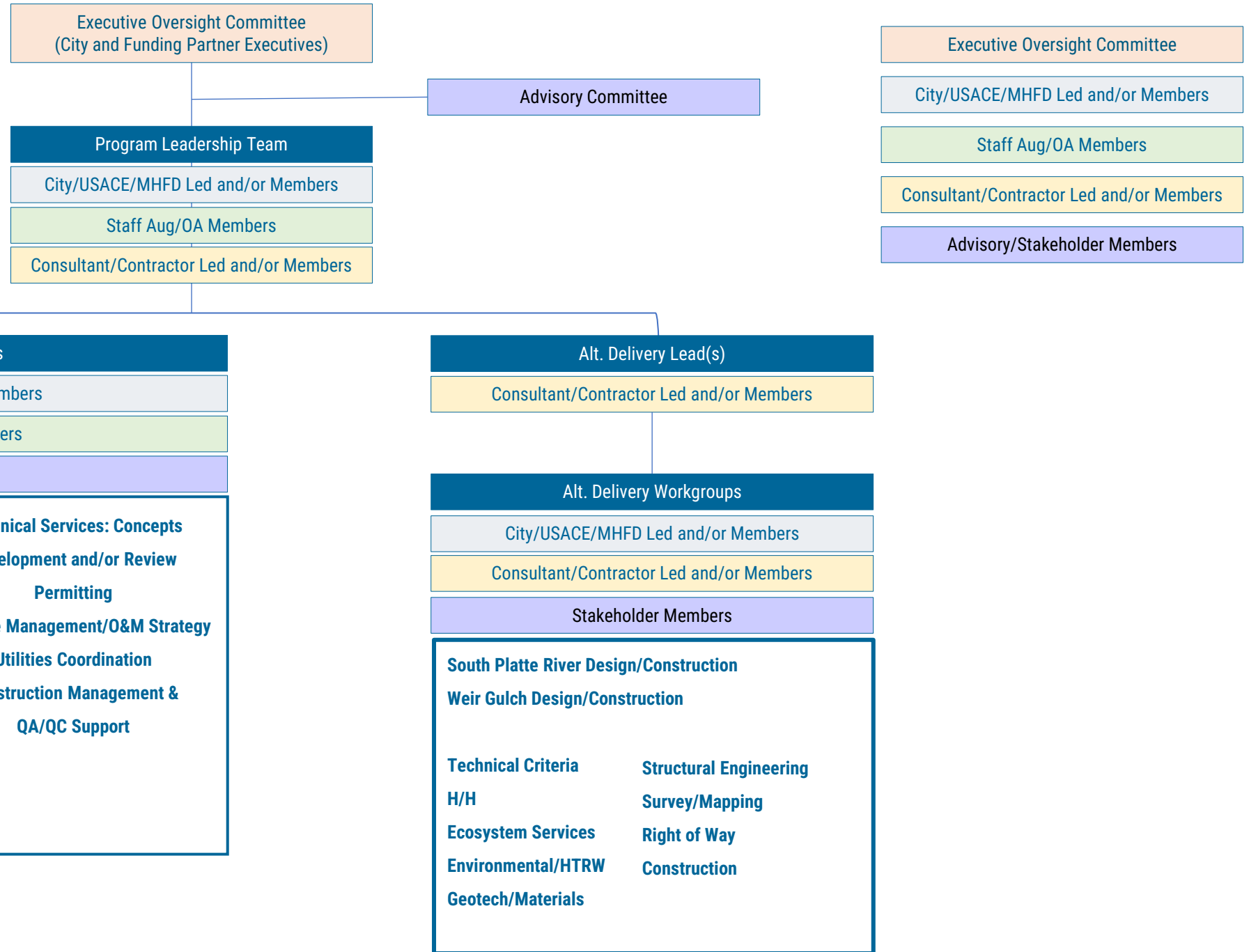
Executive Oversight Committee (EOC): The leading management body for the program, led by the DOTI Executive Sponsor, including leaders from USACE Omaha District, CCD and MHFD.

WATR Advisory Committee: Broad-based CCD, USACE, and MHFD representatives and experts that are instrumental in the successful planning and implementation of the Program.

WATR Project Leadership Team (PLT): CCD, USACE and MHFD senior staff and working group chairs responsible for the day-to-day program coordination and delivery.

Work Groups and Program Advisors: Project staff, specialty consultants, and subject matter experts that support major elements and decision-points throughout program implementation.





Program Support Workgroups

City/USACE/MHFD Led and/or Members

Staff Aug/OA Led and/or Members

Stakeholder Members

Program Management Advisory Services	Technical Services: Concepts
Procurement & Contract Administration	Development and/or Review
Project & Document Controls	Permitting
Communications & Public Information	Adaptive Management/O&M Strategy
Stakeholder Engagement	Utilities Coordination
Finance and Funding	Construction Management &
Risk & Schedule Controls	QA/QC Support
Cost Estimating/Verification	
DBE/Workforce	
Other Program Services	

Alt. Delivery Lead(s)

Consultant/Contractor Led and/or Members

Alt. Delivery Workgroups

City/USACE/MHFD Led and/or Members

Consultant/Contractor Led and/or Members

Stakeholder Members

South Platte River Design/Construction

Weir Gulch Design/Construction

Technical Criteria	Structural Engineering
H/H	Survey/Mapping
Ecosystem Services	Right of Way
Environmental/HTRW	Construction
Geotech/Materials	

Executive Oversight Committee

City/USACE/MHFD Led and/or Members

Staff Aug/OA Members

Consultant/Contractor Led and/or Members

Advisory/Stakeholder Members

Staff Aug/Owner Advisor | Master Task Order On-call contract. Provide program set-up and on-going program management support for life of project. Potential areas of support may include:

