

**SCOTTSDALE CITY COUNCIL  
REGULAR MEETING AND WORK STUDY SESSION MINUTES  
MONDAY, JULY 10, 2023**



**CITY HALL KIVA  
3939 N. DRINKWATER BOULEVARD  
SCOTTSDALE, AZ 85251**

**CALL TO ORDER**

Mayor David D. Ortega called to order a Regular Meeting and Work Study Session of the Scottsdale City Council at 5:07 P.M. on Monday, July 10, 2023 in the City Hall Kiva Forum.

**ROLL CALL**

Present: Mayor David D. Ortega; Vice Mayor Kathy Littlefield; and Councilmembers Tammy Caputi, Tom Durham, Barry Graham, Betty Janik, and Solange Whitehead

Also Present: City Manager Jim Thompson, City Attorney Sherry Scott, City Treasurer Sonia Andrews, Acting City Auditor Lai Cluff, and City Clerk Ben Lane

**PLEDGE OF ALLEGIANCE** – Councilmember Graham

**MAYOR'S REPORT**

Mayor Ortega asked for a moment of silent reflection for the people of Ukraine as they continue their fight for freedom and democracy.

Mayor Ortega read a proclamation to honor the City's "What Works Cities" Gold Certification, which is only held by 62 cities worldwide. It is a data-driven program that various departments in the City have participated in for many years.

**CITY MANAGER'S REPORT**

- **Fast Five Video Update**
- **Scottsdale History Hall of Fame Video – Scottsdale Airport**

City Manager Jim Thompson introduced a "Fast Five" video produced by the City Communication's Office which provided updates on several City events and offerings. He also introduced a video that recognized the Scottsdale Airport as part of the 28<sup>th</sup> Annual Scottsdale History Hall of Fame ceremony.

**NOTE:** MINUTES OF CITY COUNCIL MEETINGS AND WORK STUDY SESSIONS ARE PREPARED IN ACCORDANCE WITH THE PROVISIONS OF ARIZONA REVISED STATUTES. THESE MINUTES ARE INTENDED TO BE AN ACCURATE REFLECTION OF ACTION TAKEN AND DIRECTION GIVEN BY THE CITY COUNCIL AND ARE NOT VERBATIM TRANSCRIPTS. DIGITAL RECORDINGS AND CLOSED CAPTION TRANSCRIPTS OF SCOTTSDALE CITY COUNCIL MEETINGS ARE AVAILABLE ONLINE AND ARE ON FILE IN THE CITY CLERK'S OFFICE.

**PUBLIC COMMENT** - None

## **MINUTES**

**Request:** Approve the following Council meeting minutes from June 2023:

- a. Regular Meeting Minutes of June 13, 2023
- b. Special Meeting Minutes of June 13, 2023

## **MOTION AND VOTE – MINUTES**

Vice Mayor Littlefield made a motion to approve the Regular Meeting Minutes of June 13, 2023 and Special Meeting Minutes of June 13, 2023. Councilmember Graham seconded the motion, which carried 7/0, with Mayor Ortega; Vice Mayor Littlefield; and Councilmembers Caputi, Durham, Graham, Janik, and Whitehead voting in the affirmative.

## **CONSENT AGENDA**

There was no public comment on the Consent Agenda.

Councilmembers Graham and Janik requested additional information on Item 2 [Tournament Players Club (TPC) Golf Course 36" Gravity Sewer Engineering Services Contract] [City Engineer Alison Tymkiw gave a PowerPoint presentation (attached)] and Item 12 [Arizona Canal Bank Improvements Capital Improvement Plan (CIP) Budget Appropriation and Cash Transfers] [City Engineer Alison Tymkiw gave a PowerPoint presentation (attached)]. Additionally, Councilmember Graham requested additional information on Item 7 [Scottsdale Airport Lease Agreement] [Aviation Director Gary Mascaro gave a presentation].

### **1. Kaufax Residence Abandonment (3-AB-2022)**

**Request:** Adopt **Resolution No. 12749** authorizing the abandonment of portions of No. 69<sup>th</sup> Street, E. Mark Lane, and N. 70<sup>th</sup> Street, adjacent to Parcel Nos. 216-68-099-A, 216-68-097A, 216-68-099B, and 216-68-097B with Single-Family Residential, Environmentally Sensitive Lands, Foothills Overlay (R1-70/ESL/FO) zoning designation.

**Location:** 28357 and 28221 N. 69<sup>th</sup> Street; 28228 and 28212 N. 70<sup>th</sup> Street

**Staff Contact(s):** Erin Perreault, Planning, Economic Development, and Tourism Executive Director, 480-312-7093, [eperreault@scottsdaleaz.gov](mailto:eperreault@scottsdaleaz.gov)

### **2. Tournament Players Club (TPC) Golf Course 36" Gravity Sewer Engineering Services Contract**

**Request:** Adopt **Resolution No. 12849** authorizing Engineering Services Contract No. 2023-079-COS with GHD, Inc., in the amount of \$1,347,899, for the development of design documents for the TPC 36" gravity sewer.

**Staff Contact(s):** Dan Worth, Public Works Director, 480-312-5555, [daworth@scottsdaleaz.gov](mailto:daworth@scottsdaleaz.gov)

### **3. Granite Reef Wash – Phase 2B Engineering Services Contract**

**Request:** Adopt **Resolution No. 12802** authorizing Engineering Services Contract No. 2023-054-COS with Kimley-Horn, Inc., in the amount of \$1,636,335, for design engineering services for the Granite Reef Wash – Phase 2B.

**Staff Contact(s):** Dan Worth, Public Works Director, 480-312-5555, [daworth@scottsdaleaz.gov](mailto:daworth@scottsdaleaz.gov)

**4. Paiute Park Bathrooms Replacement Project Construction Bid**

**Request:** Adopt **Resolution No. 12853** to authorize:

1. Construction Bid Award No. IFB-092022-021 with EDGE Construction, LLC, the lowest responsive bidder, in the amount of \$829,000, for construction services for the Paiute Park restroom project.
2. A Fiscal Year 2023/24 Budget Transfer, of up to \$120,000, from the adopted Community Services Division, Community Development Block Grant (CDBG) Fund Operating Budget to the Paiute Park Bathrooms (PI09) Capital Improvement Project (CIP) to be funded by the CIP CDBG Fund.

**Locations:** 3210 N. 66<sup>th</sup> Street

**Staff Contact(s):** Dan Worth, Public Works Director, 480-312-5555,  
[daworth@scottsdaleaz.gov](mailto:daworth@scottsdaleaz.gov)

**5. Scottsdale Airport Perimeter Road Improvements Project Construction Bid**

**Request:** Adopt **Resolution No. 12858** to authorize:

1. Construction Bid Award No. IFB-032023-071 with J. Banicki Construction, Inc., including the base bid and adding alternate bids 1 and 2, in the amount of \$1,212,134.50, for construction services in connection with the Airport Perimeter Road Improvements Project.
2. A Fiscal Year 2023/24 Appropriation Contingency Transfer, of up to \$650,000, from the Airport Future Grants Contingency (ZB53) to the Airport Perimeter Road Construction (AI03) capital project to be funded by the Operating Aviation Fund undesignated, unreserved ending fund balance.
3. A Fiscal Year 2023/24 Cash Transfer, of up to \$650,000, from the Operating Aviation Fund undesignated, unreserved ending fund balance to the Airport Perimeter Road Construction (AI03) capital project.

