



# **Parks & Recreation Commission**

**Central Park Magical Bridge  
All Inclusive Playground  
Schematic Design  
Presentation**

**October 20, 2020**



# Presentation Outline

- **Introduction**
- **Central Park Master Plan Overview**
  - Capital Improvement Projects & CPMP Years 1-5
  - Council Pillar & Elements of Play
- **Magical Bridge All Inclusive Playground & Project Funding**
- **Playground Site Plan Overview**
- **Community Input**
- **Playground Plan & Additional/Alternate Items**
- **Project Schedule**
- **Questions & Comments**



# Central Park Master Plan

- **20 Year Plan** (short, medium, long term)
  - 14 renovation projects
  - based on funding availability
- **2017-2019**
  - Community Workshops & Input
- **August 2018**
  - Council approved Design Principles
- **October 19, 2019**
  - Parks & Recreation Commission (PRC) Review
- **November 19, 2019**
  - PRC Recommends Council Approval



# Central Park Master Plan

- **Areas of Park Prioritized for Renovation (Years 1-5)**
  - Arbor Center (Magical Bridge All Inclusive Playground)
  - Park Entrance At Kaiser Kiely & Access Improvements
  - Pavilion Parking Lot
  - Creek Spur Trail Improvements





# **Council Pillar: Enhance Community Sports, Recreation & Arts Assets**

- Use researched based, best practices
- Provide developmentally appropriate play spaces
- Include all "Elements of Play" at beginner, intermediate, advanced levels
  - Swinging, Spinning, Sliding, Climbing, Balancing, Brachiating (upper body)
  - Free play & Imagination/Technology
- Address physical, cognitive, social, emotional needs
- City Policies & Guidelines
  - Age-Friendly (World Health Organizations domains)
  - Inclusion (use of universal design principles)
  - Commitment to Sustainability & support of Natural Habitat
  - Park & Recreation Design Standards
  - Consumer Product Safety Commission Guidelines



# Magical Bridge Playground

- All inclusive
  - Regardless of age or ability, all are welcome
- Zones of play by activity
  - Elements of play: Swinging, spinning, sliding/climbing/balancing, innovation/music, imagination/performance
- Larger than a typical playground
  - One acre in size
- Selection of equipment
  - Multiple vendors, rated for level of use
- Beyond ADA design standards





# **Magical Playground Design Review**

- Project Funding
- Site Plan—Overview
- Community Input & Survey
- Overall Playground Design (layout)
- Play Zones & Elements of Play

