

Welcome!

- What is Inclusive Outdoor Play?
- Presentation of Inclusive Play Strategy
- Presentation of Draft Conceptual Plan for Mahoney Park Inclusive Playground
- Discussion of Funding Strategy





Playgrounds in Lincoln

- Lincoln has 92 Playgrounds
 - Neighborhood Parks
 - Community Parks
 - Regional Parks
 - Unique Playgrounds
- Typically have a 25-year life cycle

Neighborhood Parks

- Level of Service
- Program
 1. Playground
 2. Play Court
 3. Playfield
 4. Walking path
 5. Picnic shelter
 6. Natural Area
- Funding
- Operation and Inspection
- Renovation



Community Parks

- Level of Service
- Programming
 - 1. Off-street parking
 - 2. Play field
 - 3. Open Lawn
 - 4. Multi-Use Trail
 - 5. Play Court
 - 6. Playground
 - 7. Shelter/restroom
 - 8. Natural Area
 - 9. Access from Major Street
- Funding
- Operation and Inspection
- Renovation



Regional Parks

- Level of Service
- Programming
- Funding
- Operation and Inspection
- Renovation



Unique Playgrounds



Accessible Play

- Playground is Accessible to people using mobility devices, including wheelchairs
 - Surfaces
 - Width of travel paths and spacing between features
 - Transfer stations
 - Ramps
 - Accessible play “events”





Adaptive Play

- Play features that are modified for use by a person with special needs.
- Those who don't need the adaptation should use standard equipment



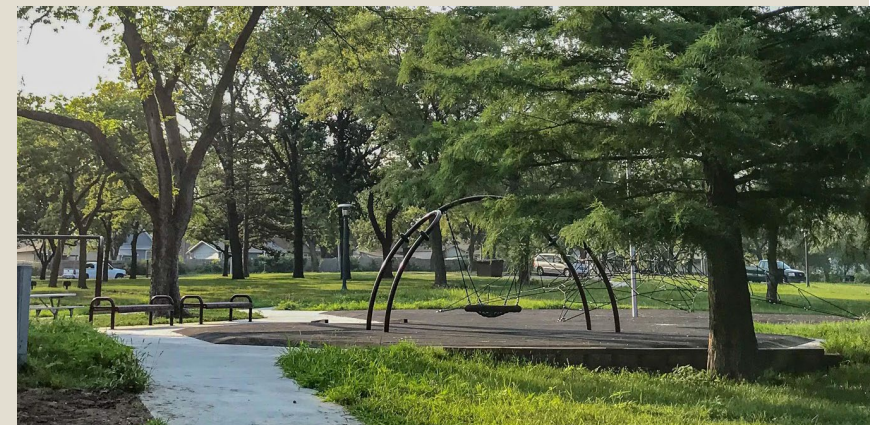


Inclusive Play

- Playground addresses the needs of all people
 - Intellectual/Cognitive
 - Physical
 - Sensory
 - Social/emotional

Accessible, Inclusive and Adaptive Play in Lincoln

- As Playgrounds are Constructed or Renovated, accessible, adaptive and inclusive features have been included
 - Playground Surfacing
 - Connecting walkways
 - Inclusive equipment
- Play For All Playground – Antelope Park
 - Central Location
 - Parking
 - Restroom
 - Open and enclosed shelters
 - Trail and Transit access



Existing Playgrounds in Lincoln



Ages 2-5

Village Meadows park -
collocated with an elementary
school, brand new playground



Ages 5-12

Timber Valley Park – typical
neighborhood park, brand
new playground



Ages 2-12

Antelope Park South (33rd and
Sheridan) – typical neighborhood
park playground renovation

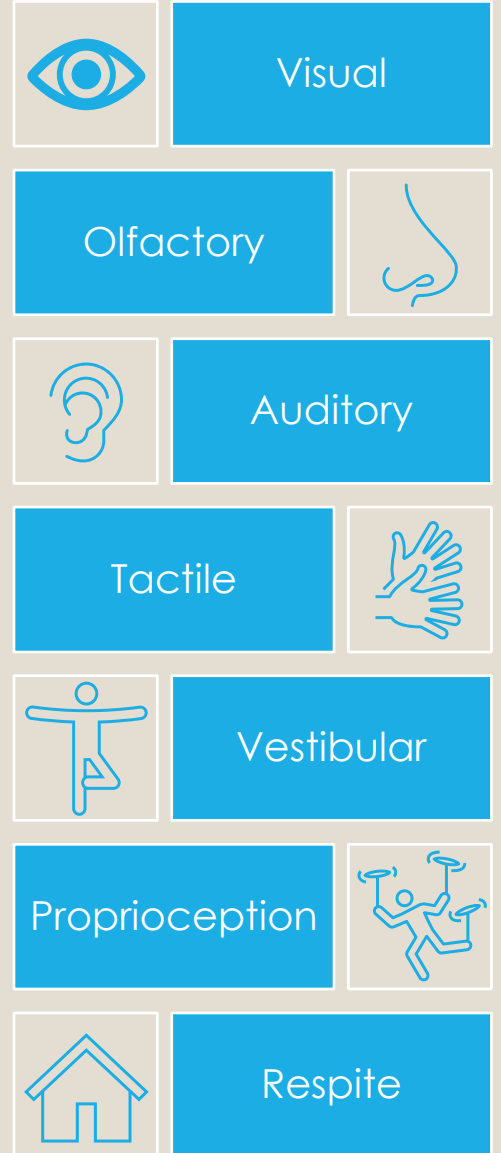
What is an Inclusive Playground?

