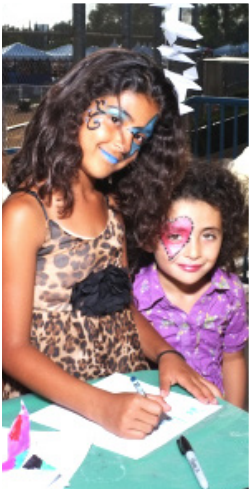


City of Irvine
Parks Master Plan
FINAL | JULY 2015

ADA Assessment of Play Areas in Irvine Parks



TECHNICAL SUPPLEMENT





I. INTRODUCTION

The American with Disabilities Act (ADA) is a comprehensive civil rights law for persons with disabilities in both employment and the provision of goods and services. The ADA states that its purpose is to provide a "clear and comprehensive national mandate for the elimination of discrimination against individuals with disabilities." Congress emphasized that the ADA seeks to dispel stereotypes and assumptions about disabilities and to assure equality of opportunity, full participation, independent living, and economic self-sufficiency for people with disabilities.

Play area standards had not been included in the ADA Standards for Accessible Design prior to 2010. Along with the other new recreation facility guidelines, new play area standards became effective March 15, 2012. Now that these standards have been adopted as enforceable by the Department of Justice, all newly constructed and altered play areas covered by the ADA are required to comply.

The new standards adopted in 2012 establish design specifications for play areas to create usability and access for people with disabilities. Emphasis is placed on ensuring that children with disabilities are able to access the diversity of components provided in a play area and participate in integrated play with other children.

Play areas may contain components that are not specifically addressed in the technical provisions of the ADA Standards. All play components must be accessible to and usable by people with disabilities in order to meet the requirements of the ADA.

Physical barriers can prevent children with disabilities from accessing all play elements in a play area. Physical barriers can also prohibit adult caregivers with disabilities from engaging with their children and responding when a child is in need of assistance.

Evaluation Methodology

Play areas were assessed in March 2015. Each play area was visited in the field by an International Code Council (ICC) Accessibility Inspector / Plans Examiner and evaluated for compliance with the standards.

Play area evaluators used a checklist reflecting the 2010 Accessibility Standards for Accessible Design and the 2013 California Building Code, Chapter 11-B. The evaluations include both scoping requirements and technical standards.

- **Scoping.** Defines the number of required ground level and elevated play components located on an accessible route. These numbers are prescribed based on the number of elevated play components. Also included here is a minimum number of types of play elements and routes to accessible play elements. An elevated play component is a play component that is approached above or below grade and is part of a composite play structure. Play components that are attached to a composite play structure and that can be approached from a platform or deck area are considered elevated play components. Ground-level play components are items that can be approached and exited at ground level. For example, a child approaches a spring rider at ground level via the accessible route. The child may ride then exit directly back onto the accessible route. The activity is considered ground level because the child approaches and exits it from the ground-level route.

Different “types” of play components are based on the general experience provided by the play component. Different types include, but are not limited to, experiences such as rocking, swinging, climbing, spinning, sand play and sliding.

- **Technical.** Technical standards define the structural requirements of play areas deemed accessible. They include guidance on surfaces, slopes, heights, widths, and other physical conditions considered to provide an accessible experience to users.

Parks with Play Areas Included in this Study Include:

Blue Gum Park	Oak Creek Park
Brywood Park	Orchard Park
Canyon Park	Pepperwood Park
Carrotwood Park	Pinewood Park
Chaparral Park	Plaza Park
Citrusglen Park	Presley Park
College Park	Racquet Park
Colonel Bill Barber Park	Ranch Park
Comstock Park	San Carlo Park
Coralwood Park	San Leandro Park
Cypress Park	Settlers Park
David Sills Park	Silkwood Park
Deerfield Park	Stonegate Park
Dovecreek Park	Sweet Shade Park
Heritage Park	Sycamore Park
Hicks Canyon Park	Turtle Rock Park
Hoepfner Park	University Park
Homestead Park	Valencia Park
Knollcrest Park	Valley Oak Park
Las Lomas Park	Willows Park
Meadowood Park	Woodbury Park
Northwood Park	

