

A low-angle photograph of a field of sunflowers reaching towards a clear blue sky. The sunflowers are in various stages of bloom, with some fully open and bright yellow, and others as dark brown seed heads. The green leaves of the plants are visible in the foreground and midground. The background shows a dense line of green trees.

Centennial Park:

October 17, 2024- Park Board

Staff Contact: Jessica Martinez, Deputy Director of
Parks



Overview

- Background
- National Demonstration Site
- 7 Principles of Inclusive Playground Design
- Public Engagement: Summary of Surveys
- Selected Park Improvement
- Options

Background

- Centennial Park is identified for playground replacement in the 2025 parks capital improvement plan.
- This project has been budgeted at \$525,000.
- **July 17, 2024:** Staff submitted an application for a playground grant opportunity with Gametime.
- **July 30, 2024:** Staff received notice of award for matching funds from GameTime for Centennial Park playground renovation. Grant amount will vary based on selected playground concept.
- **August 15, 2024:** Park Board reviewed opportunity and unanimously supported grant and engagement process
- **August 19, 2024:** City Council reviewed and unanimously supported grant and engagement process
- Gametime created three concepts for staff to review and to release to the community for public engagement.
- Each playground concept option incorporated all 7 principles of inclusivity qualifying them as National Demonstration Sites.
- Public engagement ran from October 1-October 6,



What is a National Demonstration Site?

National Demonstration Sites (NDS) are playgrounds that showcase leadership in best practice design, support health-related initiatives, and collect data that stakeholders can use to understand the sites' impact on the community.



Playground Design Essentials



Centennial Park Inclusive Playground Evidence-Based Design Features

This unique inclusive play destination will offer critical activities that support the development of the **WHOLE CHILD** and the **WHOLE ENVIRONMENT**. The following essentials address evidence-based design best practices and the 7 Principles of Inclusive Playground Design®. Recognized as a project of excellence, these playground designs thoughtfully align with research-based design principles as a National Demonstration Site for Inclusive Play. Please see project-specific site examples listed below that have been selected to meet the diverse needs of the children, families, and your community members to support inclusion and health and wellness.

INCLUSIVE PLAY ESSENTIAL	FEATURES, BENEFITS & EXAMPLES	BENEFITS FOR THE WHOLE CHILD					
		PHYSICAL	SOCIAL-EMOTIONAL	SENSORY	COGNITIVE	COMMUNICATION	INCLUSIVE DESIGN PRINCIPLE
Accessible Routes & Unitary Safety Surfacing	 <p>Promotes physical and social inclusion for visitors to travel to and throughout the environment. <i>SITE EXAMPLES: Poured-in-Place Rubber</i></p>						1 Be Fair
Music & Sound	 <p>Encourages collaboration, creativity, and an age-appropriate activity for intergenerational users at any developmental stage. <i>SITE EXAMPLES: Bells, Thunder Ring, Ashiko & Djembe, Maracas, Calabazo, Music Panel</i></p>						1 Be Fair
Dramatic Play	 <p>Fosters imagination, creativity, symbolic thinking, learning, & social dialogue through pretend play. <i>SITE EXAMPLES: Doorway Panel, Bubble Mirror, Flat Mirror, Telescope, Double Steering Wheel, Blue Window, Face Creator Half Panel, Stained Glass, Color Wheel, Counter Panel</i></p>						2 Be Included
Opportunities for Expressive & Receptive Language	 <p>Encourages communication and understanding of language through motivating, collaborative, and reciprocal experiences. <i>SITE EXAMPLE: Talk Tubes throughout Avenna Tower, Communication Panel w/ Boardmaker Picture Symbols, Echo Chamber, Braille Wayfinder Signs, Braille Panel</i></p>						2 Be Included
Looping Patterns	 <p>Supports intuitive play behaviors and skill development through active/repetitive play while avoiding unnecessary complexity. <i>SITE SPECIFIC EXAMPLES: Slide exists near transfer platforms, climbers, ramp entryway</i></p>						3 Be Smart
Jump-in Points	 <p>Provides a passive area adjacent to a social-cognitive activity for children to observe and gain understanding and confidence to engage with their peers. <i>SITE SPECIFIC EXAMPLES: Fun Seat, Double Seat, Table & Seat for Two</i></p>						3 Be Smart
Defined Activity Settings	 <p>Organizes active and passive spaces so that it is easy to understand, enhances play opportunities, and avoids user conflict. <i>SITE SPECIFIC EXAMPLE: Play Structures, Motion/Movement Areas, Seating</i></p>						3 Be Smart
Ramp Access & Height	 <p>Allows diverse users, adaptive equipment, and caregivers to access a play structure and experience various heights. <i>SITE SPECIFIC EXAMPLES: Accessible Ramps, ADA Wide Ramp, Atlas Tower w/ Accessible Route</i></p>						4 Be Independent
Slides w/ Slide Transfers	 <p>Supports the independence and safety of individuals who choose to transfer from their mobility device onto the slide entrance. <i>SITE SPECIFIC EXAMPLE: Double Zip Slides and</i></p>						4 Be Independent