Taking away both physical and social barriers to prevent exclusion.

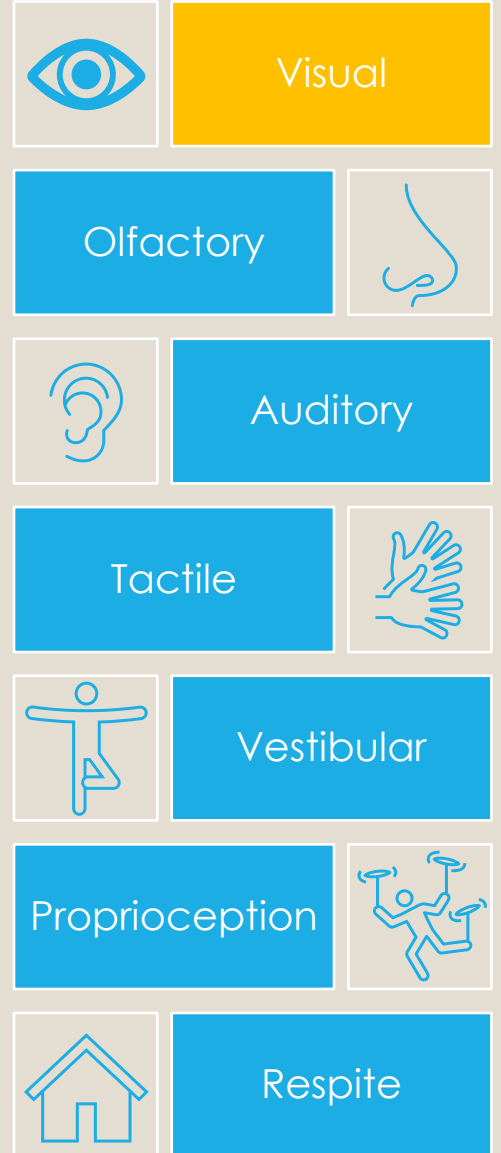
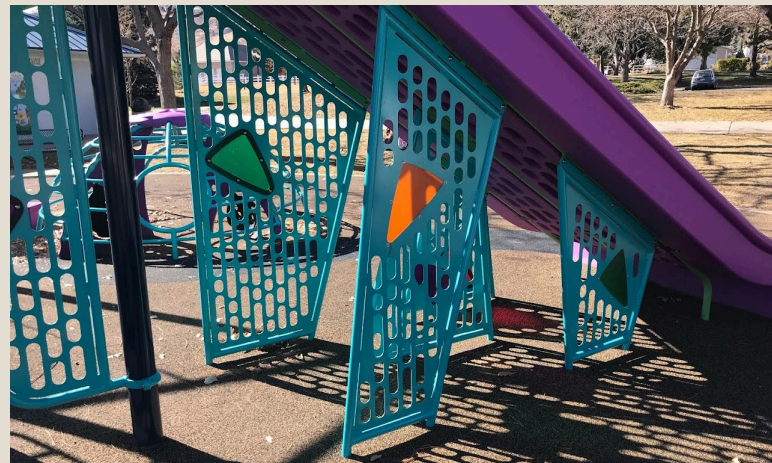
Creating opportunities for EVERYONE to participate in a play activity no matter the ability or age.

- 1. Fenced in play area (with a physical barrier such as a fence, landscaping or berms)**
- 2. Ramps to elevated play experiences**
- 3. Inclusive slides**
- 4. Ground-level play activities**
- 5. Sensory activities**
- 6. Inclusive swings**
- 7. Wheelchair-accessible equipment**

Playground Experiences



Playground Experiences



Playground Experiences



Playground Experiences









	Visual
Olfactory	
	Auditory
Tactile	
	Vestibular
Proprioception	
	Respite

Playground Experiences








Playground Experiences



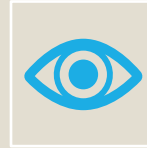
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Playground Experiences



	Visual
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Playground Experiences