Links to Guidance Documents

2010 ADA Standards for Accessible Design

www.ada.gov/regs2010/2010ADAStandards/2010ADAStandards_prt.pdf

2005 Accessible Play Areas, a Summary of Accessibility Guidelines for Play Areas

www.access-board.gov/attachments/article/1369/play-guide.pdf

2014 Surfacing the Accessible Playground

www.access-board.gov/guidelines-and-standards/recreation-facilities/guides/surfacing-the-accessible-playground

2013 California Building Code Chapter 11B Accessibility to Public Buildings, Public Accommodations, Commercial Building and Publicly Funded Housing

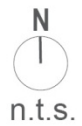
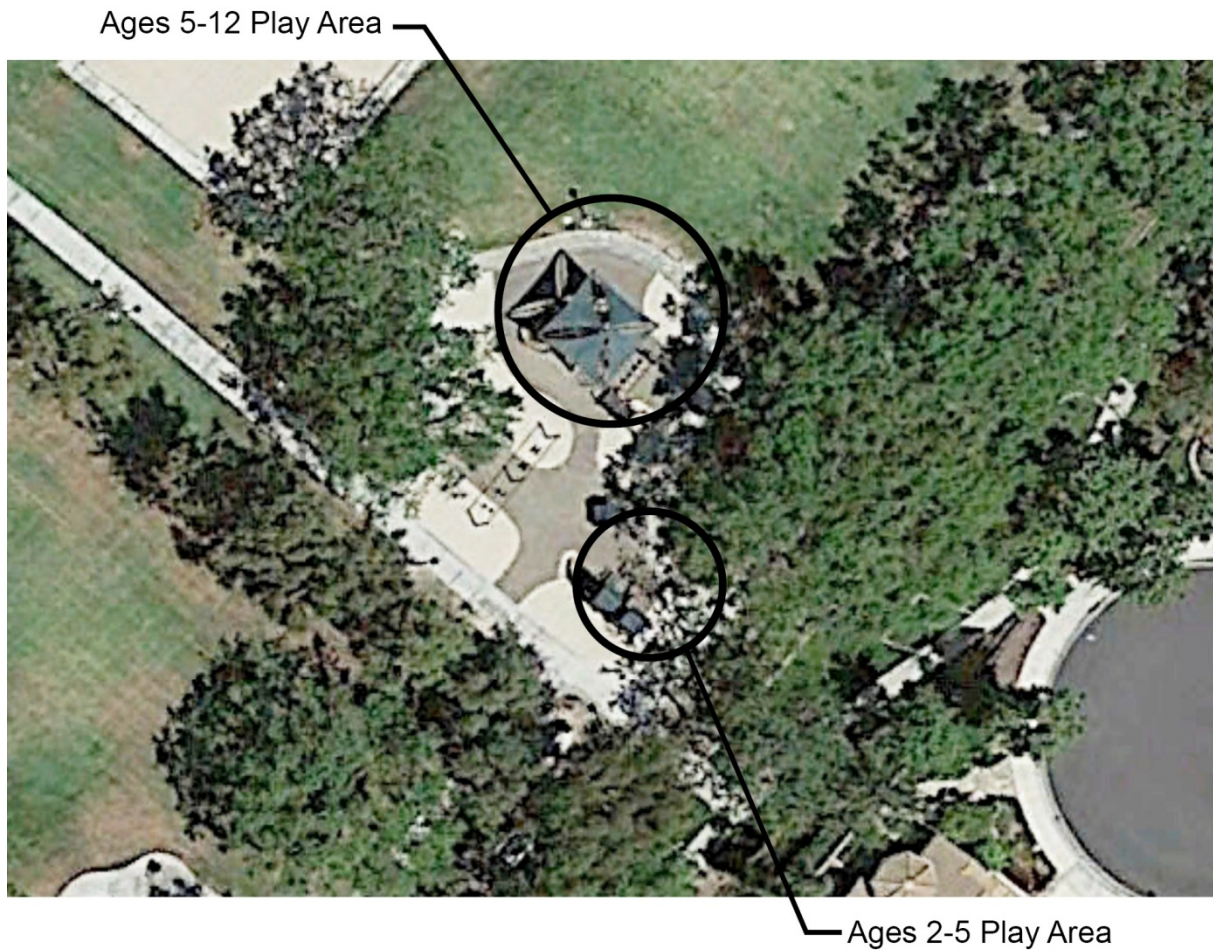
www.documents.dgs.ca.gov/dsa/pubs/2013CBC_Advisory_Manual.pdf

Planning Cost Estimates

The costs contained in the reports represent a planning level cost estimate that can be used to approximate the cost for removing individual barriers in each play area. The cost estimates are based on an opinion of the possible cost of materials and construction and do not include planning, design, inspection and administration costs or an escalation factor to adjust for future projects. In some cases, cost, have not been assigned due to the need for further evaluation.