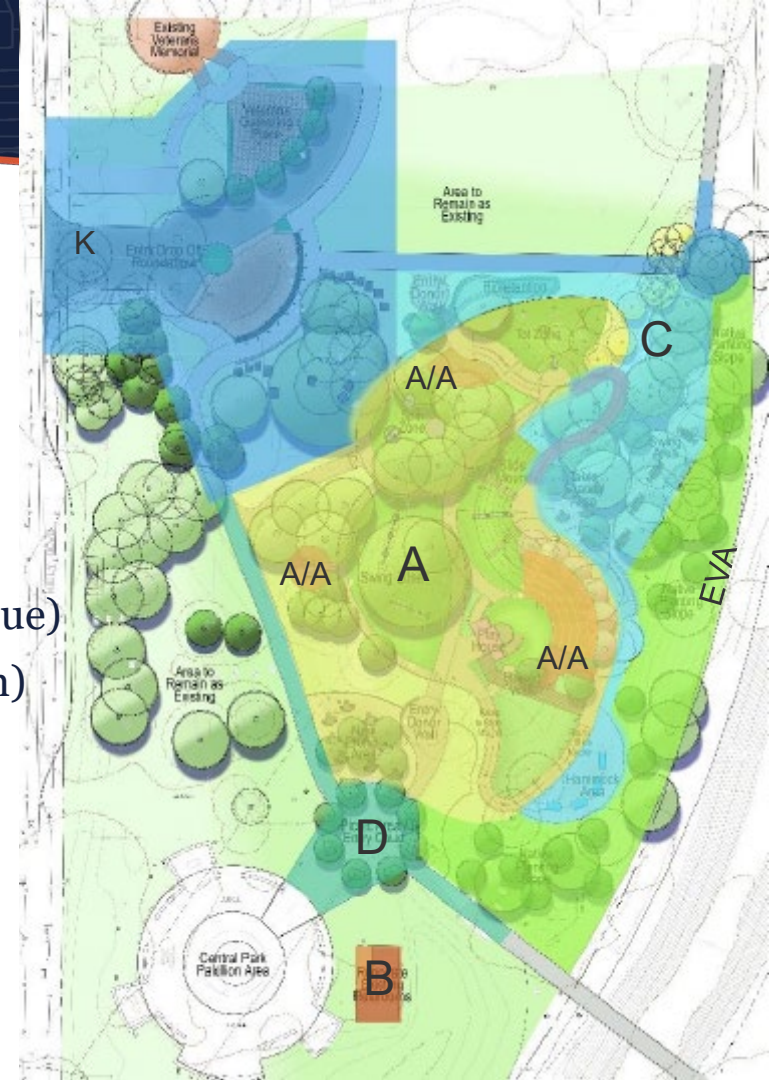


# Project Funding

- Total CIP Project Budget: \$4.6 Million
  - \$1.8 Million: City of Santa Clara (Quimby & Developer Contributions)
  - \$1.765 Million: County of Santa Clara (All Inclusive Playground Grant)
  - \$1 Million: Magical Bridge Foundation (Community & Corporate Fund raising; amount to date: \$200,000)
  - Includes design, construction, permits/inspections, contingency

# Site Plan–Overview

- **Magical Bridge Playground**
  - Scope A: Playground (yellow\*)
  - Scope B: Restroom Rehabilitation (orange)
  - Add/Alt.: \*Additional play apparatus
  - Scope C: Mound top, slope, second entry (light blue)
  - Scope D: playground entry & walkway (dark green)
- **Other Improvement Projects - Central Park**
  - Kiely Blvd./Kaiser Park Entry (dark blue)
  - EVA/Trail (light green)
  - Pavilion Parking Lot (off diagram, below right)



# Site Plan—Overview





# Community Input

- **Community Meeting**
  - Saturday January 18, 2020 (2-4pm)
  - Community Recreation Center & Ice Rink
  - Design Presentation
  - Playground Equipment Survey
- **Site walk with Community Members**
- **On-line Survey**
  - February 2020



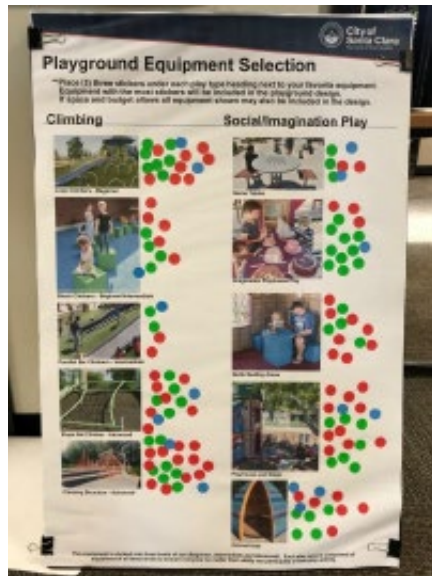
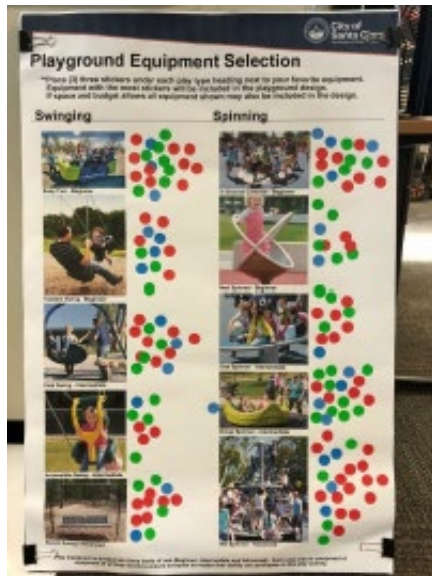


# Community Survey





# Playground Equipment Selection



Sway Fun: 21  
Tandem Swing: 13  
Disk Swing: 16  
Accessible Swing: 8  
Bench Swing : 14

Carousel: 18 Nest  
Spinner: 10 Disk  
Spinner: 11 Group  
Spinner: 19 Net  
Spinner: 22

Loop Climber: 17  
Block Climber: 10  
Parallel Bars: 5  
Slope Climber: 14  
Climbing Struct.: 20

Game Table: 7  
Imagination: 14  
Quiet Seating: 12  
Playhouse: 19  
Retreat Huts: 1

Chest Press: 8  
Lat Pulls: 9  
Shoulder Press: 5  
Elliptical: 15 Static  
Combo: 15