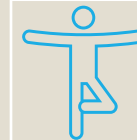
Visual

Olfactory



Auditory

Tactile



Vestibular

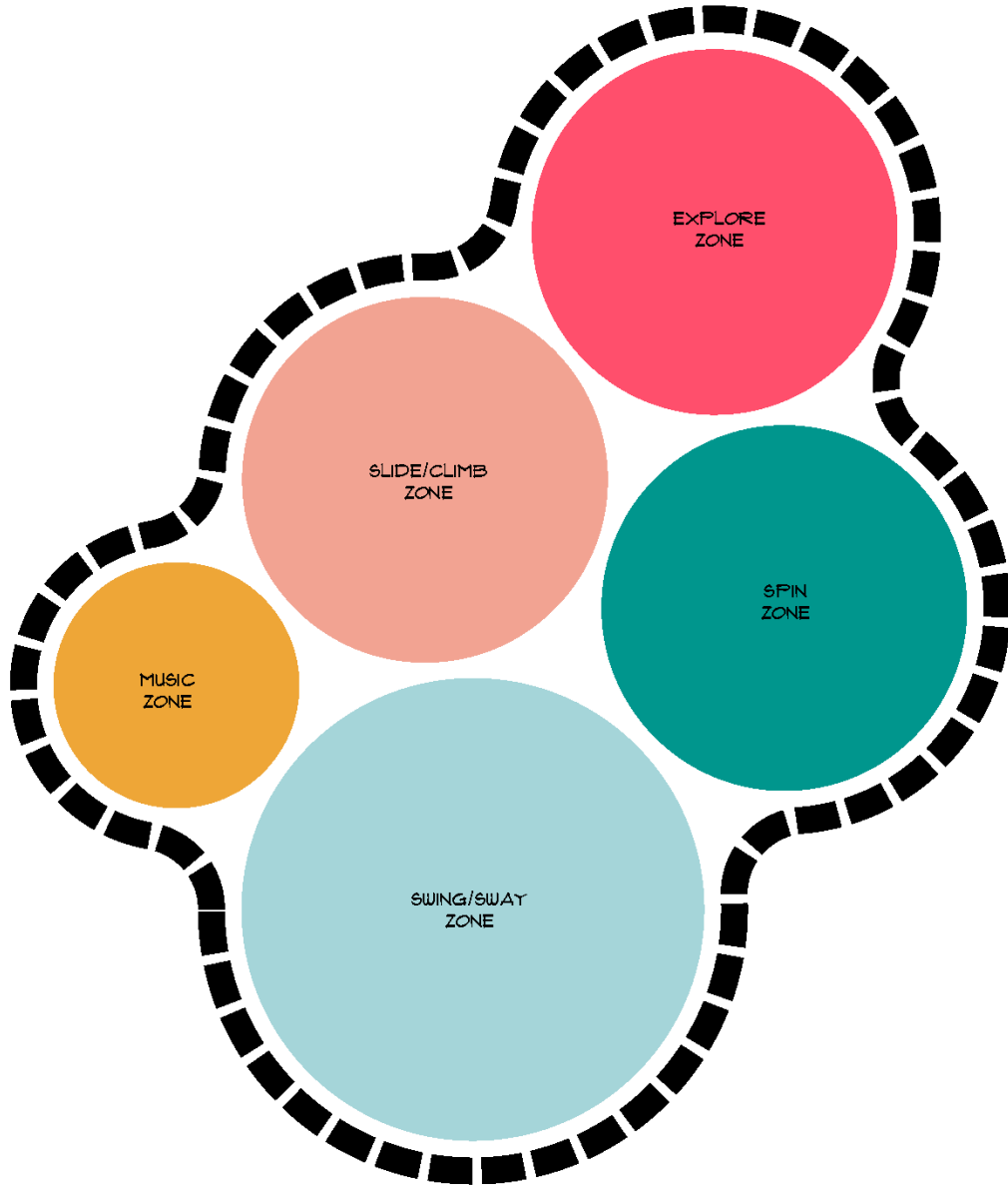
Proprioception



Respite

What are Zones?

Zones define groupings of similar play equipment. These zones can sometimes be delineated by visual cues such as change in color of play surface, literal fences, or could be separated from other zones by pathways. Zones also help group like play experiences to help eliminate surprises.