BLUE GUM PARK

14 Aberdeen, Irvine, CA



Blue Gum Park: Ages 2 to 5 Play Equipment Area

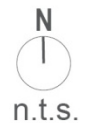
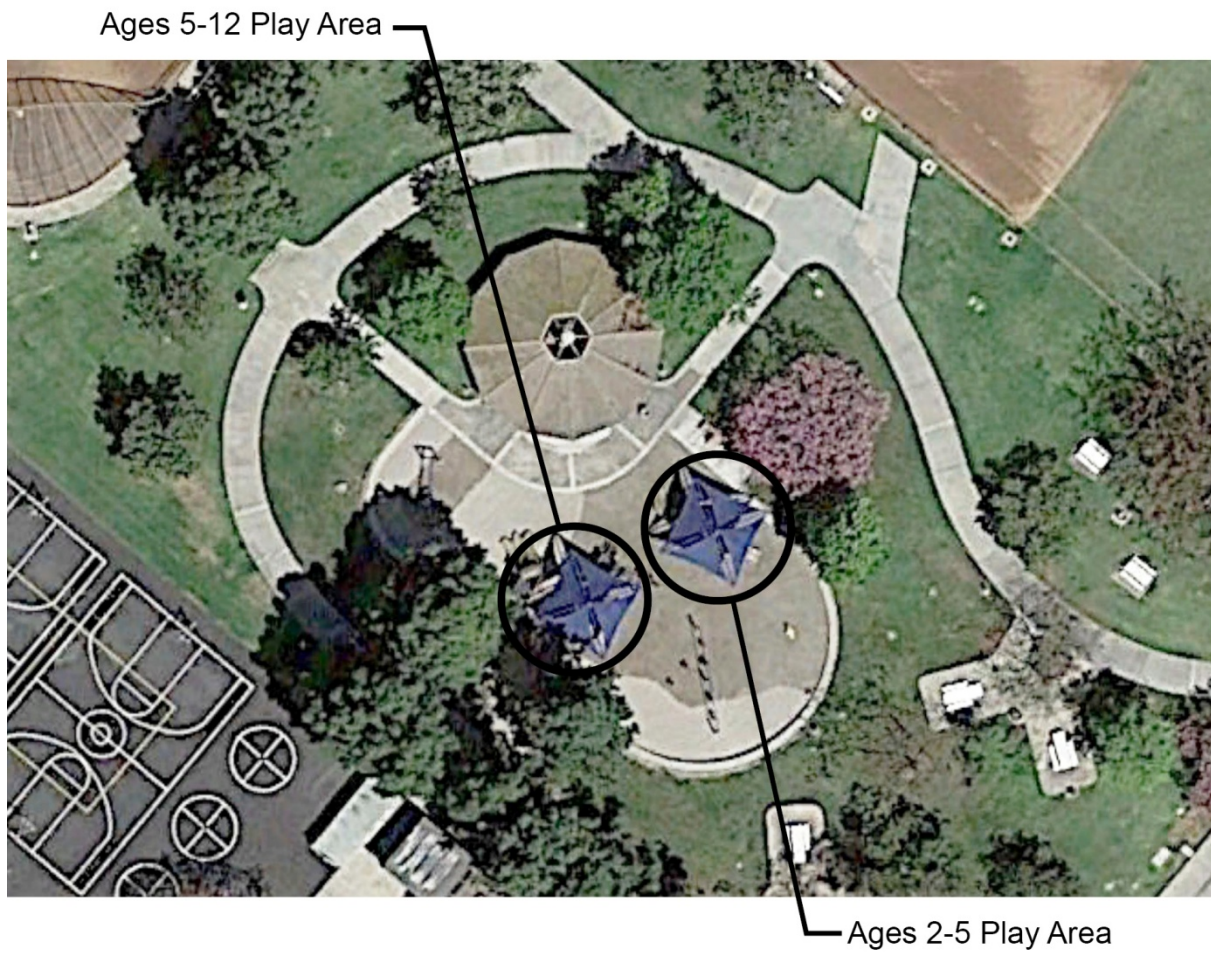
Action	Action Note	Planning Cost Estimate	Relevant Code
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer has a slope of up to 3.5 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide play components	Knee space at play table is 17 inches high and 23 inches wide between benches (knee clearance shall be 24 inches high minimum and 30 inches wide minimum for tables not set up for parallel approach). The table is not positioned to allow for a parallel approach. Table is 11 inches behind front of benches.	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Total		\$5,600	

