

# Crown Park Improvements

Overview

Community Feedback

Water Feature

Playground Design

Lighting

Next Steps







# Overview

- Approved 30% design contract – February 2022
- Council Work Session on community pool – July 2022

**Council Direction**

**2018 Master Plan**

- Crown Park Advisory Committee – 13-month design and engagement process
- Preservation of iconic tree canopy – NO tree removal
- Council Adoption – November 2018

**30 % Design Process**

**We are here**

- APRIL - JUNE**
- Prepare ideas and themes of major features
  - Community Survey
  - Share survey results with P&R Commission

**1- Preliminary Design**

- JULY - OCTOBER**
- Incorporate community input and Parks & Recreation Commission direction to create 30% Design package
  - Council update
  - P&R Commission feedback

**2- Design Refinement**

- OCTOBER - NOVEMBER**
- Develop cost estimate based on refined 30% Design package
  - Direction from Commission and City Council; and prepare value engineering as directed.

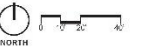
**3- Cost Estimating**





**KEYNOTES**

- |                        |                           |                                 |                            |
|------------------------|---------------------------|---------------------------------|----------------------------|
| ① BENCH, TYP.          | ⑦ PLAYGROUND              | ⑬ EXISTING MONUMENT SIGN        | ⑲ STORMWATER PLANTER, TYP. |
| ② RESTROOM             | ⑧ 6' CONCRETE PATH        | ⑭ PICNIC TABLE, TYP.            | ⑳ ADA PARKING              |
| ③ WATER FEATURE        | ⑨ 12' CONCRETE PATH       | ⑮ GRAVEL PATH                   | ㉑ MEMORIAL                 |
| ④ PICNIC SHELTER       | ⑩ EXISTING PICNIC SHELTER | ⑯ LIGHT, TYP.                   |                            |
| ⑤ AMPHITHEATER SEATING | ⑪ SCOUT HALL              | ⑰ MULTI SPORT COURT             |                            |
| ⑥ ADA RAMP             | ⑫ OPEN LAWN               | ⑱ LOW UNDERSTORY PLANTING, TYP. |                            |



- A. Water Feature: Blend of Natural and Formal**
- B. Playground: Nature Themed**
- C. Sports Court: Stripe for Multi-Sport**