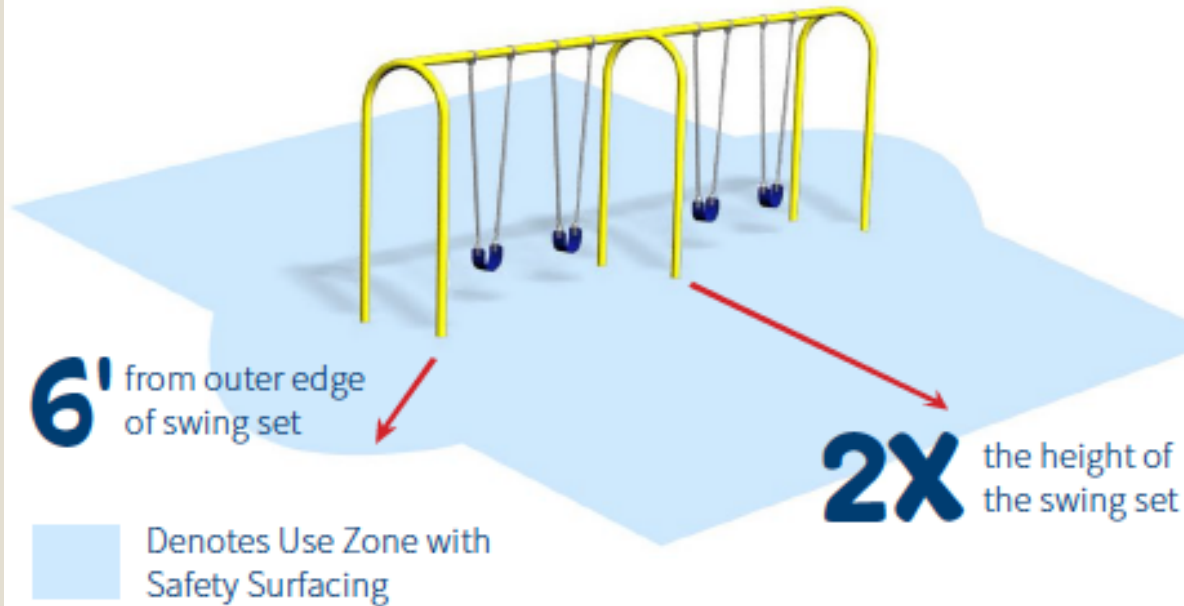


Zones & Multiple Levels of Challenge



USE ZONE

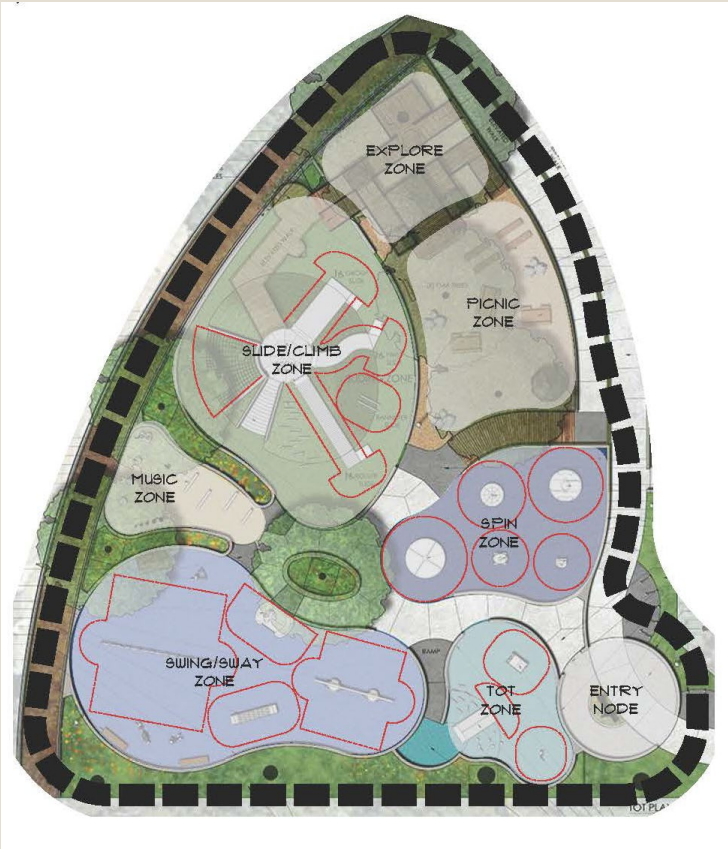
When building your new swing set, you must consider the area or use zone for the swing set. The use zone is the possible area that a child could fall and should be free of other obstacles or equipment.



What is a Use Zone?

- A use zone is defined as the area under and around a piece of equipment onto which a user can fall or potentially collide if objects are within the zone. These use zones require appropriate safety surfacing (usually rubber tile or sand/gravel mixture for parks) provide appropriate impact attenuation in case of an accidental fall.