Blue Gum Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	Vertical clearance at the accessible route under horizontal ladder is 78-3/4 inches (80 inches minimum required).	\$125	CBC 11B-1008.2 ADA 1008.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. There is a 3/8 inch gap between the poured in place surface and adjacent concrete, will need maintenance in future.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 3.5 percent (2.0 percent maximum permitted).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 30 by 48 inch minimum clear space with a slope of 2.0 percent maximum is not provided at the overhead spinner due to sand ground surface.	\$400	CBC 11B-1008.4.2 ADA 1008.4.2
Total		\$1,125	

BRYWOOD PARK

15 Westwood, Irvine, CA



Brywood Park: Ages 2 to 5 Play Equipment Area

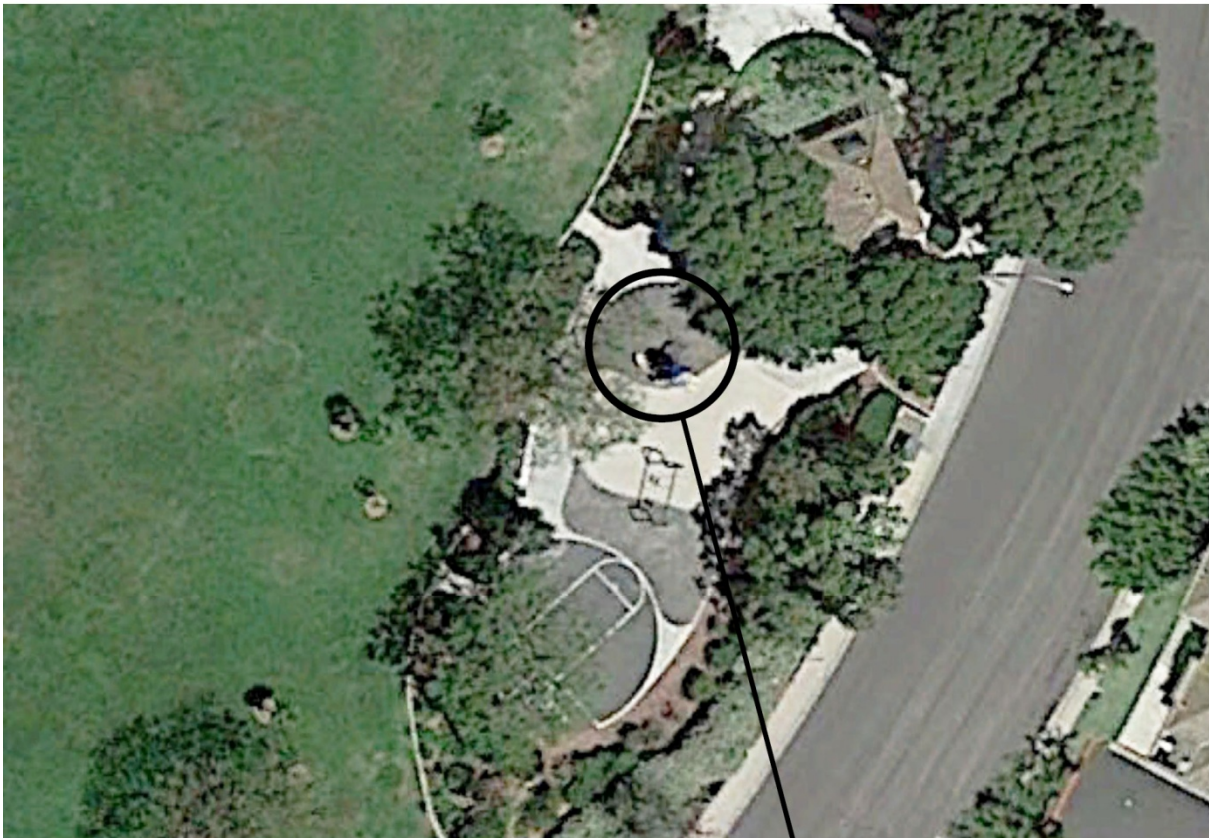
Action	Action Note	Planning Cost Estimate	Relevant Code
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 2.2 percent (2.0 percent maximum permitted).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide play components	Knee space at play table is 20-3/4 inches high and 23 inches wide between benches (24 inches minimum height and 30 inches minimum width). The table is not positioned to allow for a parallel approach. Table is 11 inches behind front of benches.	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Total		\$5,600	