Playground Design Essentials

INCLUSIVE PLAY ESSENTIAL		FEATURES, BENEFITS & EXAMPLES	BENEFITS FOR THE WHOLE CHILD					INCLUSIVE DESIGN PRINCIPLE
			PHYSICAL	SOCIAL-EMOTIONAL	SENSORY	COGNITIVE	COMMUNICATION	
Motion Activities w/ Inclusive Features		Provides sensory-rich experiences for children to engage in spinning, swinging, and/or rocking for vestibular and proprioceptive input to support balance and motor planning. SITE SPECIFIC EXAMPLE: <i>Roxall Inclusive Seesaw, Inclusive Seesaw, Zero-G Adaptive Swing, Disc Swing, Merry-Go-All</i>						4 Be Independent
Cozy Spots		Offers semi-enclosed, quiet spaces where children can retreat for sensory and social relief. SITE SPECIFIC EXAMPLE: <i>Fun-I, Up Crawl Tube, Contoured Seat Panel, Inclusive Pockets in Tower, Overlook</i>						5 Be Safe
Seating & Areas for Adult Supervision		Provides clear visibility of activity areas and adequate space for caregivers using wheelchairs or other assistive equipment. SITE SPECIFIC EXAMPLE: <i>Benches and wheelchair/stroller areas, ADA Connections Benches</i>						5 Be Safe
Graduated Levels of Physical Challenge		Fosters a developmental progression of gross motor skills through climbing and upper body events through beginning, intermediate, and advanced levels of challenge. SITE SPECIFIC EXAMPLE FOR CLIMBING: <i>Leaning Wall Climber, Cube Curved Climbers (beginning) Ergo Climber, 18-Line Climbing Link (intermediate), Tri Net, Splitter (advanced)</i>						6 Be Active
Accessible Upper Body Events		Offers rewarding and equitable alternatives to climbing or horizontal ladders for individuals using mobility devices or who are developing upper body. SITE SPECIFIC EXAMPLE: <i>Hand Cycler, Therapeutic Rings</i>						6 Be Active
Cooperative Play		Reinforces positive interactions between children through dynamic and fun experiences as they work together to drive or complete an action. SITE SPECIFIC EXAMPLES: <i>Animal Race Half Panel Expression Multigenerational Swing, Inclusive Seesaw, Merry-Go-All, 3 in a Row, Hexaglass, Maze</i>						6 Be Active
Half Activity Panels		Provides adequate space underneath the panel for individuals using mobility devices to comfortably approach and reach the activity while facing forward. SITE SPECIFIC EXAMPLES: <i>ADA Cray's Nests w/ Gizmos, Telescope, & Thundering</i>						7 Be Comfortable
Shade		Offers relief to environmental conditions. SITE SPECIFIC EXAMPLE: <i>Canopy, Hex Umbrella, Shades, Atlas Tower Roof</i>						7 Be Comfortable

Public Engagement: Summary of Surveys

- **Survey dates:**
October 1 - October 6
- **Total responses:** 889
- This is the highest level of response we have had on a playground refurbishment to date. We received quite a bit of feedback regarding how beloved the park currently is and how much it is utilized.
- Additional feedback on social media included:
 - More shade
 - Fencing around the playground
 - Wheelchair accessible ramps and how the current structure ramp system is preferred
 - Wheelchair accessible ground features that interacts with their peers
 - Many users did not realize the age of the structure, or that the new proposed structures would be more inclusive than