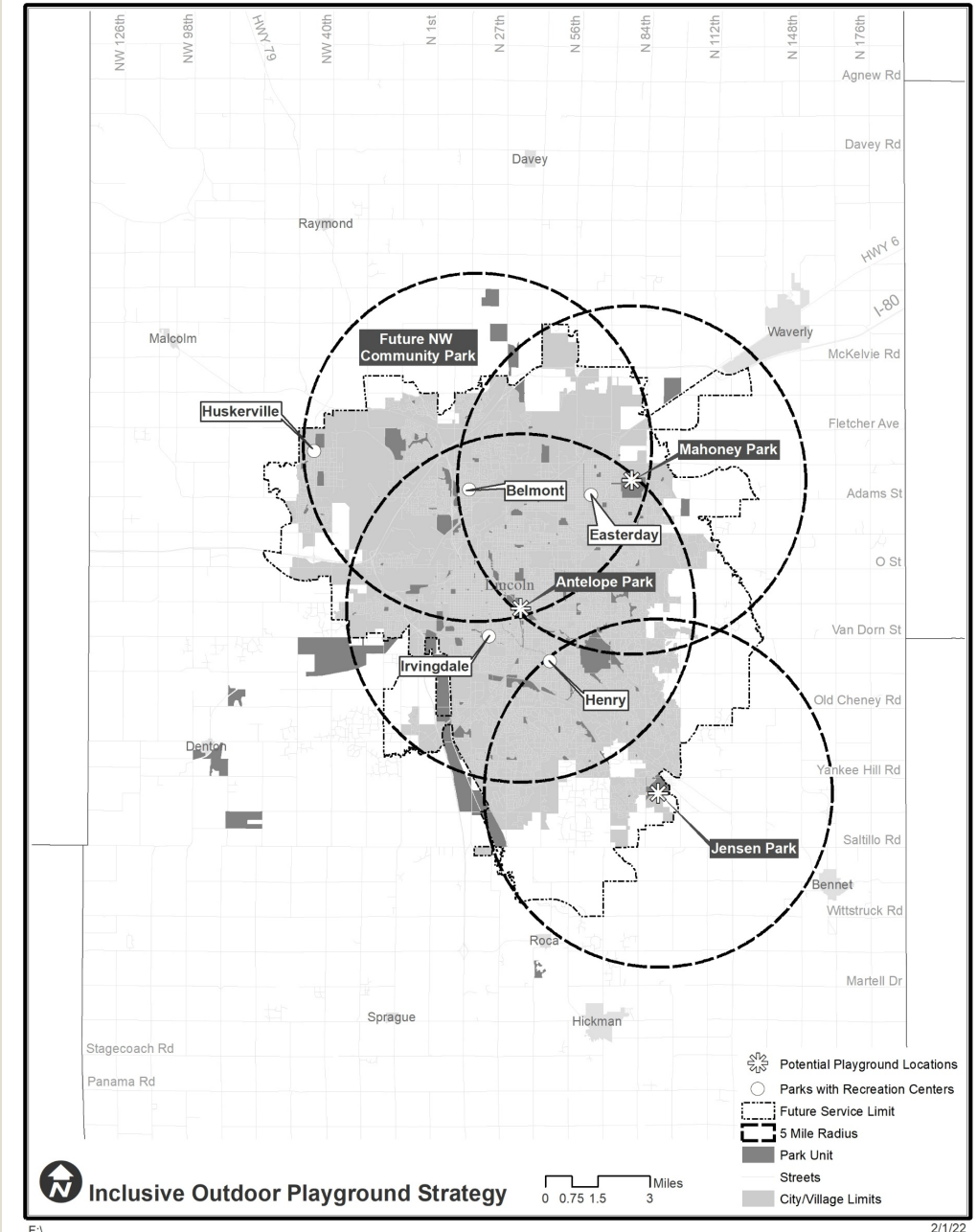
Inclusive Play Strategy for Lincoln NE



- Design Playgrounds that provide play opportunities addressing all 7 senses
 - Visual – Auditory – Olfactory – Tactile – Vestibular – Proprioceptive – Interoceptive
- Design Playgrounds that provide opportunities for users of all levels of ability
 - Imaginative and Social Play – opportunities to pretend and play together
 - Physical Development Play – opportunities to build strength and coordination
 - Risk Awareness Play – opportunities to solve problems and build confidence
 - Low level intricate play, undulating play, sensory plantings
- Design Playgrounds that include Play Environment Features
 - Family Restrooms, shade, drinking fountains, benches
 - Signage, visual cues for navigation, orientation path, variations in surfacing

Inclusive Play Strategy for Lincoln, NE

- Goal 1: To provide Inclusive Play focused programming within 5 miles of every resident in Lincoln
 - Service Area – 5-mile radius
 - Phase in playgrounds to accommodate funding and future renovation
 - Schedule (timing could vary based upon success of fundraising):
 - 2024 – Mahoney Park Playground
 - 2026 – Antelope Park Playground
 - Future – Jensen Park Playground
 - Future – Future Northwest Community Park Playground



Inclusive Play Strategy for Lincoln, NE

- Goal 2: Develop 5 additional Enhanced Playgrounds
- Focus on playgrounds associated with Recreation Centers
 - Irvingdale Park Playground – 2022
 - Develop along with park redevelopment project
 - Easterday Park Playground – 2023
 - Support therapeutic recreational programming
 - Huskerville Park Playground – 2023
 - Develop as new along with Air Park Recreation Center construction, capitalized on adjacent LPS playground features
 - Belmont Park Playground – 2024
 - Capitalize on topography and adjacent LPS playground features
 - Henry Park Playground – 2025
 - Rehab as inclusive playground



Inclusive Play Strategy for Lincoln NE

- Goal 3: To include adaptive and inclusive play features in all new and renovated park designs
 - Continue to provide attenuated surfaces for all playgrounds.
 - Integrate inclusive play features into all new and renovated playgrounds. Examples may include:
 - Adaptive swings, Musical instruments, Low level intricate play boards, Metal slides, Rope structures, Disk swings, Accessible whirls, Transfer stations
 - Remain up to date on current research and equipment design advances for inclusive play
- Goal 4: Continue to receive advice and guidance from the Inclusive Outdoor Play Working Committee



Mahoney Park Site Inventory

- Existing Playground with room for expansion
- Existing restrooms
- 2 existing rentable shelters
- Existing ballfields and play courts with frequent use
- Existing soccer fields
- Internal walking/ biking trail (Shanda Dixon)
- Connected to commuter trail (Murdock)
- Multiple parking lots with ADA stalls



Mahoney Playground Existing

- Opportunity to move existing structure or reconfigure for reuse with more inclusive pieces
- Existing 2 bay swings in sand to be removed
- Existing tire swing in sand to be removed
- Spring riders and freestanding see-saw to be relocated
- Existing benches and litter receptacles to be reused or relocated
- Tree spade existing trees for relocation
- Remove trees not eligible for tree spading