**Location:** 15000 N. Airport Drive

**Staff Contact(s):** Gary Mascaro, Aviation Director, 480-312-7735,  
[gmascaro@scottsdaleaz.gov](mailto:gmascaro@scottsdaleaz.gov)

**6. Scottsdale Airport Drive Improvements Project Construction Bid**

**Request:** Adopt **Resolution No. 12876** to authorize:

1. Construction Bid Award No. IFB-032023-074 with J. Banicki Construction, Inc., the lowest responsive bidder, in the amount of \$901,015.55, for construction services in connection with the Airport Drive Improvements project.
2. A Fiscal Year 2023/24 Appropriation Contingency Transfer, of up to \$125,000, from the Airport Match Contingency (ZB52) to the Rehabilitate Airport Drive (AJ02) capital project to be funded by the Operating Aviation Fund undesignated, unreserved ending fund balance.
3. A Fiscal Year 2023/24 Cash Transfer, of up to \$125,000, from the Operating Aviation Fund undesignated, unreserved ending fund balance to the Rehabilitate Airport Drive (AJ02) capital project

**Location:** 15000 N. Airport Drive

**Staff Contact(s):** Gary Mascaro, Aviation Director, 480-312-7735,  
[gmascaro@scottsdaleaz.gov](mailto:gmascaro@scottsdaleaz.gov)

**7. Scottsdale Airport Lease Agreement**

**Request:** Adopt **Resolution No. 12859** authorizing Lease Agreement No. 2023-087-COS-LA with Aerobat Ventures, LLC for the lease of North General Aviation Box Hangar Space at the Scottsdale Airport.

**Staff Contact(s):** Gary Mascaro, Aviation Director, 480-312-7735,  
[gmascaro@scottsdaleaz.gov](mailto:gmascaro@scottsdaleaz.gov)

**8. Library Assistance Program Intergovernmental Agreement**

**Request:** Adopt **Resolution No. 12869** to authorize:

1. Agreement No. 2023-087-COS-IGA with the Maricopa County Library District for the Library Assistance Program.
2. The Library Director, or designee, as an agent of the City, to accept new library materials, valued at up to \$463,478, from the Maricopa County Library District's Library Assistance Program for Fiscal Year 2023/24, as stipulated in Intergovernmental Agreement No. 2023-087-COS, and take such other actions as necessary to carry out the intent of this Resolution.

**Staff Contact(s):** Melissa Orr, Interim Library Director, 480-312-2165, [morr@scottsdaleaz.gov](mailto:morr@scottsdaleaz.gov)

**9. Historic Old Town Festoon Lighting Funding**

**Request:** Adopt **Resolution No. 12889** authorizing a Fiscal Year 2023/24 Tourism Development Fund Operating Contingency transfer, in the amount of \$206,720, to the Old Town Streetlight Replacements (SI05) Capital Improvement Project to be funded by the Tourism Development Fund.

**Staff Contact(s):** Karen Churchard, Tourism and Events Director, 480-312-2890, [kchurchard@scottsdaleaz.gov](mailto:kchurchard@scottsdaleaz.gov)

**10. Infrastructure Reimbursement Agreement**

**Request:** Adopt **Resolution No. 12854** to authorize:

1. Infrastructure Reimbursement Agreement No. 2023-084-COS with CND-Preserve Ranch, LLC, doing business as David Weekley Homes, for cost reimbursement, in the estimated amount of \$2,248,375, to design and construct a portion of Infrastructure Improvement Plan (IIP) project IIP-012 (128<sup>th</sup> Street Water Transmission Mains).
2. The City Manager, or designee, to execute any such documents and take any such other actions as necessary to carry out the intent of this Resolution and Agreement.

**Staff Contact(s):** Brian Biesemeyer, Water Resources Executive Director, 480-312-5683, [bbiesemeyer@scottsdaleaz.gov](mailto:bbiesemeyer@scottsdaleaz.gov)

**11. Salt River Project – Central Arizona Project (SRP-CAP) Interconnection Facility Cost-Sharing Agreement**

**Request:** Adopt **Resolution No. 12886** to authorize:

1. Agreement No. 2023-120-COS with the Salt River Project Agricultural Improvement and Power District (SRP) and cost-share partners for the technical review of the proposed SRP-CAP Interconnection Facility.

**Staff Contact(s):** Brian Biesemeyer, Water Resources Executive Director, 480-312-5683, [bbiesemeyer@scottsdaleaz.gov](mailto:bbiesemeyer@scottsdaleaz.gov)

**12. Arizona Canal Bank Improvements Capital Improvement Plan (CIP) Budget Appropriation and Cash Transfers**

**Request:** Adopt **Resolution No. 12885** to authorize:

1. A Fiscal Year 2023/24 Old Town Improvements Capital Contingency Budget Appropriation Transfer, of up to \$1,600,000, to a newly created CIP project to be titled "Arizona Canal Bank Improvements" to be funded by the Downtown Cultural Trust Operating Fund and Old Town/Downtown Special Improvements CIP Fund.
2. A Fiscal Year 2023/24 Cash Transfer, of up to \$900,000, from the Downtown Cultural Trust Operating Fund, and up to \$700,000, from the Old Town/Downtown Special Improvement CIP Fund to the Arizona Canal Bank Improvements project.

**Staff Contact(s):** Dan Worth, Public Works Director, 480-312-5555, [daworth@scottsdaleaz.gov](mailto:daworth@scottsdaleaz.gov) and Judy Doyle, Budget Director, 480-312-2603, [jdoyle@scottsdaleaz.gov](mailto:jdoyle@scottsdaleaz.gov)



## **MOTION AND VOTE – CONSENT AGENDA**

Councilwoman Janik made a motion to approve Consent Agenda Items 1 through 12. Vice Mayor Littlefield seconded the motion, which carried 7/0, with Mayor Ortega; Vice Mayor Littlefield; and Councilmembers Caputi, Durham, Graham, Janik, and Whitehead voting in the affirmative.

## **REGULAR AGENDA**

### **13. Care Homes Text Amendment (1-TA-2022)**

**Request:** Adopt **Ordinance No. 4590** to amend the City of Scottsdale Zoning Ordinance (Ordinance No. 455) for the purpose of amending Article I, Section 1.806 (Disability Accommodation); Article I, Section 1.920 (Request for Disability Accommodation); Article III, Section 3.100 (Definitions); Article V, Section 5.012 (Single-Family Residential, R1-190 – Use Regulations); and Article V, Section 5.102 (Single-Family Residential, R1-43 – Use Regulations) to clarify what constitutes a care home and modify the process and criteria for obtaining a disability accommodation.

**Presenter(s):** Greg Bloemberg, Principal Planner

**Staff Contact(s):** Erin Perreault, Planning, Economic Development, and Tourism Executive Director, 480-312-7093, [eperreault@scottsdaleaz.gov](mailto:eperreault@scottsdaleaz.gov)

## **MOTION AND VOTE – ITEM 13**

Councilmember Graham made a motion to grant the staff's request for a continuance to a date to be determined. Councilwoman Janik seconded the motion, which carried 7/0, with Mayor Ortega; Vice Mayor Littlefield; and Councilmembers Caputi, Durham, Graham, Janik, and Whitehead voting in the affirmative.

### **14. Water Conservation Code Amendment**

**Request:** Adopt **Ordinance No. 4606** amending Scottsdale Revised Code, Chapter 49, Water, Sewers, and Sewage Disposal, Article VII and Division 1, Water Conservation, by adding Section 49-248, Limitation on water intensive landscape/turf areas on new Single-Family Residential homes, to limit water intensive landscapes/turf areas on new single-family residential homes to rear yards only.

**Presenter(s):** Brian Biesemeyer, Water Resources Executive Director and Gretchen Baumgardner, Water Policy Manager

**Staff Contact(s):** Brian Biesemeyer, Water Resources Executive Director, 480-312-5683, [bbiesemeyer@scottsdaleaz.gov](mailto:bbiesemeyer@scottsdaleaz.gov)

Water Policy Manager Gretchen Baumgardner gave a PowerPoint presentation (attached) on the proposed water conservation code amendment.

There was no public comment on Item 14.