TAKE THE SURVEY TODAY



BEFORE



AFTER

OPTION 1

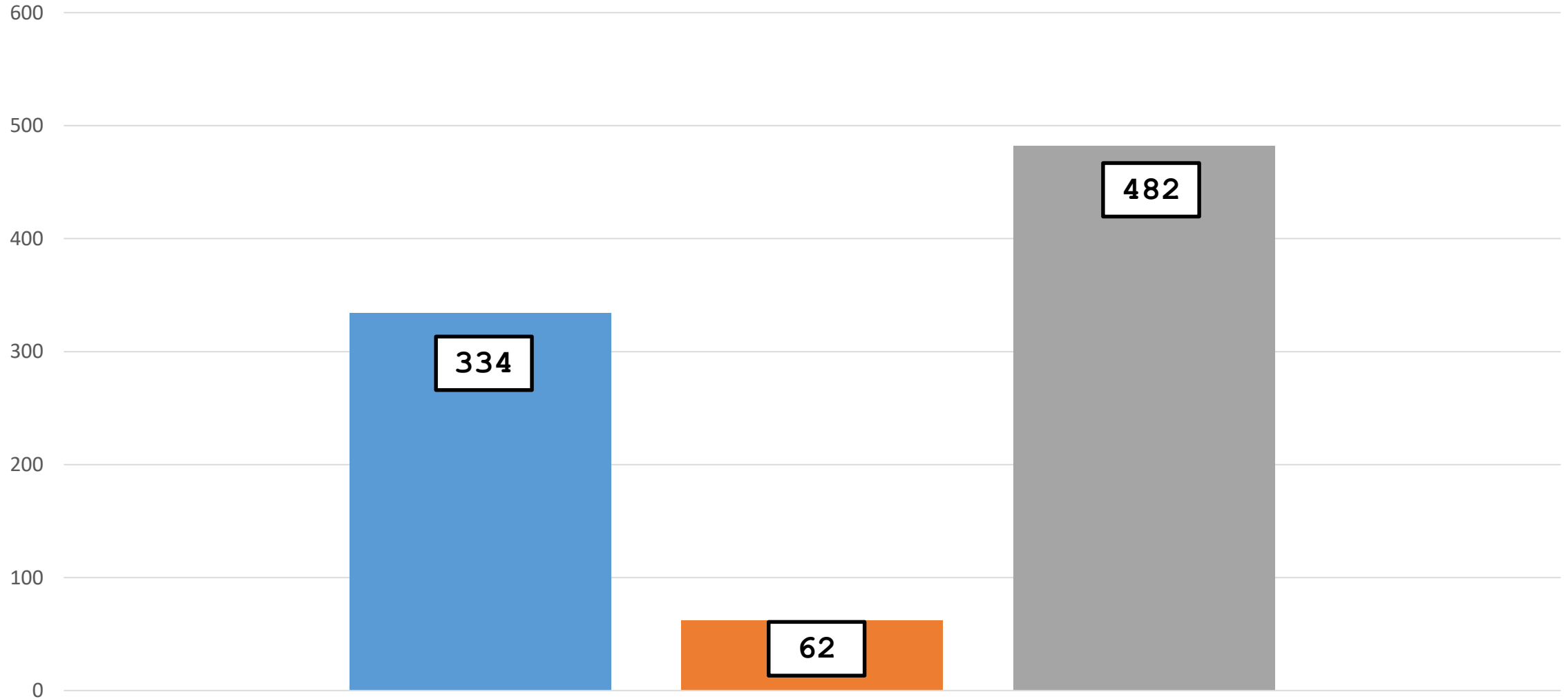


Color Palette: Bedrock





Which Playground?



Playground Options

■ Option 1

■ Option 2

■ Option 3

**Elements
Community
Selected
Park Improvements**



Poured in Place Surfacing

Option 3

Playground features include:

Swings

- 2 bays
- 1 expression seat
- 1 zero g seat

Slides

- 6 slides

Ladders, Bridges, and Platforms

- 10 foot tower hex
- ADA Crows nest
- Vertical ladder
- Leaning wall climber
- Overhead ladder
- Wider decks and ramps for ADA

Climbing ropes or walls

- Leaning wall climber
- Therapeutic rings
- Ergo climber
- Splitter climber
- Inchworm climber