Level M. Bars: 17  
Roller Table: 13  
Climbing Struct.: 45  
Rope Swing: 16  
Wheel M. Bars: 17

Parallel Bars: 4  
Slope Parallel: 4  
Tetter Totter: 21  
Spin Disk: 11  
Spring Balance: 18

Turf Slide: 11  
Roller Slide: 24  
Group Slide: 10  
Wave Slide: 15  
Tube Slide: 10



# Community Survey Results

- On-line Community Survey  
February 3 -20, 2020  
166 participants

**Choose 3 of your favorite pieces of swinging equipment:**

		%	Count
Tandem Swing		78.2%	129
Sway Fun		56.4%	93
Disk Swing		57.0%	94
Bench Swing		34.5%	57
Accessible Seat Swing		49.1%	81





# Survey Results continued

Choose 3 pieces of your favorite climbing equipment:





# Survey Results continued

Choose 3 pieces of your favorite balancing equipment:

		%	Count
Balancing spring pads		87.1%	142
Balancing spinner		32.5%	53
Climbing cubes		37.4%	61
Parallel bars		27.6%	45
Teeter totter		86.5%	141





# Survey Results continued

Choose 3 pieces of your favorite sliding equipment:

		%	Count
Group slide		56.4%	93
Roller slide		72.7%	120
Wave slides		70.3%	116
Turf slide		35.2%	58
Tube slide		33.9%	56





# Survey Results continued

Choose 3 pieces of your favorite spinning equipment





# Survey Results continued

Choose 3 of your favorite pieces of brachiating equipment:

		%	Count
Monkey bars		55.2%	90
Climbing structure		72.4%	118
Pull roller		38.0%	62
Rope swing		66.9%	109
Wheel monkey bars		37.4%	61





# Survey Results continued

Choose 3 of your favorite pieces of social equipment:

		%	Count
Game table		35.4%	58
Imaginary play		64.0%	105
Playhouse & stage		86.6%	142
Quiet seating area		39.0%	64
Retreat hut		46.3%	76





# Survey Results continued

Choose 3 pieces of your favorite Adult Fitness equipment

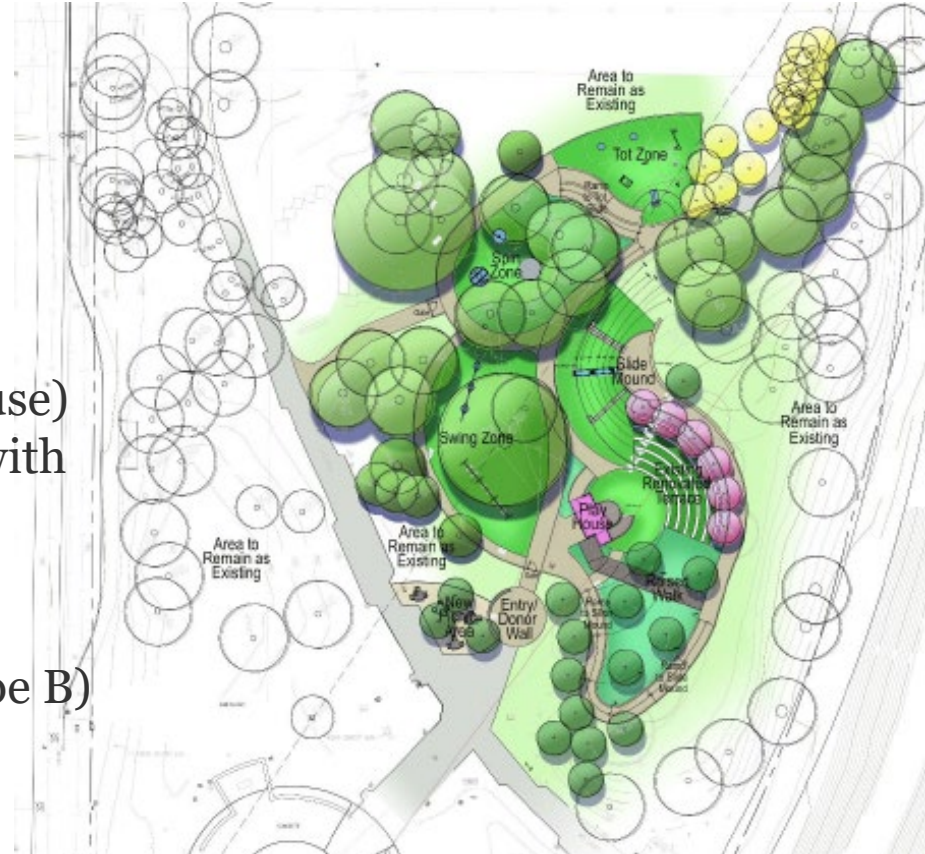
		%	Count
Chest press		66.0%	105
Lateral pull		45.9%	73
Static combo		44.7%	71
Shoulder press		36.5%	58
Elliptical		73.0%	116