# Community Feedback





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# Community Feedback



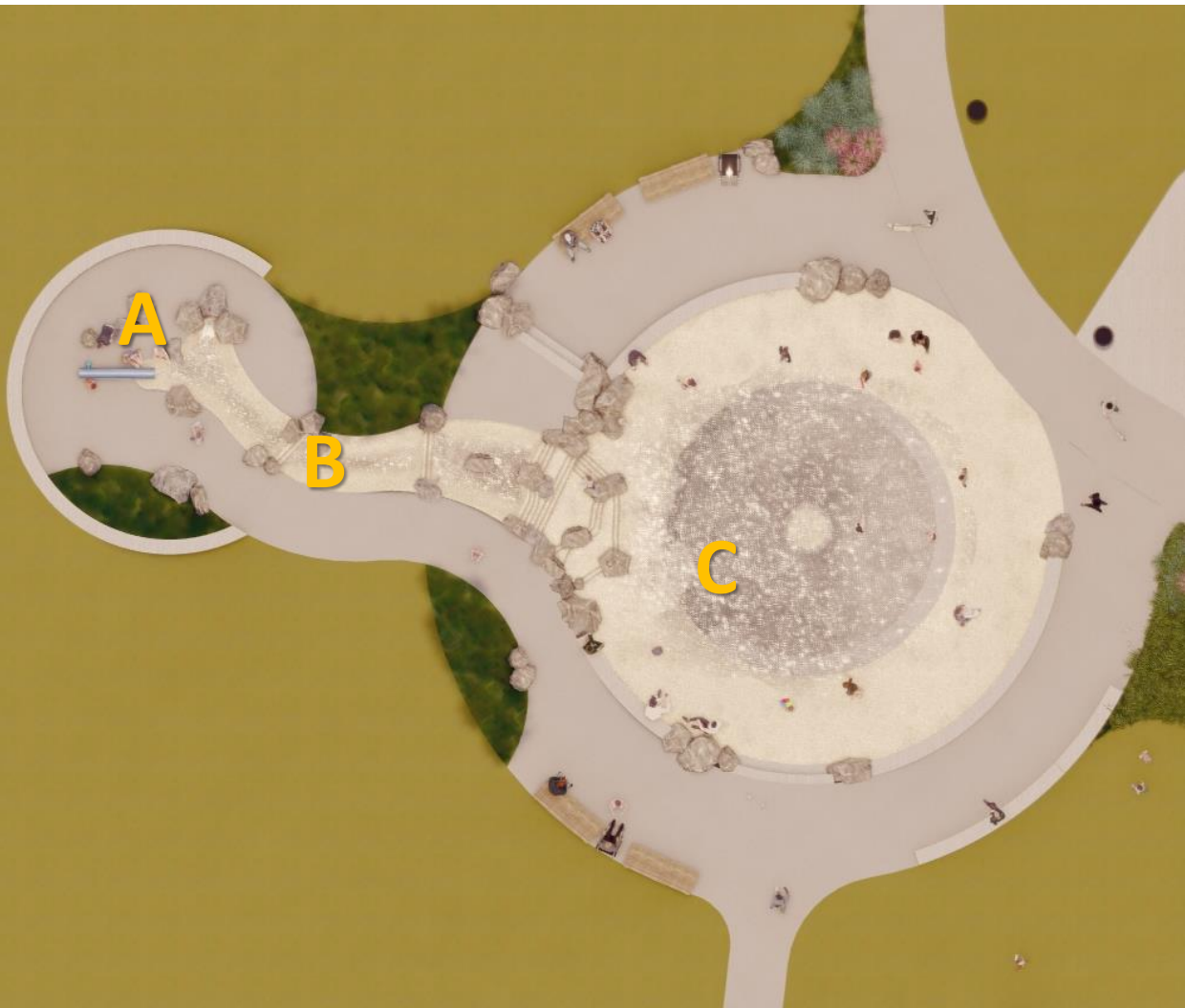


**A. Water Feature: Blend of Natural and Formal**

**B. Playground: Inclusive and Nature Themed Equipment**

**C. Playground: Nature Play Equipment**

## **Playground and Water Feature Design**



- A. The Source
- B. Stream
- C. Celebration

## Water Feature Design





Assumptions	
Splash Pad Flowrate (all features engaged)	180.0 GPM
Municipal Water Rate	\$2.78 CCF
	\$0.00372 Gal.
Bollard Activation Timer Setting	10.0 Min.
Days Open per Year	114 Days
Hours Open per Day	10 Hrs.
Splash Pad Opening Date	5/20/23
Splash Pad Closing Date	9/10/23

	Days Open	Average Utilization	Activated Hours per Day	Daily Water Usage (gallons)	Monthly Water Usage (gallons)	Cost of Water Usage
May						
Weekdays	7	30%	3.00	32,400.0	226,800.0	\$842.86
Weekends	5	55%	5.50	59,400.0	297,000.0	\$1,103.75
June						
Weekdays	22	50%	5.00	54,000.0	1,188,000.0	\$4,414.99
Weekends	8	65%	6.50	70,200.0	561,600.0	\$2,087.08
July						
Weekdays	20	60%	6.00	64,800.0	1,296,000.0	\$4,816.35
Weekends	11	70%	7.00	75,600.0	831,600.0	\$3,090.49
August						
Weekdays	23	60%	6.00	64,800.0	1,490,400.0	\$5,538.80
Weekends	8	75%	7.50	81,000.0	648,000.0	\$2,408.17
September						
Weekdays	5	40%	4.00	43,200.0	216,000.0	\$802.72
Weekends	5	55%	5.50	59,400.0	297,000.0	\$1,103.75
				<b>7,052,400.0</b>	<b>7,052,400.0</b>	<b>\$26,208.97</b>

**Water usage would fill an Olympic sized pool (660,000 gallons) once every 6 days / 19 times per season**

## Water Feature Design



### Flow-through versus Recirculating

✓ Feasibility (Geotechnical)

✓ Water Usage Costs

❑ Capital Costs

❑ Maintenance Costs

❑ Value of Water Conservation





- A. Playground: Inclusive and Nature Themed Equipment
- B. Playground: Nature Play Equipment



## Playground Design





landscape structures

Crown Park Playground

PLAY & CREATION

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Playground Design – Nature Themed Play

TREE HOUSE design





# Playground Design – Nature Themed Play

**MOUNTAIN** design





## Playground Design – Nature Play

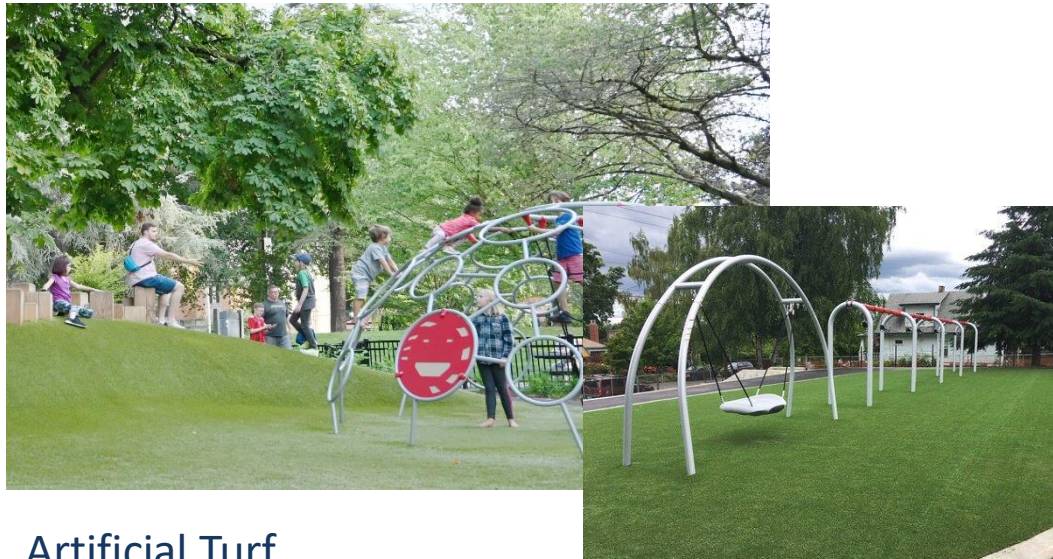




Engineered Wood Fiber



Poured-in-Place Rubber



Artificial Turf



Rubber Tiles

# Playground Surfacing





**Pole Mounted Pedestrian  
Lights  
Provide Safety/Surveillance  
LED Cut-off Fixtures  
Dark Sky Compliant  
Less Fixtures than Bollards  
Blend of Period and Modern**

**Lighting**







1. Parks & Recreation Commission – presentation & feedback **Sept 28**
2. Prepare a preferred alternative for the playground design **2 weeks**
3. Present Design to City Staff **Week of Oct 10**
4. Complete 30% Design and Costs **End of October**