## **MOTION AND VOTE – ITEM 14**

Councilwoman Whitehead made a motion to adopt Ordinance No. 4606. Mayor Ortega seconded the motion, which carried 7/0, with Mayor Ortega; Vice Mayor Littlefield; and Councilmembers Caputi, Durham, Graham, Janik, and Whitehead voting in the affirmative.

**15. Water and Wastewater Infrastructure Improvement Plan Amendment and Water and Wastewater Development Fees Code Amendment**

**Requests:**

1. Adopt **Resolution No. 12871** authorizing a minor amendment to the Infrastructure Improvement Plan adopted in July 2021 to increase certain project costs based on updated engineering estimates; and declaring the amendment to be a public record.
2. Adopt **Ordinance No. 4603** authorizing the newly modified Water and Wastewater Development Fees and amendments to Scottsdale Revised Code, Chapter 49, Water, Sewer, and Sewage Disposal, Article III, Water and Wastewater Development Fees, Section 49-82, Collection of Development Fees, with new fees effective 30 days after adoption of this Ordinance.

**Presenter(s):** Brian Biesemeyer, Water Resources Executive Director

**Staff Contact(s):** Brian Biesemeyer, Water Resources Executive Director, 480-312-5683, [bbiesemeyer@scottsdaleaz.gov](mailto:bbiesemeyer@scottsdaleaz.gov)

Water Resources Executive Director Brian Biesemeyer gave a PowerPoint presentation (attached) on the water and wastewater infrastructure improvement plan amendment and water and wastewater development fees code amendment.

There was no public comment on Item 15.

**MOTION AND VOTE – ITEM 15**

Councilwoman Whitehead made a motion to adopt Resolution No. 12871 and Ordinance No. 4603. Councilmember Durham seconded the motion, which carried 7/0, with Mayor Ortega; Vice Mayor Littlefield; and Councilmembers Caputi, Durham, Graham, Janik, and Whitehead voting in the affirmative.

**PUBLIC COMMENT – None**

**CITIZEN PETITIONS**

**16. Receipt of Citizen Petitions**

**Request:** Accept and acknowledge receipt of citizen petitions. Any member of the Council may make a motion, to be voted on by the Council, to: (1) Direct the City Manager to agendaize the petition for further discussion; (2) direct the City Manager to investigate the matter and prepare a written response to the Council, with a copy to the petitioner; or (3) take no action.

**Staff Contact(s):** Ben Lane, City Clerk, 480-312-2411, [blane@scottsdaleaz.gov](mailto:blane@scottsdaleaz.gov)

No citizen petitions were received.

## WORK STUDY SESSION

### PUBLIC COMMENT

- Scottsdale Environmental Advisory Commission Vice Chair Natalie Chrisman Lazarr spoke in support of revisions made to the scope and framework of the Sustainability Plan, endorsed incorporation of the net zero energy strategic plan, and engagement of the community.
- Scottsdale Environmental Advisory Commissioner Andrew Scheck expressed support for the Sustainability Plan and proposed taking aggressive steps to make a significant difference in lowering temperatures, lessening drought conditions, and improving air quality.
- Scottsdale resident Dan Ishac suggested three significant changes to the Sustainability Plan: simplify the language and focus on energy water and waste; eliminate the secondary and tertiary goals and activities; and include benchmarking/measurements, including a cost-benefit analysis.

#### 1. **Sustainability, Net Zero Energy, and Heat Mitigation Plans Update**

**Request:** Presentation, discussion, and possible direction to staff regarding the development of the Community Sustainability, Net Zero Energy, and Heat Mitigation Plans.

**Presenter(s):** Lisa McNeilly, Sustainability Director

**Staff Contact(s):** Erin Perreault, Planning, Economic Development, and Tourism Executive Director, 480-312-7093, [eperreault@scottsdaleaz.gov](mailto:eperreault@scottsdaleaz.gov)

Sustainability Director Lisa McNeilly gave a PowerPoint presentation (attached) on the sustainability, net zero energy, and heat mitigation plans.

There was consensus by the Council on the following:

- Focus on these pathways: energy, heat, air quality, water, and waste.
- Use narratives that will tell a story about why sustainability is important as it explains the “what, why, when, where and how” that is necessary to establish an understanding of the situation and the importance of addressing it.
- Avoid repetition of items already discussed in other documents, such as the General Plan.
- Need to conduct community outreach to obtain support for the Sustainability Plan.

Councilmembers made the following suggestions:

- Use simple or plain language instead of focusing on priorities, strategies, actions, and flowcharts.
- Use examples focusing on children and pets in the narratives.
- Every section of the Sustainability Plan should have an educational component.
- Provide data for quantitative results rather than qualitative results.
- Identify future goals for one year, two years, three years, five years, 10 years, 20 years, and 50 years.
- In any type of return-on-investment analysis, need to factor in quality of life in addition to the financial component.
- Continue focusing on priorities, strategies, actions, and flowcharts.
- Identify potential obstacles related to plan implementation and determine methods for addressing these obstacles.
- Focus on the urgent issues and identify key indicators to assess baseline conditions and monitor progress.

- Incorporate the engagement and education strategies and actions within each priority with citizens, the Scottsdale Environmental Advisory Commission, and other community groups.
- Invest in creating a digital platform that facilitates dynamic modeling and future projections.
- Be mindful of the implementation timeline and do not let perfection stand in the way of progress.
- Include benefits provided by treating wastewater for potability purposes; increasing covered walkways; encouraging light-colored roofs; and avoiding water overspray from sprinklers.
- The General Plan 2035 is an aspirational document supported by separate plans, such as the Transportation Action Plan, Character Area Plans, and Drought Management Plan that are regularly updated. It is important to adopt a Sustainability Plan that will also be regularly updated and support the General Plan 2035.

### **MOTION AND VOTE – ADJOURNMENT**

Councilmember Graham made a motion to adjourn the Regular Meeting and Work Study Session. Councilwoman Janik seconded the motion, which carried 7/0, with Mayor Ortega; Vice Mayor Littlefield; and Councilmembers Caputi, Durham, Graham, Janik, and Whitehead voting in the affirmative.

### **ADJOURNMENT**

Mayor Ortega adjourned the Regular Meeting and Work Study Session at 7:38 P.M.

### **SUBMITTED BY:**



**Ben Lane, City Clerk**

Officially approved by the City Council on August 22, 2023

## CERTIFICATE

I hereby certify that the foregoing Minutes are a true and correct copy of the Minutes of the Regular Meeting and Work Study Session of the City Council of Scottsdale, Arizona, held on the 10<sup>th</sup> day of July 2023.

I further certify that the meeting was duly called and held, and that a quorum was present.

**DATED** this 22<sup>nd</sup> day of August 2023.

A handwritten signature in blue ink that reads "Ben Lane". The signature is written in a cursive style with a large initial "B".

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Ben Lane, City Clerk

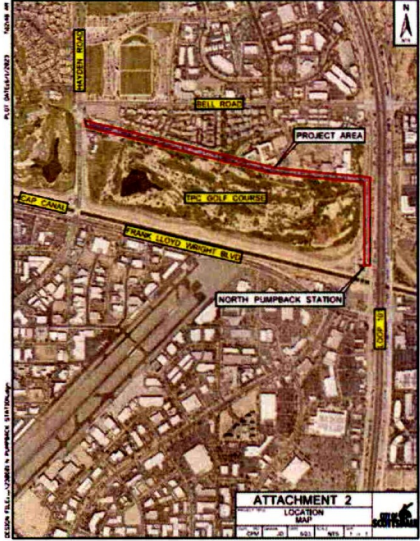
# Item #2: Authorize Engineering Services Contract for the design of the TPC Golf Course 36-inch gravity sewer

Adopt Resolution No. 12849 to authorize:

- Engineering Services Contract 2023-079-COS with GHD, Inc., in an amount not to exceed \$1,347,899 for engineering services for the TPC Golf Course 36-inch gravity sewer design

## Project Description:

- The purpose of this action is to authorize an engineering services contract for the development of preliminary assessments, complete design and construction documents for the installation of a new gravity sewer to serve new development north of the Tournament Players Club (TPC) golf course and the airpark area.
- The new sewer includes two segments:
  - The first segment includes approximately 4,500-ft of 36-inch sewer through the northern portion of the Champions golf course and across the Central Arizona Project (CAP) earth embankment at Pima Road.
  - The second segment will include approximately 1,500-ft of 48-inch sewer from the embankment crossing, and south down Pima Road to the existing North Pump Back (NPB) facility.