Brywood Park: Ages 5 to 12 Play Equipment Area

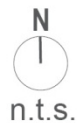
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Deteriorated top surface.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide play components	Four ground level play components of two different types are provided for the 11 elevated play components on the structure (four ground level components of three different types minimum required).	\$5,000	CBC 11B-240.2.1.2 ADA 240.2.1.2
Total		\$5,200	

CANYON PARK

6 Canyon Park, Irvine, CA



Ages 2-5 Play Area

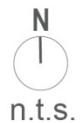


Canyon Park: Ages 2 to 5 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	An accessible route is not provided to alphabet panel due to 12 inches wide poured in place surface and sand for six linear feet.	\$180	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Top layer of surface worn near swings.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 30 by 48 inch minimum clear space with a slope of 2.0 percent maximum is not provided at the alphabet panel due to sand surface.	\$400	CBC 11B-1008.4.2 ADA 1008.4.2
Total		\$780	

CARROTWOOD PARK

60 Bennington, Irvine, CA



Carrotwood Park: Ages 2 to 5 Play Equipment Area

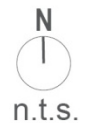
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 2.3 percent (2.0 percent maximum allowed). Transfer platform surface height is 10-1/2 inches (11 inches minimum to 18 inches maximum allowed) above the accessible surfacing.	\$5,000	CBC 11B-1008.3.1.2 CBC 11B-1008.3.1.3 ADA 1008.3.1.2 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Total		\$5,200	

Carrotwood Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	An accessible route is not provided to the play table at the ages 5 to12 play structure. Play table is located in sand.	\$400	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 2.6 percent (2.0 percent maximum permitted).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	The ground level play panel is centered at 48 inches above accessible surface with the highest operable point at 61 inches (adult maximum reach is 48 inches; advisory: 44 inches maximum for ages 5 to12).	\$125	CBC 11B-308.1 ADA 308.1
Provide play components	Knee space at play table is 20-5/8 inches high and 9-7/8 inches deep (knee clearance shall be 24 inches high minimum with a minimum depth of 17 inches).	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Total		\$6,125	