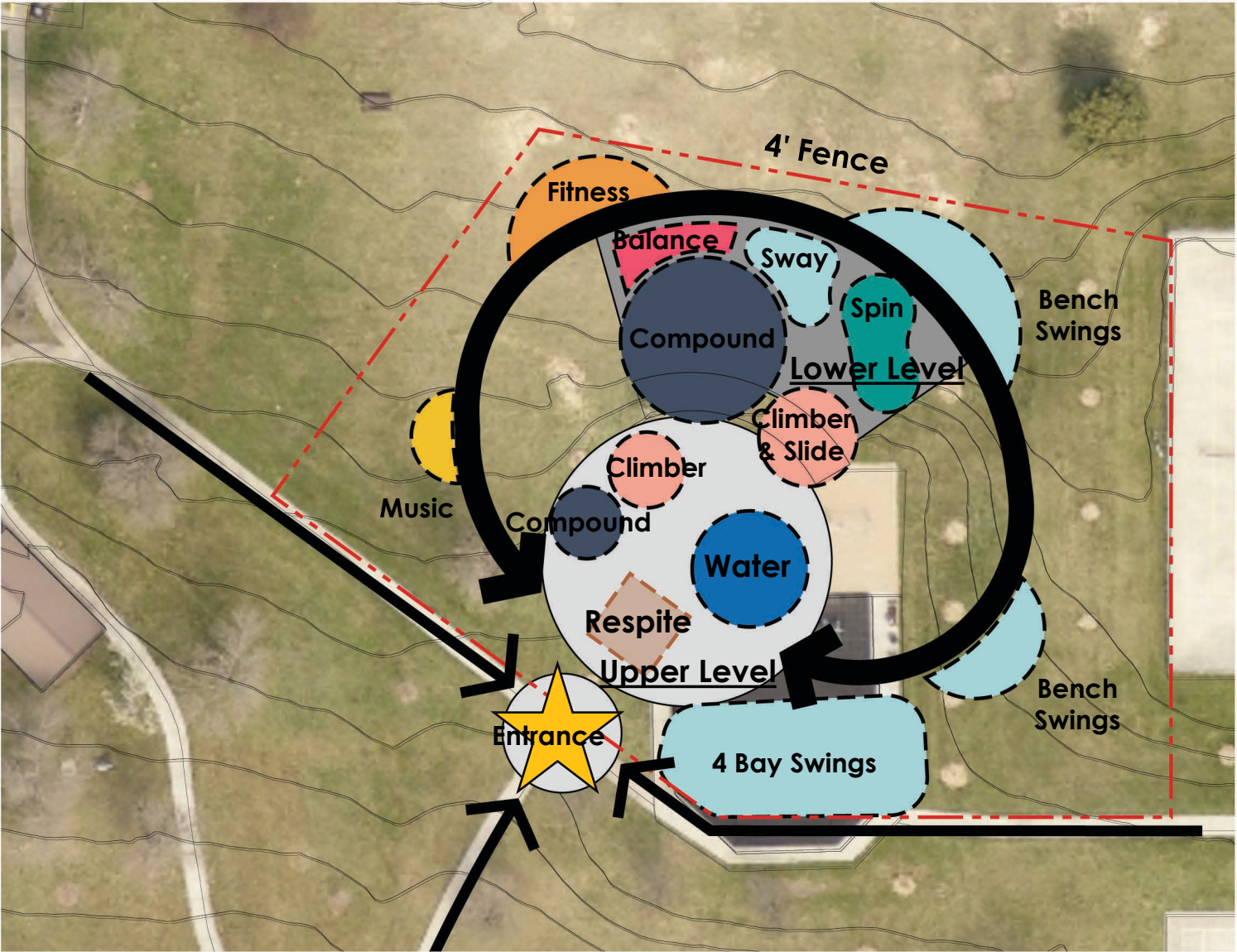
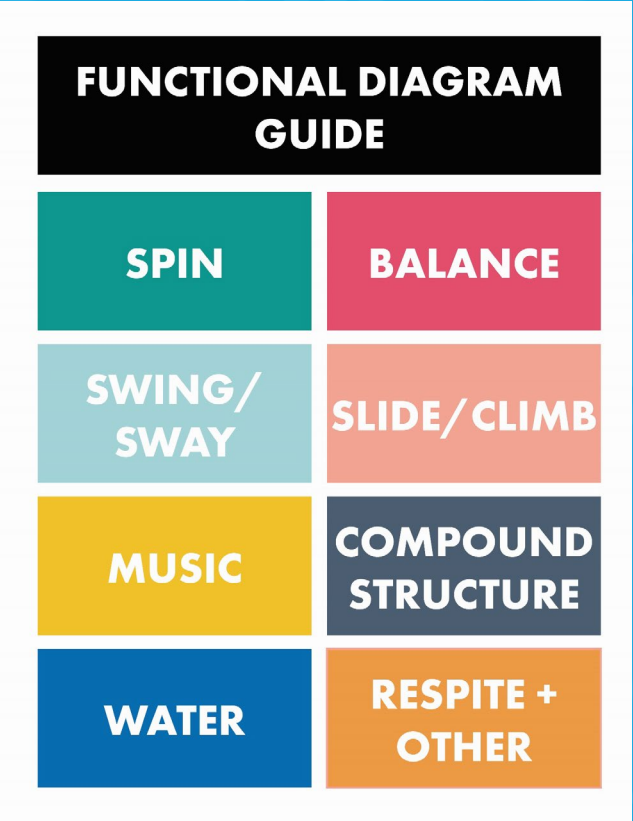