**Questions?**

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## Item #12: Adopt Resolution No. 12885 authorizing FY 2023/24 Budget Appropriation and Cash Transfers for newly created Arizona Canal Bank Improvements Capital Improvement Plan (CIP) project

Adopt Resolution No. 12885 to authorize:

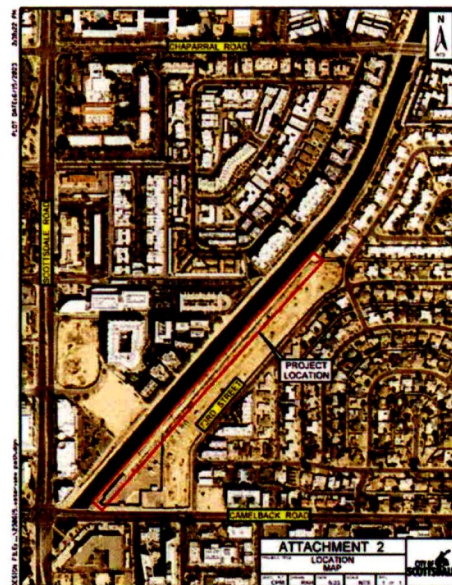
1. A FY 2023/24 Old Town Improvements Capital Contingency Budget Appropriation transfer of up to \$1,600,000 to a newly created CIP project to be titled Arizona Canal Bank Improvements to be funded by the Downtown Cultural Trust Operating Fund and Old Town/Downtown Special Improvements CIP Fund.
2. A FY 2023/24 cash transfer of up to \$900,000 from the Downtown Cultural Trust Operating Fund to the Arizona Canal Bank CIP Project and up to \$700,000 from the Old Town/Downtown Special Improvements CIP Fund to the Arizona Canal Bank CIP Project

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### Project Description:

- On June 21, 2016, as part of the WaterView Mixed Use Development case (19-ZN-2015), the City Council approved a development agreement (Contract No. 2016-064-COS), and both the zoning case stipulations and the development agreement identify two projects to be funded in part by the developer's required Cultural Improvements Program contributions. These two projects are the Arizona Canal Bank Improvements and the Canal Bridge.
- This action addresses the first project (Arizona Canal Bank Improvements), as this is associated with Phase 1 of the adjacent development project, the WaterView Apartments.
- The second project, the Canal Bridge, is more closely associated with Phase 2 of the development project. Additional Cultural Improvement Program contributions will be made at the time of the development of Phase 2.



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**Questions?**

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## Limitation on Water Intensive/turf Landscape for NEW Single Family Residential home in front yards



July 10<sup>th</sup>, 2023



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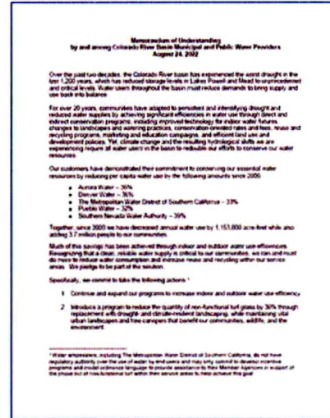
## Agenda

- October 2022 Colorado River Basin MOU
- Commitments associated with the MOU
- April 2023 Presentation to council on several additional water conservation conceptual initiatives
- Survey
- Recommendation

2

## The MOU calls for the following commitments:

- Continue and expand our programs to increase indoor and outdoor water use efficiency.
- Introduce a program to reduce the quantity of non-functional turf grass by 30% through replacement with drought- and climate-resilient landscaping.
- Increase water reuse and recycling programs.



3

## To support this commitment of and further a water conservation culture

- A survey was prepared and sent out to Scottsdale Water customers on June 15<sup>th</sup>.
- One of the questions asked was about a prohibition of grass (turf) in the front yards of new homes.
- The response to the survey was overwhelming supportive with 86% in support of this initiative.



4



## Single Family Residential New builds

- Ordinance 4606 would limit turf (grass) on Single-Family Residential homes built or permitted after August 15, 2023, to rear/side yards.

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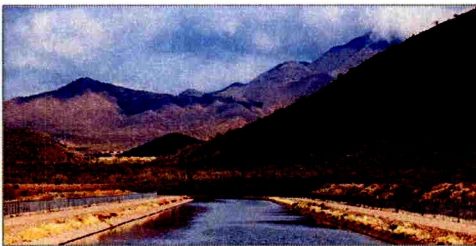
### **Staff Recommends:**

**Adopt Ordinance No. 4606** an ordinance of the council of the City of Scottsdale to approve amendment to Chapter 49. "Water, Sewer & Sewage Disposal" of the Scottsdale revised code by adding section 49-248 to limit Water intensive Landscape/turf areas on New Single-Family Residential homes to rear yard only.

6

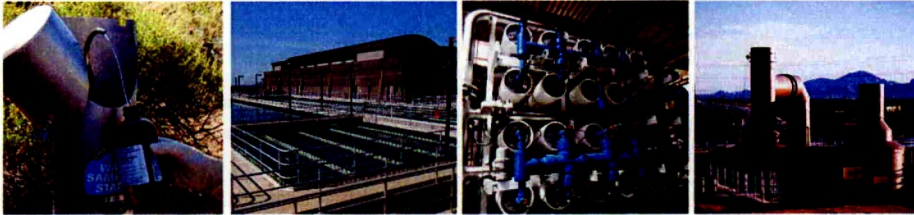


# THANK YOU



July 10, 2023

## Development Fees For Water and Wastewater Minor Amendment



Brian K. Biesemeyer, PE  
Scottsdale Water Executive Director



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### **Development Fees**

- Development Fees are one-time fees charged to offset costs associated with providing necessary public services to a new development
- Development Fees must result in a beneficial use to the development
- Scottsdale has adopted only water and wastewater Development fees

2

## Development Fee Process

- Process is set by State Law
- Major components include:
  - Land Use Assumptions Report
  - Infrastructure Improvement Plan (IIP)
  - Development Fee Report
- Full process takes 12 – 18 months
- Minor Amendment:
  - An abbreviated process which amends IIP
  - Allows only for cost increase up to 5%

3

## Growth Project Updates

	Original IIP	Amended IIP	\$Change	%Change
Total Water Project Updates	\$203,203,000	\$280,613,000	\$77,410,000	38.1%
Total Wastewater Project Updates	\$80,793,000	\$137,776,000	\$56,983,000	70.5%

4

## Enterprise – Water Resources Capital Cost Increase

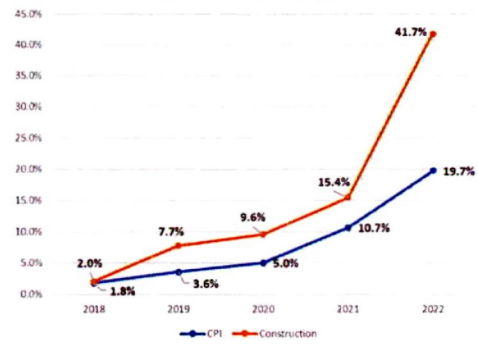
Overall Construction – 7.8% per year since 2018

Electrical gear (transformers/regulators) – 30.7%  
(2021 – 2022)

AC equipment – 23.4% (2021 – 2022)

Plastic Construction Products – 17.9% (2021 –  
2022)