CHAPARRAL PARK

19032 Turtle Rock Drive, Irvine, CA



Chaparral Park: Ages 2 to 5 Play Equipment Area

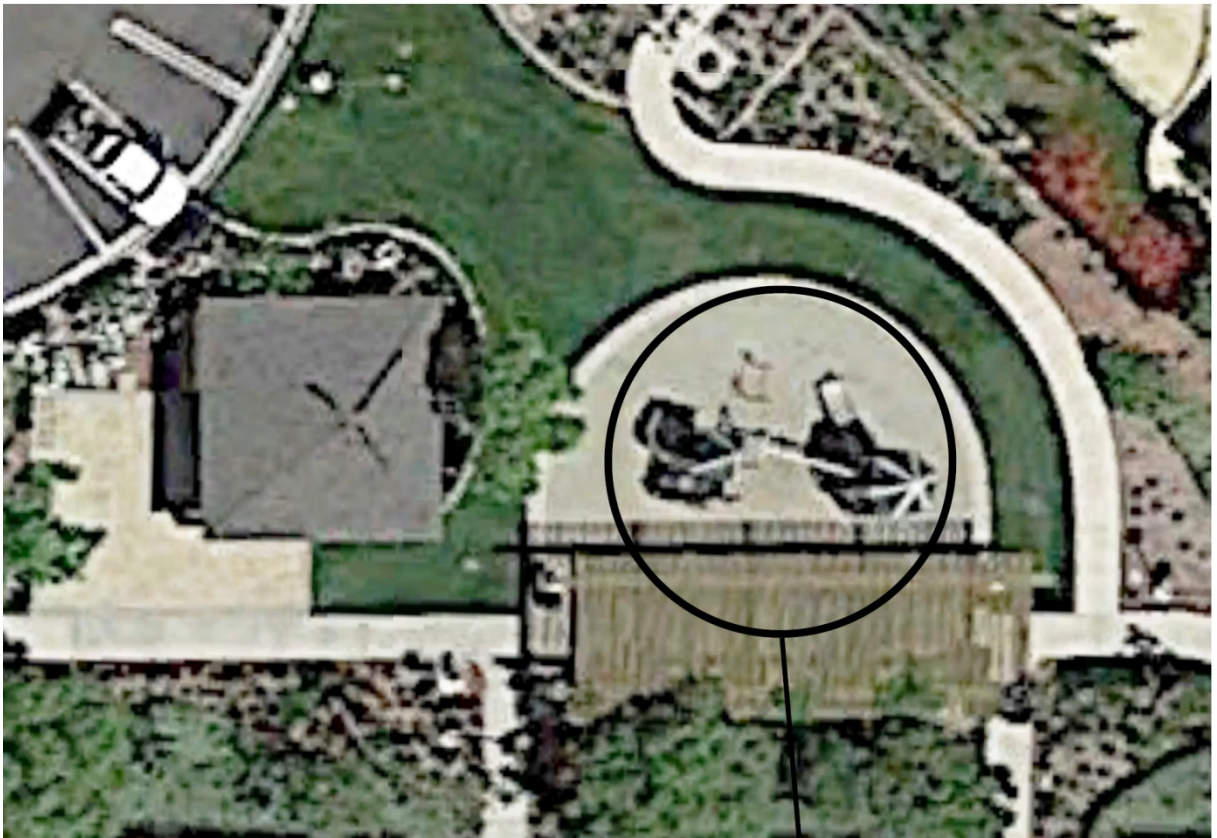
Action	Action Note	Planning Cost Estimate	Relevant Code
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 3.0 percent (2.0 percent maximum permitted).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	The 30 by 48 inch ground space at the swings has a slope of up to 2.5 percent (2.0 percent maximum allowed). The 30 by 48 inch ground space at table has a slope of up to 3.7 percent (2.0 percent maximum allowed).	\$800	CBC 11B-1008.4.1 CBC 11B-1008.4.2 ADA 1008.4.1 ADA 1008.4.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Total		\$1,400	

Chaparral Park: Ages 5 to 12 Play Equipment Area

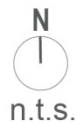
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Deteriorated top surface.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Modify play component	The 30 by 48 inch ground space adjacent to the uphill swing has a slope of up to 2.3 percent (2.0 percent maximum allowed). The 30 by 48 inch ground space adjacent to the maze panel has a slope of up to 2.4 percent (2.0 percent maximum allowed).	\$0	CBC 11B-1008.4.2 ADA 1008.4.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Total		\$200	