# Playground Design

**Design Scope - (Est. Constr. \$2.5M)**

- **Play Zones (Scope A)**
  - Child Zone (ages 2-5)
  - Spin Zone
  - Swing Zone
  - Slide Mound
  - Imagination Zone (2 Story Playhouse)
  - Existing Terrace Seating (remain with Synthetic Turf Added)
  - Donor Entry Plaza
  - Picnic Area
  - **Restroom Rehabilitation (Scope B)**
- **Construction Contingency (\$.25M)**





# Playground Design

- **Add/Alternate 1-Playground Elements (Scope C)**

(est. const. \$860k)

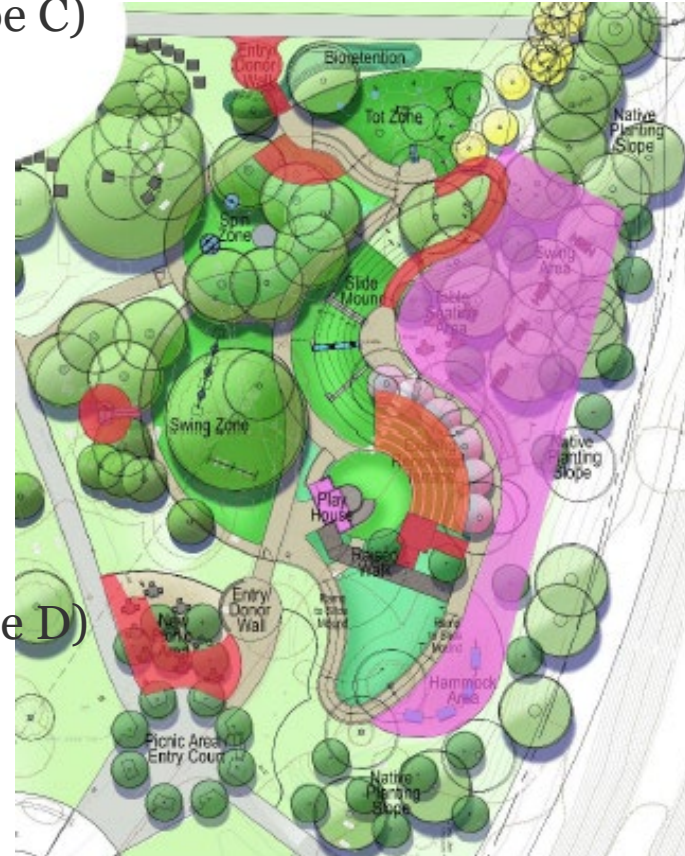
- Hill Top Play Area (purple)
- Swings
- Hammocks
- Look Out
- Access Ramp
- Seating
- Innovation Zone (Laser Harp)
- Sway Boat
- Full Renovation of Existing Terrace
- Adult Fitness Area
- Lookout/Balcony Deck to Playhouse

- **Add/Alternate 2-Walk way & entrance (Scope D)**

(est. const. \$130k unfunded)

- **Other CIP Projects (CP Master Plan)**

- **Secondary** Entry (funded)
- Expanded Picnic Area (unfunded)