CPI and Construction relative  
to Jan 2018  
September values



Note: Bureau of Labor Statistics as published in October 2022

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## Minor Modification of Development Fees

Full Development Fee Update	Minor Modification of Development Fees	
Notice of Intention to Assess Development Fees		
	Notice of IIP Update	June 1, 2023
Public Hearing on IIP and LUA		
Request City Council to adopt IIP <b>and</b> LUA	Request City Council to adopt <b>amended IIP</b>	July 10, 2023
Public Hearing on Development Fee Report		
Request City Council to adopt new Development Fees	Request City Council to adopt <b>amended IIP and</b> new Development Fees	July 10, 2023
New Development Fees become effective 75 days after adoption	New Development Fees become effective <b>30</b> days after adoption	August 10, 2023

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## Current and Proposed Development Fees

Meter Type*	Current Development Fees			Proposed Development Fees		
	Water	Wastewater	Total	Water	Wastewater	Total
5/8, 3/4, and 1 Inch	\$4,765	\$2,568	\$7,333	\$5,003	\$2,696	\$7,699
1 1/2 Inch	\$23,825	\$12,840	\$36,665	\$25,016	\$13,482	\$38,498
2 Inch	\$38,120	\$20,544	\$58,664	\$40,026	\$21,571	\$61,597
3 Inch Compound	\$83,388	\$44,940	\$128,328	\$87,557	\$47,187	\$134,744
3 Inch Turbine	\$103,877	\$55,982	\$159,859	\$109,070	\$58,781	\$167,851
4 Inch Compound	\$142,950	\$77,040	\$219,990	\$150,097	\$80,892	\$230,989
4 Inch Turbine	\$178,688	\$96,300	\$274,988	\$187,622	\$101,115	\$288,737
6 Inch Compound	\$321,638	\$173,340	\$494,978	\$337,719	\$182,007	\$519,726
6 Inch Turbine	\$381,200	\$205,440	\$586,640	\$400,260	\$215,712	\$615,972

\*FOR METERS LARGER THAN 6 INCHES, THE DEVELOPMENT FEES WILL BE BASED ON THE NUMBER OF EQUIVALENT DEMAND UNITS ASSOCIATED WITH THE AVERAGE DAILY DEMANDS FOR THE PROPOSED DEVELOPMENT, AS DETERMINED BY THE WATER RESOURCES DIVISION.

7

## Request

- **Adopt Resolution No. 12871**, amending the Infrastructure Improvement Plan adopted in July 2021 to increase certain project costs based on updated engineering estimates.
  
- **Adopt Ordinance No. 4603**, authorizing the newly modified Water and Wastewater Development Fees and amendments to Scottsdale Revised Code Chapter 49, Water, Sewers, and Sewage Disposal, Article III. – Water and Wastewater Development Fees Section 49-82, with new fees effective 30 days after adoption.

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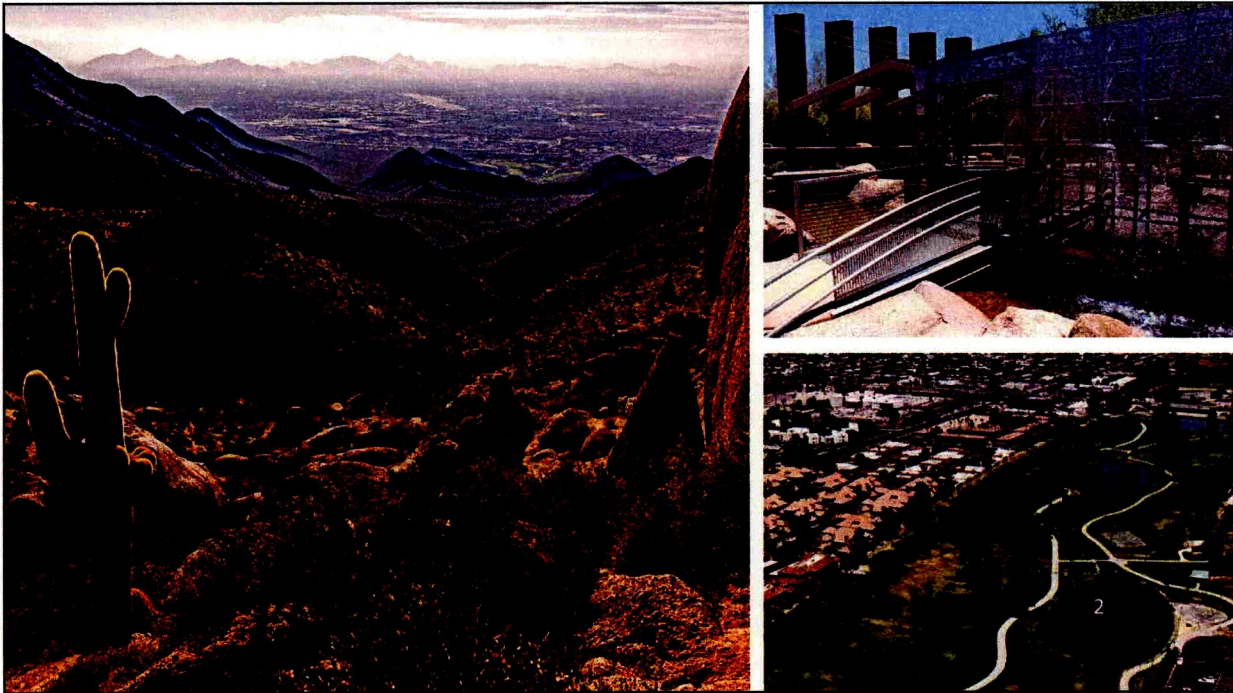
# Work Study Item 1

**Sustainability, Net Zero Energy,  
and Heat Mitigation Plans**

**Work Study Session – July 10, 2023**

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# Sustainability and Net Zero Energy Plans

## Sustainability Plan: Background

### 2. SUSTAINABILITY & ENVIRONMENT



#### INTRODUCTION

Scottsdale embraces environmental conservation and ample access to our magnificent open spaces. The community's cognitive, natural and environmental features contribute significantly to quality of life and economic vitality. As stewards of the natural environment, community members commit to preserving the Sonoran Desert ecosystem, protecting biodiversity, and managing natural resources and open spaces to ensure the city remains a beautiful and enjoyable place.

Much of Scottsdale's reputation is built on creative solutions to a wide environmental challenge: the need for flood control in the southern part of the community because the world-renowned Indian Bend Wash Creekbed. The desire to preserve the natural beauty and landforms of the Sonoran Desert while protecting people and property from hazardous conditions resulted in the Environmental Sensitive Lands and Native Plant Conservation and the Scottsdale McDowell Sonoran Preserve. The Open Space Program was created to promote more sustainable living and reduce the environmental impacts of development.

Scottsdale also provides an exemplary open space system, which contributes to an exceptional quality of life and visitor experience. A large proportion of the city will remain a natural open space through existing dedicated lands: Open Space (OS) within Environmental Sensitive Lands District (ESLD) areas and through other initiatives. In established areas, a network of parks, scenic and vista corridors, paths, and trails provide access to nature, recreation opportunities, ecological benefits, and beauty. As the city moves to build out almost half of all land in Scottsdale will be dedicated as open space and contribute to the regional system of over 4,700 square miles of open space.

Scottsdale's population has steadily increased while the opportunity to create open space and preserve environmental resources has diminished. The city will need to acquire and create

Experience. Liberty. Prosperity. Character.

#### 2022 ORGANIZATION STRATEGIC PLAN

These objectives were prioritized by City Council on June 1, 2022 and are grouped by strategic goal. The "W" annotations are taken from the Community Values outlined in the Scottsdale General Plan 2025. Progress updates will be provided online at [scottsdaleaz.gov/search/priorities](https://www.scottsdaleaz.gov/search/priorities).