CITRUSGLEN PARK

12170 Citrusglen, Irvine, CA



Ages 5-12 Play Area

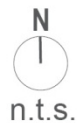
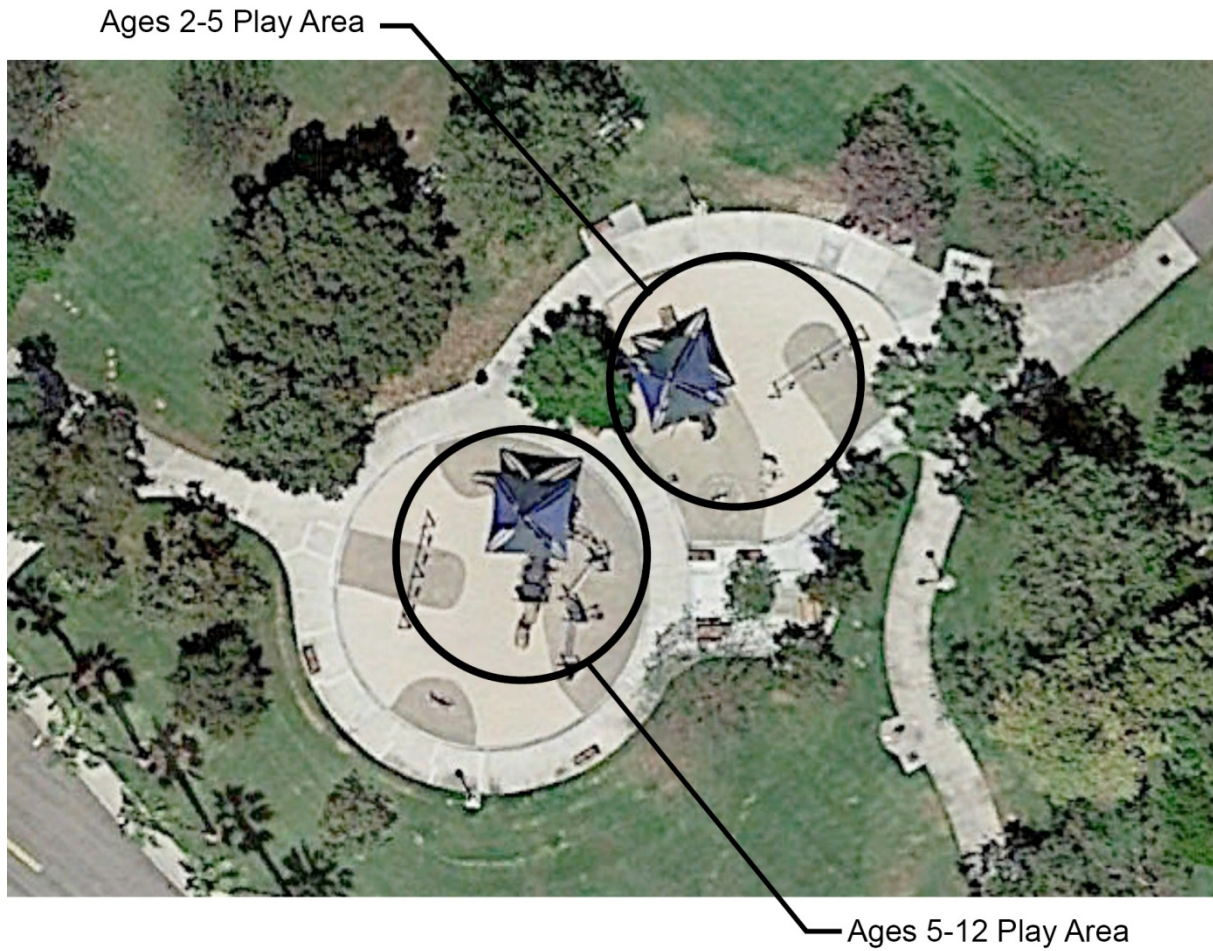


Citrusglen Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Deteriorated top surface and cracks observed in poured in place surface.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	Transfer platform surface heights are 18-1/2 and 20-7/8 inches (11 inches minimum to 18 inches maximum required) above the accessible surfacing. Adjacent decks are 14 or 15-1/2 inches above ground surface but lack the required vertical supports.	\$5,000	CBC 11B-1008.3.1.2 ADA 1008.3.1.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	The ground level spin panel is centered at 45 inches above play surface (advisory: 44 inches maximum for ages 5 to 12).	\$125	CBC 11B-308.1 ADA 308.1
Provide an accessible path of travel	Vertical clearance of accessible route is 67 inches at ring trek (80 inches minimum required).	\$125	CBC 11B-1008.2
Total		\$5,450	