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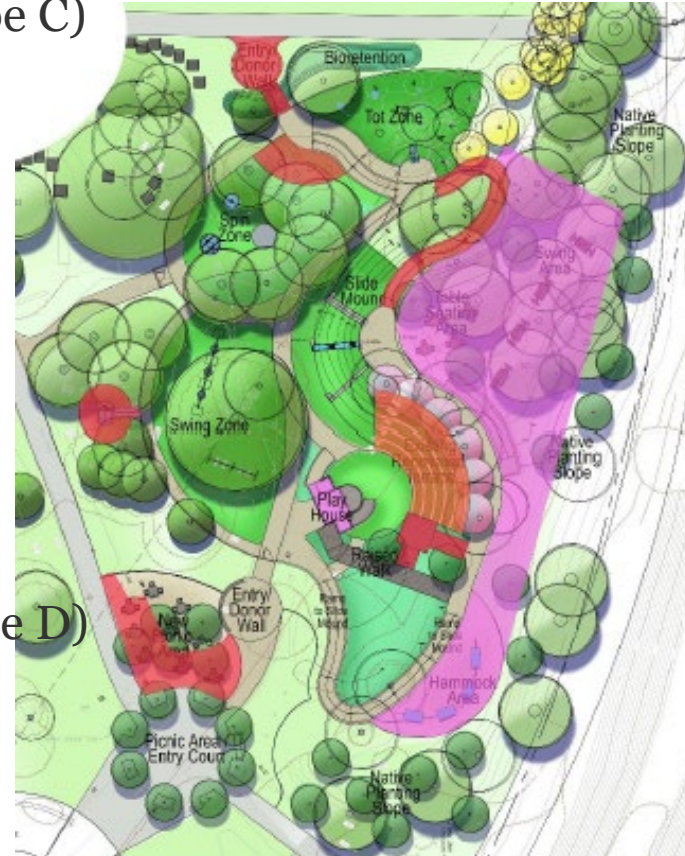
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# Swing & Sway Zone





# Spin Zone





# Climb & Slide Zone





# Children's Play Area (ages 2-5)





# Innovation Zone





# Imaginative Play Zone





# Magical Playground Design Review

- Ensures all elements of play are included
  - Swinging
  - Spinning
  - Sliding
  - Climbing
  - Balancing
  - Brachiating (upper body)
  - Free play/Imagination & Technology
- Ensures all levels of skill/challenge are included
  - beginner, intermediate, and advanced

Play Activity	Ages 2-6	Capacity	Capacity w/ Add Alts	Ages 6-12	Capacity	Capacity w/ Add Alts
Swinging						
	BeginnerSpring toys	3	3	Sway boat	0	8
	IntermediateSpring toys	3	3	Disk swings	12	12
	AdvancedTot Swings	2	2	Bucket, tandem and belt	6	6
Spinning						
	BeginnerTot cup spinner	1	1	Disk spinner	6	6
	IntermediateDisk spinner	6	6	In ground carousel	8	8
	AdvancedIn ground carousel	8	8	Net spinner	12	12
Balancing						
	BeginnerTot climbing structure	4	4	Handrail defined elevated walks	15	15
	IntermediateSpring riders, tot swings	5	5	Seat walls	10	10
	AdvancedSlide Hill with U climbers	5	5	Slide mound with parallel bar climbers	15	15
Sliding						
	BeginnerSynthetic turf slope	6	6	Synthetic turf slide mound	10	10
	IntermediateTot slide	4	4	Roller slide on play mound	8	8
	AdvancedTot slide	4	4	Stainless steel slides	15	15
Climbing						
	BeginnerRubberized surface for full access	15	15	Handrail defined elevated walks	15	15
	IntermediateTot slide mound	6	6	Slide mound with U and parallel climbers	15	15
	AdvancedTot Climbing Structure	4	4	Sway Bridge at Playhouse	0	6
Running/Free Play						
	BeginnerRubberized surface for full access	15	15	Defined access pathways	15	15
	IntermediatePlayhouse	12	12	Innovation/music zone	0	8
	AdvancedLoop path	8	8	Imagination zone/stage	8	8
Brachiating						
	BeginnerTot slide mound	5	5	Roller table	0	3
	IntermediateTot slide Hill with U climbers	5	5	Pull up bar fitness equipment	0	3
	AdvancedTot Climbing Structure	4	4	Slide mound with parrallel bar climbers	4	4
	Total (Ages 2-6):	125	125	Total (Ages 6-12):	174	202
	Total (All Ages) No Add Alternates:	299		Total (All Ages) with Add Alternates:	327	



## **Project Schedule (estimated)**

- Community Input: January - October 2020
- Parks & Recreation Commission Review and Rec.: Oct 20, 2020
- Council Review & Approval of Schematic Design: December 2020
- Construction Plans, Specifications & Cost Estimate: Fall 2021
- Bid & Award: Winter 2021
- Project Construction: Early 2022
- Playground Open: Spring 2023

# Commission Consideration

## Procedure

- Commission Questions & Comments
- Commission Recommendation to Council
  - Refer to Playground Schematic Design (slides 22, 23, 35)
- Commissioner Motion/Second
- Public Comment
- Commissioner Votes





# **Parks & Recreation Commission**

**Magical Bridge Playground  
Schematic Design –  
Recommendation for  
Approval**

**October 20, 2020**