##### Support Character and Culture

- To research and attract artists that accommodate a variety of open art locations and support the arts and multi-cultural traditions, update and expand the public art ordinance, policies, and procedures by Dec. 31, 2022. *Kevin Chiswick, tourism and events director, 480-312-2800*

- To enhance and protect Scottsdale's neighborhood identity, character and beauty through appropriate land uses and high standards for design, review existing and planned character areas and identify a timeline for developing one or several existing plans by Dec. 31, 2022. *John Farnsworth, utility planning, view, air and tourism operations director, 480-312-7933*

##### Conserve and Preserve the Environment

- To lead the region in the stewardship and sustainable management of the Sonoran Desert environment, modernize public contracts, adopt a sustainability plan, and culture a local adaptation plan based on the Guide Scottsdale study by Dec. 31, 2022. *Eric McMill, sustainability director, 480-312-2831*

- To lead the region in the stewardship and sustainable management of the Sonoran Desert environment, update the integrated water resources master plan to ensure we have a long-term solution to manage Scottsdale's water resources by Dec. 31, 2022. *John Farnsworth, utility planning, view, air and tourism operations director, 480-312-7933*

##### Public-Well-Being

- To provide a culture of community safety, wellness and well-being for residents, visitors, employees, and employees, review and plan revisions to the emergency management plan and program by Dec. 31, 2022. *Tim Farnsworth, utility planning, view, air and tourism operations director, 480-312-7933*

- To provide a culture of community safety, wellness and well-being for residents, visitors, employees, and employees, review and plan revisions to the emergency management plan and program by Dec. 31, 2022. *Tim Farnsworth, utility planning, view, air and tourism operations director, 480-312-7933*

##### Resilience Responsibility

- To support and maintain the vision, features and land identity that make Scottsdale special, evaluate and improve Scottsdale's neighborhood and conservation programs by Dec. 31, 2022. *John Farnsworth, utility planning, view, air and tourism operations director, 480-312-7933*

##### Advance Innovation and Prosperity

- To enhance a diverse and innovative economy to sustain our high quality of life, monitor and improve Scottsdale's economic development strategy plan by Dec. 31, 2022. *Bob Miller, economic development director, 480-312-7333*

Note: The strategic plan is a continuously evolving document. The more general Scottsdale General Plan 2025, the City Council and the Board of Directors will update this plan as the more detailed implementation plan is developed. This is the General Plan by City Council on June 1, 2022 and are grouped by strategic goal. The "W" annotations are taken from the Community Values outlined in the Scottsdale General Plan 2025. Progress updates will be provided online at [scottsdaleaz.gov/search/priorities](https://www.scottsdaleaz.gov/search/priorities).

#### 2022 ORGANIZATION STRATEGIC PLAN (2021-2022)

These objectives were prioritized by City Council on June 1, 2021 and are grouped by strategic goal. Additional objectives will be identified and accepted into the plan by the City Council as objectives are completed. Regular progress updates are provided on the online dashboard at [scottsdaleaz.gov/search/priorities](https://www.scottsdaleaz.gov/search/priorities).

##### Value Scottsdale's Unique Lifestyle and Character

- To research public trust and accountability, strengthen the ethics ordinance, regulations and training covering elected and appointed officials, staff, and city contractors, vendors, and consultants for adoption by March 31, 2022.

- To ensure bond 2019 construction projects are completed in a timely manner, monitor project design and construction through quarterly progress updates by Dec. 31, 2022.

##### Support Economic Vitality

- To improve quality and consistency of proposed development in Old Town Scottsdale, review and update the Old Town Character Area Plan with proposed changes to be adopted by the City Council by Dec. 31, 2022.

##### Enhance Neighborhoods

- To improve resident tranquility in Scottsdale neighborhoods, review existing group recommendations to improve street-level monitoring and enforcement and implement changes to reduce complaints by 50 percent by Dec. 31, 2021.

##### Preserve Meaningful Open Space

- To protect additional acres of Scottsdale's Sonoran Desert, prioritize potential additions to the Scottsdale McDowell Sonoran Preserve to determine acquisition options with available projected funds by Dec. 31, 2022.

- To bond future Scottsdale McDowell Sonoran Preserve maintenance needs, evaluate a potential maintenance bond, and explore funding options including the creation of a bond trust to fund future bond issues currently dedicated to the current bond acquisition which expires in 2025 by June 30, 2022.

##### Scottsdale Sustainability

- To promote environmentally sustainable practices for Scottsdale, work with community, the Environmental Advisory Commission and Arizona State University to develop and work on a Sustainability Plan to be adopted by the City Council by Dec. 31, 2022.

- To ensure long-term financial viability and world-class public safety professionals, identify strategies to provide stable funding for public safety, including funding for public safety personnel, training, staffing and other operational needs by June 30, 2022.

##### Advance Transportation

- To increase economic activity in Old Town for small business owners as well as viability for visitors, develop a program to temporarily close some streets into walk-only zones on weekdays per month by June 30, 2022.

Note: The strategic plan is a continuously evolving document. The more general Scottsdale General Plan 2025, the City Council and the Board of Directors will update this plan as the more detailed implementation plan is developed. This is the General Plan by City Council on June 1, 2021 and are grouped by strategic goal. The "W" annotations are taken from the Community Values outlined in the Scottsdale General Plan 2025. Progress updates will be provided online at [scottsdaleaz.gov/search/priorities](https://www.scottsdaleaz.gov/search/priorities).

## **Sustainability Plan: Timeline**

### 2021

- Work began with support of the Rob and Melani Walton Sustainability Solution Service (ASU)

### 2022

- August community meetings; input from Scottsdale Environmental Advisory Commission (SEAC); ASU submitted an initial draft of the plan
- City Council feedback and public input collected on a second draft at September Work Study Session; a third draft was released in October, with a second set of community meetings and an online survey
- Presentations to and input from other Boards and Commissions

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## **Sustainability Plan: Timeline (continued)**

### 2023

- Plan was updated in January as a framework for action, reflecting changes in response to public comment and SEAC input
- Council direction from March WSS included:
  - eliminating some elements
  - the need for baseline data to set concrete goals
  - work with SEAC and internal staff team
  - possible timeline discussed for next steps in plan development
  - other individual feedback
  - Work study session to confirm areas of agreement and timeline

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## Previous Framework (January 2023)

### Pathway One: Low Emissions and Climate Action

- Air Quality • Climate Planning • Energy • Mobility

### Pathway Two: Nature-Based

- Water Resources • Open Space & Land Management

### Pathway Three: Equitable Community

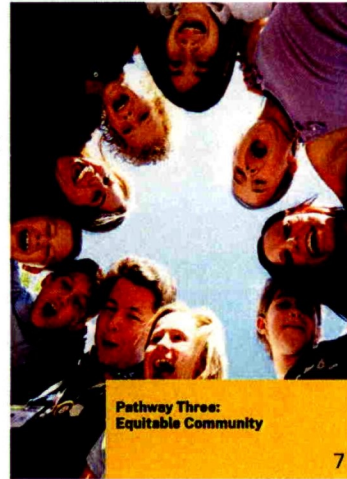
- Community Services • Character & Arts
- Economic Vitality • Education & Engagement

### Pathway Four: Resiliency

- Extreme Heat & Hazard Preparedness
- Built Environment & Housing • Smart City

### Pathway Five: Circular Systems

- Waste as a Resource • Food Systems



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## New, streamlined framework proposed

- Sustainable Community – also serves as Net Zero Energy Strategic Plan
- Resilient Community – focus on protecting resources and preparedness
- Thriving Community – support people and economic sustainability

### SUSTAINABLE COMMUNITY

- Maximize the use of renewable energy resources, energy efficiency, and responses to climate challenges – **Energy & Climate**.
- Integrate resource-efficient, sustainable practices in buildings and infrastructure to minimize resource use and enhance the diverse identity, features, and heritage of Scottsdale's Sonoran Desert character – **Built Environment**.
- Reduce contaminants and pollutants to improve air quality, protect community health, and support a well-designed transportation system – **Air Quality**.
- Develop a circular economy approach for materials management and effective citywide diversion of all waste streams – **Waste as a Resource**.