Mahoney Playground Analysis

- Existing playground centrally located to 3 different parking lots for ease of access
- Existing playground near one of the large rentable shelters within the park
- Existing playground location relatively flat
- About a 6 foot drop off towards the north from the existing play area which could be used to our advantage for hillside slides or defining different play experiences
- Existing drainage swale between playground and tennis courts
- Relatively smaller trees planted to the north that can be tree spaded and moved as needed for construction



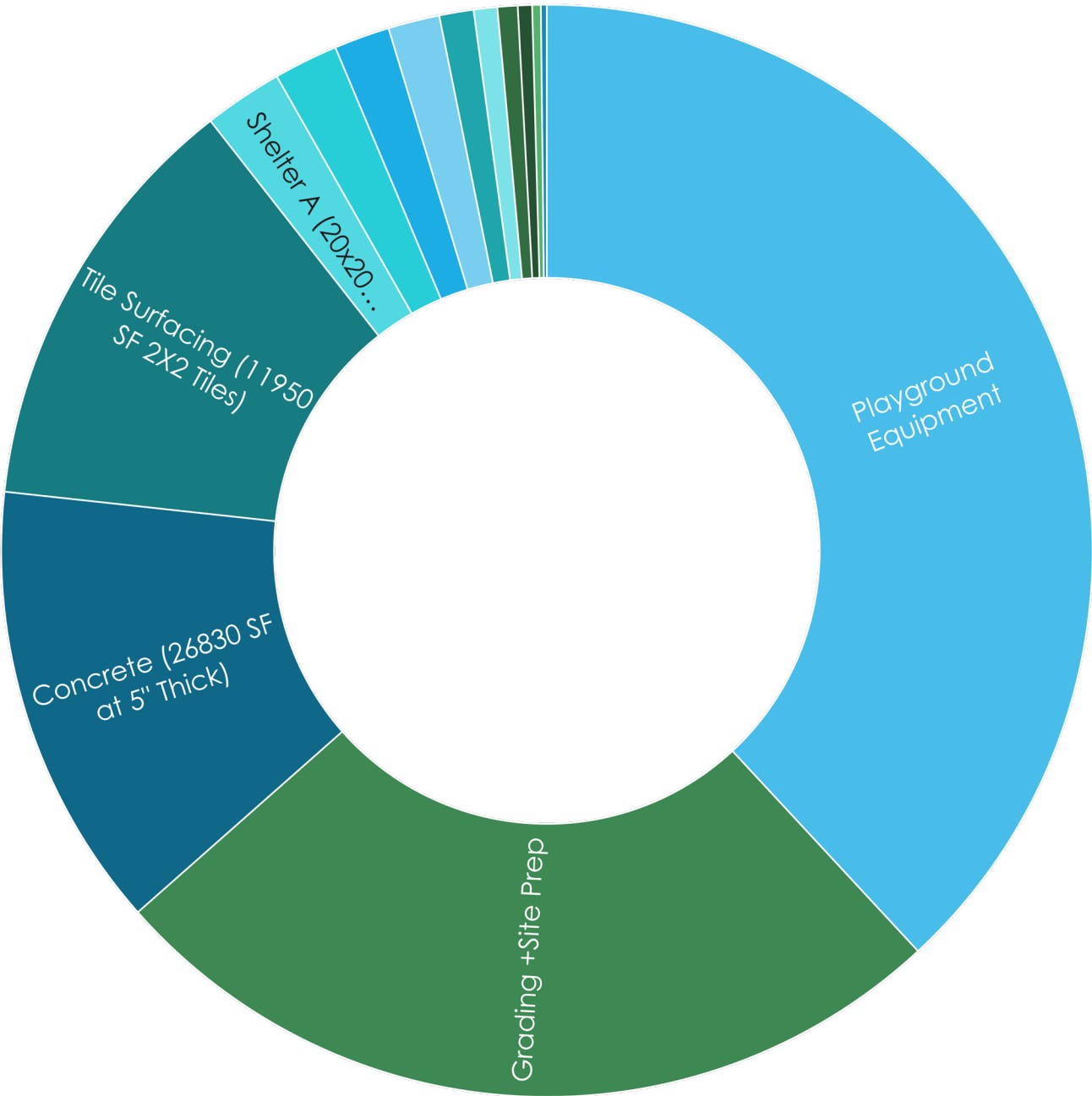
Mahoney Playground Functional Diagram
















Mahoney Playground Budget







\$800,000
to cover all costs
associated with
construction and
installation of all
components of
the new
playground area.

- Fencing (4' vinyl coated black)
- Site Demo
- Grading +Site Prep
- Concrete (26830 SF at 5" Thick)
- Tile Surfacing (11950 SF 2X2 Tiles)
- Synthetic Turf (\$15 per SF)
- Playground Equipment
- Shelter A (20X20 Polygon)
- Utilities
- Litter Receptacles (x3)
- Benches (6' quantity of 8)
- Picnic Tables Wabash (x5)
- Security Level Lighting (2 poles/fixtures)
- Security Camera