- Staff Aug/OA Support Mgmt
- Environmental and Permitting
- Procurement Support
- Risk Management and allocation
- USACE Coordination/Interface
- Adaptive Management Implementation and Monitoring
- Project and Document Controls
- Estimating/Indep. Cost Estimating
- Construction Mgmt and QA/QC Support
- Agency, Stakeholder and Community Engagement
- Utilities Coordination
- Real Estate Coordination/Support
- Subcontracting, Procurement and Workforce Requirements
- Program Management Advisory Services
- Technical Services
 - Engineering: Civil; H&H; Structural
 - Ecology
 - Biology
 - Geotech
 - Survey
 - Landscape Architect
 - Arborist

NOTE: Denver and USACE will remain project leads in all major/appropriate areas. This contract is intended to supplement/provide extra capacity and expertise as needed through life of project.



- **Phase 0:** Project definition and pre-solicitation conceptual/preliminary design in advance of CM/GC and/or PDB solicitations; communications and stakeholder coordination and engagement
 - **Phase 1:** Facilitation and programmatic/technical support of stand-alone design plus pre-construction services for CM/GC or combined design/preconstruction services for PDB; communications and stakeholder engagement
-
- **Phase 2:** Construction progress monitoring and potential construction management/services during construction to support construction performed by the CM/GC and/or PDB; communications and stakeholder engagement
 - **Phase 3:** Monitoring of warranty claims and/or oversight of long-term performance period and/or adaptive management, where required



- **Scope**

- Initial 3-year contract (with option to renew)
- Phase 0: Planning/Pre-Design activities
- Phase 1: Design/Pre-Construction activities

- **Initial Priorities**

- Procurement Process Support
- Program Controls: Document/Communication Mgmt., Reimbursement and Accounting Processes
- Communications/Engagement Strategy
- Technical Requirements Development
- Continued Cost Estimates Analysis and Refinement
- Risk Management Analysis and Plan
- Real Estate Acquisition Analysis and Strategy
- Adaptive Management Planning Support



DEPARTMENT OF TRANSPORTATION
AND INFRASTRUCTURE

REQUEST FOR QUALIFICATIONS

ON-CALL PROFESSIONAL SERVICES
FOR
WATERWAY RESILIENCY PROGRAM STAFF
AUGMENTATION & OWNER ADVISOR SERVICES

DATE OF ISSUANCE: September 21, 2023
SOLICITATION NO. 202369871



<u>Anticipated RFQ Schedule</u>	
September 21	Ad
October 6	Pre-Submittal Meeting
October 13	Questions Submittal Deadline
October 19	City Response to Questions Due
November 2	RFQ Submittals Due
<i>Shortlist Notification and Interviews</i>	
Mid/Late November	Shortlist Notification
Early December	Interviews
<i>Selection Committee review & decision</i>	
December	Notice of Selection
<i>Contract Execution & 1st Task Order</i>	
Contract Execution	Q1 2024
1 st Task Order NTP	Late Q1 2024



Primes: if prime on Staff Aug/Owner Advisor, will be precluded from alternative delivery procurement

- Staggered procurements so if unsuccessful with staff aug/owner advisor likely able to pursue future opportunities

Subs: case dependent based on scope and scale of involvement

General rule: Firms are expected to disclose any concerns about potential or perceived conflicts of interest based on prior or current work with the City and/or related to this project so that the City can assess COI following standard processes

Procuring federally compliant contracts



Cindy Ackerman is the administrator of the RFQ process for this solicitation and can be reached at DOTI.Procurement@denvergov.org.

Attendance sheet from this meeting will be posted on www.work4denver.com.

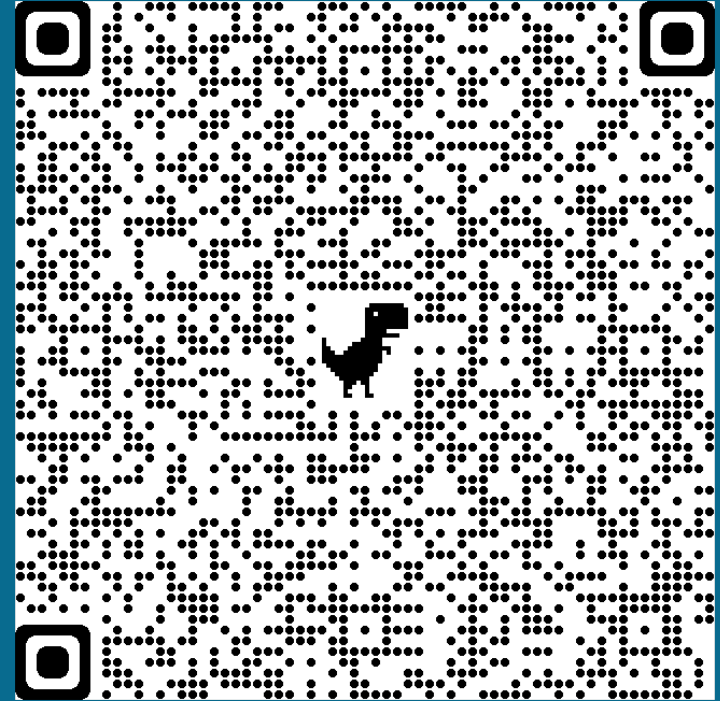


Thank you!

Waterway Resiliency Program Pre-
Submittal Meeting



Sign-In QR Code



DENVERGOV.ORG/WATERWAYRESILIENCY