### RESILIENT COMMUNITY

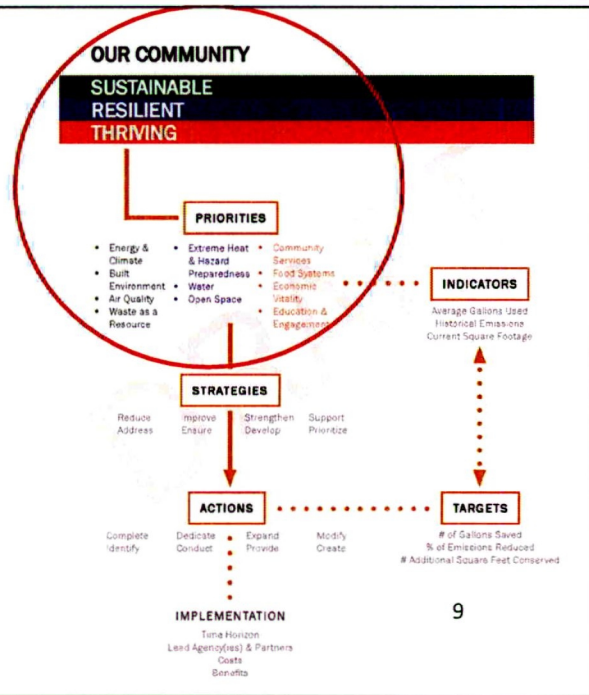
- Ensure that the community prevents, is prepared for, responds to and recovers from extreme heat and other natural hazards that diminish quality of life or impact the environment – **Extreme Heat & Hazard Preparedness**.
- Conserve, protect, and deliver quality drinking water safely and reliably to the community, now and into the future – **Water**.
- Create, protect, and expand vibrant, safe, and accessible open spaces and boost land use patterns that conserve resources – **Open Space**.

### THRIVING COMMUNITY

- Provide high-quality community programs, services, and facilities that protect the health, safety, and wellbeing of all residents – **Community Services**.
- Support sustainable food production and ensure access to fresh, healthy food sources – **Food Systems**.
- Embrace a diverse and innovative economy that reinforces sustainability and character, improves economic wellbeing, integrates technology, and continues as the premier Southwest tourism and special events destination – **Economic Vitality**.
- Proactively support sustainability and environmental education opportunities for all residents, especially in schools, and build connections between sustainability and the arts – **Education & Engagement**.

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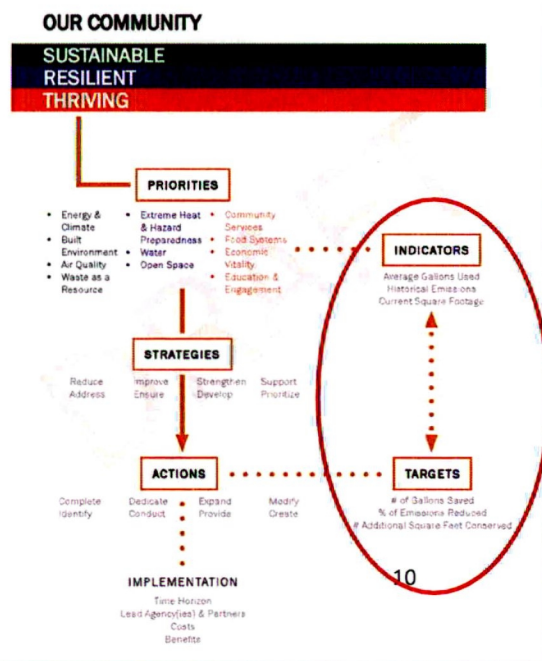
The **Three Pathways** of the Plan help us envision Scottsdale's future as a **Sustainable, Resilient, and Thriving** community. Consequently, **Priorities** related to each **Pathway** are established.



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Within each **Priority** are **Indicators, Targets, Strategies** and **Actions**.

**Indicators** allow baselines to be determined and progress to be measured. Thus, the **Indicators** are tied to specific **Targets** – further defining where we would like to be in the future.



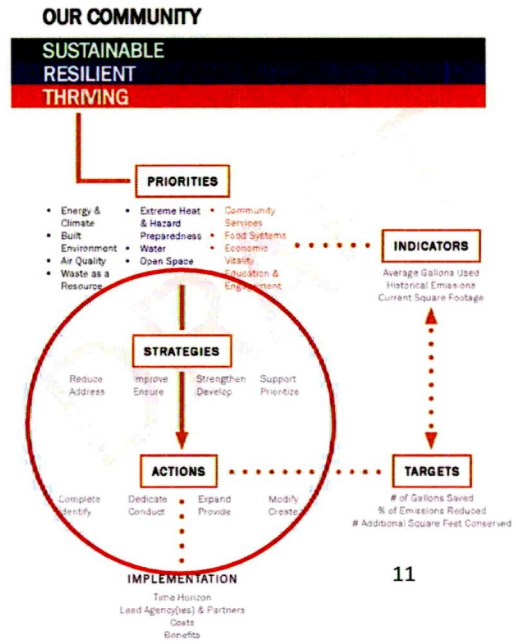
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**Strategies** are goal-oriented and provide general guidance to help us implement the **Priority**. They are carried out through specific **Actions**.

**Actions** provide specific direction to achieve the **Targets**.

By using the Sustainability Plan as a tool, Scottsdale can reach the **Targets** within each **Priority**, and thus become a stronger community – one that is **Sustainable, Resilient, and Thriving**.



## OUR COMMUNITY

**SUSTAINABLE  
RESILIENT  
THRIVING**

### PRIORITIES

- Energy & Climate
- Built Environment
- Air Quality
- Waste as a Resource
- **Extreme Heat & Hazard Preparedness**
- Water
- Open Space
- Community Services
- Food Systems
- Economic Vitality
- Education & Engagement

RESILIENT COMMUNITY ATTACHMENT 2

## EXTREME HEAT & HAZARD PREPAREDNESS

Ensure that the community prevents, is prepared for, responds to and recovers from extreme heat and other natural hazards that diminish quality of life or impact the environment.

Extreme heat already causes many deaths annually across the country, and heat and other natural hazards like flooding, drought, and wildfire are estimated to become more severe and frequent as the climate continues to warm. In 2020, Scottsdale partnered with Arizona State University to assess patterns of urban heat in the city. The result was Identifying Strategies for a Cooler Scottsdale, a study that provides a framework for heat mitigation and management efforts including tree planting and structured shade. Having been an early adopter of required landscaped parking and support for roadside and median landscaping, the city will focus additional resources to address the far-reaching impacts of heat on health, infrastructure, environment and economic wellbeing. The city will continue to prepare for all emergencies, with a focus on the segments of the population that are most vulnerable.

**INDICATORS**

- Percentage of urban tree & shrub canopy/cover
- Surface and night-time temperatures; track overall and by region
- Number and location of cooling centers; track amount of water distributed

**TARGETS**

- Increase percentage of tree & shrub canopy cover to xx% by 20y.
- Reduce surface and night-time temperatures
- Increase number of cooling centers

RESILIENT COMMUNITY ATTACHMENT 2

### BASELINE DATA

(1) Land Cover % – Trees and Shrubs 13%  
Year 2015

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Source: "Identifying Strategies for a Cooler Scottsdale," City of Scottsdale, June 2020

EXTREME HEAT & HAZARD PREPAREDNESS  
DRAFT - For Strategic Review and Discussion Only. Data Content will be updated.

EXTREME HEAT & HAZARD PREPAREDNESS  
DRAFT - For Strategic Review and Discussion Only. Data Content will be updated.