	Compound Structure	Climber A	Hillside Climbers (SM-M-L)	Hillside Slide	Spinner A	Spinner B	Exercise Equipment
Play Value				 			
Cost Estimate	\$120,000-170,000	\$6,000-7,000	\$1,700-2,700	\$4,000-8,000	\$12,000-15,000	\$6,000-7,000	\$20,000-25,000
Description	Multi-level structure with an accessible rocker, multiple sensory panels, slides and climbers for all users to enjoy. All levels accessible by ramps. Ideal for all ages and abilities with great play value.	Dome climber for a smaller play experience to either climb on top of or play inside of. Geared towards younger kids.	Used as climbers or for imaginative play, these EPDM play pieces are as fun as they are decorative and help bring a pop of color and interesting form to the playground.	Hillside slide utilizes topography or grade changes to create a ground level experience for all users without the risk of falling from a taller height.	Zero entry universal spinner with seat. Fully ADA compliant.	Acrylic panels cast colorful shadows on the ground while stationary or in use. Spinning activity for up to eight users geared towards 5 years old and older.	Theapeutic fitness equipment geared toward special phsycial exercises needed for therapy or for recreational purposes.

	Rocker 1	Rocker 2	Music Nature Collection (x3)	Music Chimes	Music Ball
Play Value					
Cost Estimate	Included w/ compoud structure	\$6,000-7,000	\$7,000-8,000	\$8,000-9,000	\$4,200-\$5,200
Description	Accessible rocker for all users including wheelchair users.	Inclusive rocker provides opportunity for multiple users to rock about at once at the ground level.	Sounds of nature with education component through reading, touch and sound.	Play chimes that can be played with mallets or hands.	Powered by human energy, the music ball generates music and sound as the user turns the handle.

	Swings (4 bays = 8 swings)	Swing (inclusive unity swing Bench Swings (x5)	Water Winder Pump (x2)	Water Table A	Water Table B	
Play Value						
Cost Estimate	\$10,000-12,000	\$7,500-8,500	\$11,000-12,000	\$11,000-12,000	\$23,000-26,000	\$20,000-25,000
Description	4 bay swing system to include 2 standard belt swings, 2 tot swings, 2 inclusive swings, and 2 accessible swings.	4 bay swing system to include belt swings, tot swings, and accessible swings.	Swing benches provide an opportunity to swing for all ages and abilities individually or with up to 3 users	WinderPump designed to pump water out via manual cranking.	K&K Newtown Water Play Ssystem winder pump, stainless steel manual pump for water table.	Eddy water play system, stainless steel, surface mount.

Funding Strategy

- Four Large Inclusive Playgrounds
 - Paid for through a combination of increased City Revenue and private donations

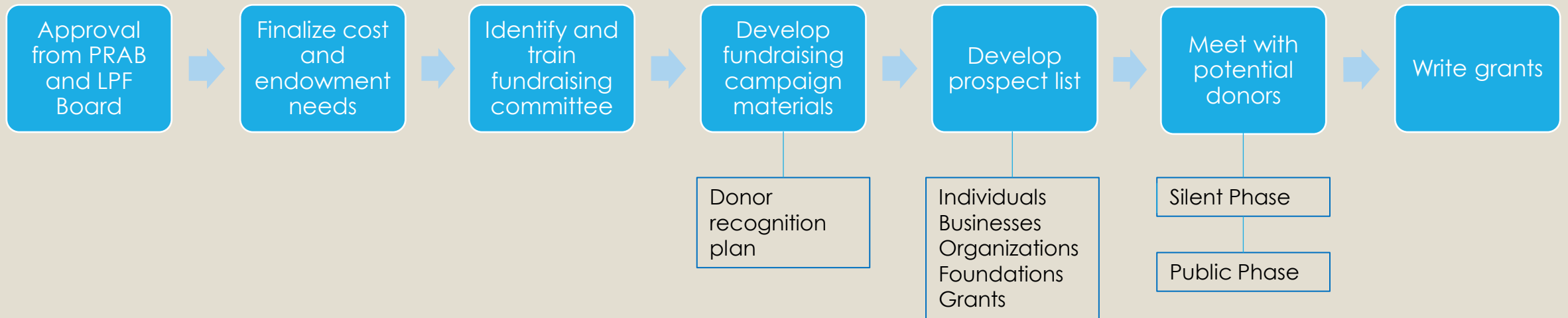
	Budget per playground	Total Funding Need
City CIP Request (\$100k/year)	\$300,000	\$1,200,000
Lincoln Parks Foundation	\$500,000	\$2,000,000
Total	\$800,000	\$3,200,000

- Five Enhanced Playgrounds near Recreation Centers
 - Paid for through increased City Revenue

	Each Playground	All 5 Playgrounds
Renovation/Development CIP	\$70,000	\$350,000
Additional CIP Request for Enhancement	\$70,000	\$350,000
Total	\$140,000	\$700,000

- Additional cost for inclusive play features in all new and renovated parks to be determined

Fundraising Process coordinated by Lincoln Parks Foundation



Wrap up and Next Steps

- Public webpage
 - Open February 10 – March 10
 - Include options to comment
- Public Virtual Open House
 - February 24, 6:30 pm via Zoom
- Parks and Recreation Advisory Board Working Session
 - February 10, 4 pm via Zoom
 - Public is welcome to follow along; however, question/comments will be held until the public meeting March 10
- Parks and Recreation Advisory Board public meeting
 - March 10, 4 pm
 - Public may join via Zoom or in person
 - Public comment taken
 - Attendance of Working Committee members encouraged