Inclusive features

- Ground level activity panels
- Extra wide ramp/deck
- Poured in Place surfacing
- Slide transfers
- Braille panel
- Wayfinder sign
- Communication board

Imaginative or sensory play elements

- Sensory wave entrance
- Ground level panels
- Fun seat

Shade

- 2 integrated shade on unit

Free standing equipment

























- Roxall
- Merry go all

Original Playground Cost: \$593,422.81

Grant Award Amount: \$127,396.01

Final Playground Cost: \$466,026.80

Centennial Inclusive Features

FEATURE	COST	PHYSICAL	SOCIAL /EMOTIONAL	COGNITIVE	SENSORY	COMMUNICATION
Poured-In-Place Surfacing	\$132,856					
Custom Play System	\$248,562					
Sensory/ Ground Panels (Multiple)	Merged within custom play system					
Communication, Wayfinder, and Braille Boards (3)	Merged within custom play system					
Musical Features (4)	Merged within custom play system					
Motion Activities with Inclusive Features (3)	\$30,104					



THERAPEUTIC RINGS



INCLUSIVE WHIRL (POTENTIAL CHANGE OUT)



RAMP ACCESSIBLE SENSORY AND GROUND PLAY FEATURES



ROXALL

OPTION
3



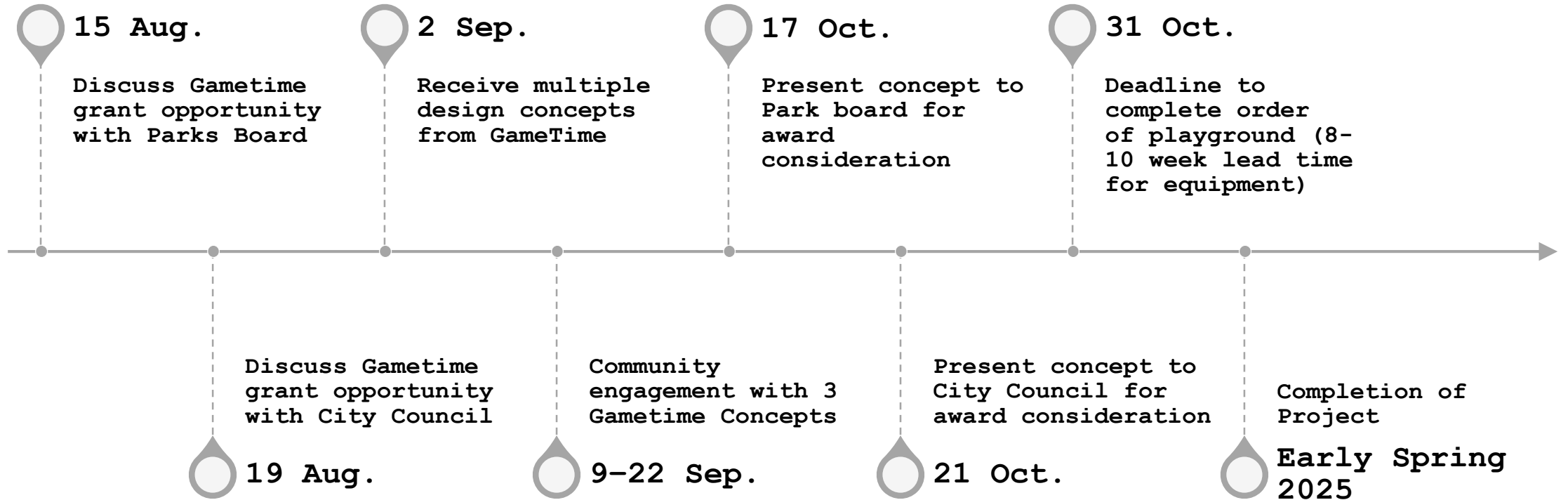
The following items are being considered as additions based on additional public engagement feedback: shade, fencing, and motion-based inclusive stand alone equipment (change out)

Remaining Project Funding:
\$58,973.20

OPTION 3 with additional shade and inclusive whirl, fencing will be done outside of gametime scope



Timeline



Options

**Staff
Recommendation**



Consider recommending the proposed design for improvements at Centennial Park with a contract to Gametime in the amount of \$466,026.80, with a project contingency of \$58,973.20, for a total project amount of \$525,000 for additional park improvements, as needed.



Deny



Questions, Feedback and Direction