RESILIENT COMMUNITY ATTACHMENT 2

## STRATEGIES & ACTIONS

**STRATEGY HH 1**  
Reduce urban heat impacts.

**ACTIONS**

- HH 1.1 Prepare an Extreme Heat Strategic Action Plan and implement priority strategies.
- HH 1.2 Support private and public strategies to reduce the area of exposed dark asphalt, dark roofs and other hot surfaces.
- HH 1.3 Support code requirements for cool roofs for all new flat roof buildings and promote other cool infrastructure technologies.
- HH 1.4 Support code requirements for shading for 50% of site hardscape and minimize turf areas on new commercial and multifamily developments
- HH 1.5 Develop partnerships with local utilities and other sources of funding for weatherization and air conditioner repair/replacement for low-income households.

**STRATEGY HH 2**  
Prioritize the role of trees and shading in heat reduction.

**ACTIONS**

- HH 2.1 Increase tree canopy and building-integrated and free-standing shade structures through an Urban Shade and Tree Plan.
- HH 2.2 Inventory Scottsdale's trees and plant more trees, especially in underserved or older neighborhoods; evaluate a "matching tree" initiative and other tree planting partnerships.
- HH 2.3 Implement an urban forestry program to balance shade and water use and to ensure trees are maintained (including in city parks).
- HH 2.4 Study options to improve proper tree maintenance and replacement near commercial and multifamily buildings.

RESILIENT COMMUNITY ATTACHMENT 2

**STRATEGY HH 3**  
Address climate and natural hazards in integrated emergency management planning.

**ACTIONS**

- HH 3.1 Create an Emergency Management Plan & Program.
- HH 3.2 Work with regional agencies, hospitals, faith-based organizations, schools, community groups and large employers to ensure continuity of operations.
- HH 3.3 Provide education, emergency preparedness and response training at the neighborhood level.
- HH 3.4 Expand response strategies for extreme heat and increase the number of cooling centers and awareness of locations.

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EXTREME HEAT & HAZARD PREPAREDNESS  
DRAFT - For Strategic Review and Discussion Only. Data Content will be updated.

EXTREME HEAT & HAZARD PREPAREDNESS  
DRAFT - For Strategic Review and Discussion Only. Data Content will be updated.



RESILIENT COMMUNITY ATTACHMENT 2

IMPLEMENTATION - EXTREME HEAT & HAZARD PREPARATION				
ACTION	TIME HORIZON	LEAD AGENCY(IES) & PARTNERS	COSTS	BENEFITS
HH 1.1 Prepare Extreme Heat Strategic Action Plan	1-3 years	Lead: OEI	\$	\$\$ Health
HH 1.2 Reduce exposed dark surfaces.	Ongoing	Lead: Planning OEI Partners: Private	\$	\$\$ Health
HH 1.3 Support code requirements for cool roofs.	Ongoing	Lead: Planning OEI Partners: Private	\$	\$\$ Health
HH 1.4 Support code requirements for shading for 50% of site hardscape.	Ongoing	Lead: Planning OEI Partners: Private	\$	\$\$ Health
HH 1.5 Develop partnerships for weatherization and air conditioner repairs for low-income households	1-3 years	Lead: Human Services Partners: Utilities, Private	\$	\$\$ Health
HH 2.1 Create an Urban Shade and Tree Plan.	1-3 years	Lead: OEI Partners: Parks & Rec, Transportation, Water, Private	\$	\$\$ Health Air Quality
HH 2.2 Inventory trees and plant more trees, especially in underserved or older neighborhoods.	3-10 years	Lead: OEI, Parks & Rec Partners: Private	\$	\$\$ Health Air Quality
HH 2.3 Implement an urban forestry program.	1-3 years	Lead: Parks & Rec	\$	\$\$ Health Air Quality
HH 2.4 Improve tree maintenance and replacement	Ongoing	Lead: OEI Planning	\$	\$\$ Health Air Quality

EXTREME HEAT & HAZARD PREPAREDNESS  
DRAFT - For COMMENTS ONLY THROUGH 8/31/2020 BY 8/31/2020 OR BE UPDATED

RESILIENT COMMUNITY ATTACHMENT 2

IMPLEMENTATION - EXTREME HEAT & HAZARD PREPARATION				
ACTION	TIME HORIZON	LEAD AGENCY(IES) & PARTNERS	COSTS	BENEFITS
HH 3.1 Create an Emergency Management Plan.	1-3 years	Lead: Emergency Management Partners: Maricopa County	\$	\$\$ Safety
HH 3.2 Ensure continuity of operations	Ongoing	Lead: Emergency Management Partners: Private	\$	\$\$ Safety
HH 3.3 Provide emergency preparedness and response training at the neighborhood level.	3-10 years	Lead: Emergency Management Partners: Private	\$	\$\$ Safety
HH 3.4 Increase the number of cooling centers and awareness of locations.	1-3 years	Lead: Human Services Partners: Maricopa County	\$	\$\$ Safety

EXTREME HEAT & HAZARD PREPAREDNESS  
DRAFT - For COMMENTS ONLY THROUGH 8/31/2020 BY 8/31/2020 OR BE UPDATED

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## Additional Changes to Plan

- Expand introductory text to include rationale for plan and vision for future
- Finalize text for other Priorities
- Description of annual progress reports
- Schedule for updates to plan

## OUR COMMUNITY

SUSTAINABLE

RESILIENT

THRIVING

PRIORITIES

- Energy & Climate
- Built Environment
- Air Quality
- Waste as a Resource
- Extreme Heat & Hazard Preparedness
- Water
- Open Space
- Community Services
- Food Systems
- Economic Vitality
- Education & Engagement

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## **Next Steps: Timeline and Process**

### Summer/Fall 2023

- Update plan and draft targets
- Complete data collection and analysis
- Continued Commission input

### November 2023 – March 2024

- Review by Commission, staff, and external experts
- Updated plan vetted during 2-3 Council work study sessions

### April – May 2024

- Community engagement
- Commission recommendation

### June 2024: Council adoption

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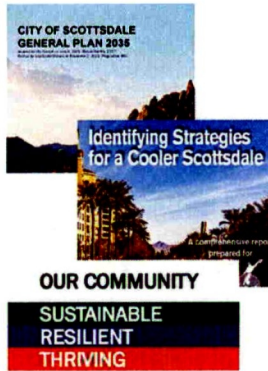
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## **Extreme Heat Plans**

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## Extreme Heat Planning: Response and Mitigation



### Response & Mitigation

Extreme Heat Strategic Action Plan (City-wide)

South Scottsdale Heat Mitigation Report

Overview of Existing Efforts (Municipal Operations)

### Mitigation

Shade & Tree Plan

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## Extreme Heat Strategic Action Plan (City-wide): Framework

### Response

- Expand heat relief communication and education
- Protect people from the health effects of extreme heat

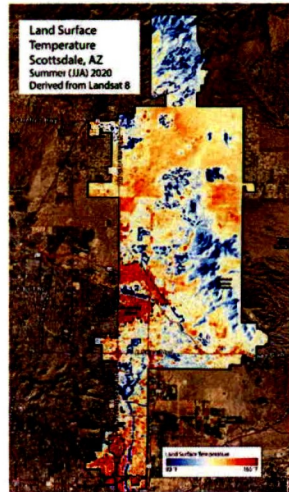
### Mitigation

- Identify urban design improvements including structured shade and built environment
- Utilize nature-based solutions and balance benefits of natural shade and water usage

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## South Scottsdale Heat Mitigation Report



Holiday Park Area

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## Overview of Existing Efforts (Municipal Operations)

- Compiled current municipal heat response and management programs
- Included suggestions on possible new efforts
- Drew lessons from other community heat plans
- Report will be posted soon



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## Shade and Tree Plan: Initial Scope

- Toolkit approach
- Provide guidance for projects
- Include maintenance and green infrastructure
- Identify priorities



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## Questions/Direction to Staff

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