COLLEGE PARK

14471 Mayten, Irvine, CA



College Park: Ages 2 to 5 Play Equipment Area

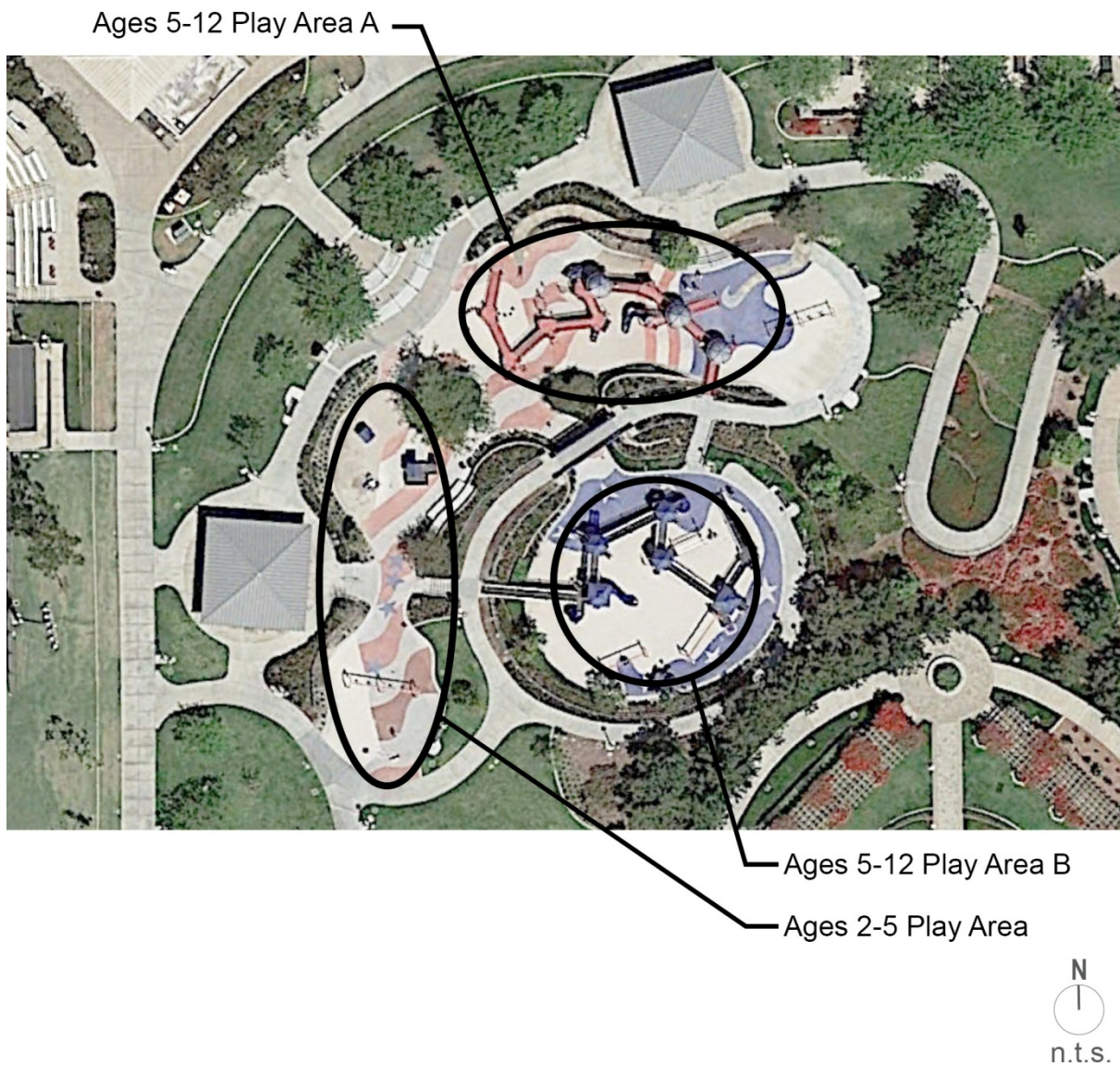
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. There is up to 1/2 inch changes in level between poured in place surface and adjacent concrete. Cracks observed in top layer of accessible surface.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Modify play component	The 30 by 48 inch ground space adjacent to the fire truck spring toy has a slope of up to 2.7 percent (2.0 percent maximum allowed). The 30 by 48 inch ground space adjacent to the toddler swing with belt has a slope of up to 2.3 percent (2.0 percent maximum allowed). The 30 by 48 inch ground space at sand-play tables does not provide an accessible surface.	\$1,200	CBC 11B-1008.4.2 ADA 1008.4.2
Provide play components	Knee space at play table is 20-5/8 inches high (24 inches minimum height for tables not set up for parallel approach). The table is not positioned to allow for a parallel approach. Table is 7-5/8 inches behind front of benches.	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Total		\$6,400	

Tables I-2: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. There are up to 1/2 inch changes in level between poured in place surface and adjacent concrete. Cracks observed in top layer of accessible surface.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 2.4 percent (2.0 percent maximum permitted).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Total		\$600	

COLONEL BILL BARBER PARK

4 Civic Center Plaza, Irvine, CA



Colonel Bill Barber Park: Ages 2 to 5 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	An accessible route is not provided from an accessible play area entry to the club house in the sand play area route is seven linear feet from poured in place surface.	\$210	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Install or modify transfer system	A transfer system is not provided onto the composite structure.	\$5,000	CBC 11B-1008.3 ADA 1008.3
Total		\$5,410	

Colonel Bill Barber Park: Ages 5 to 12 Play Equipment Area A

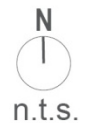
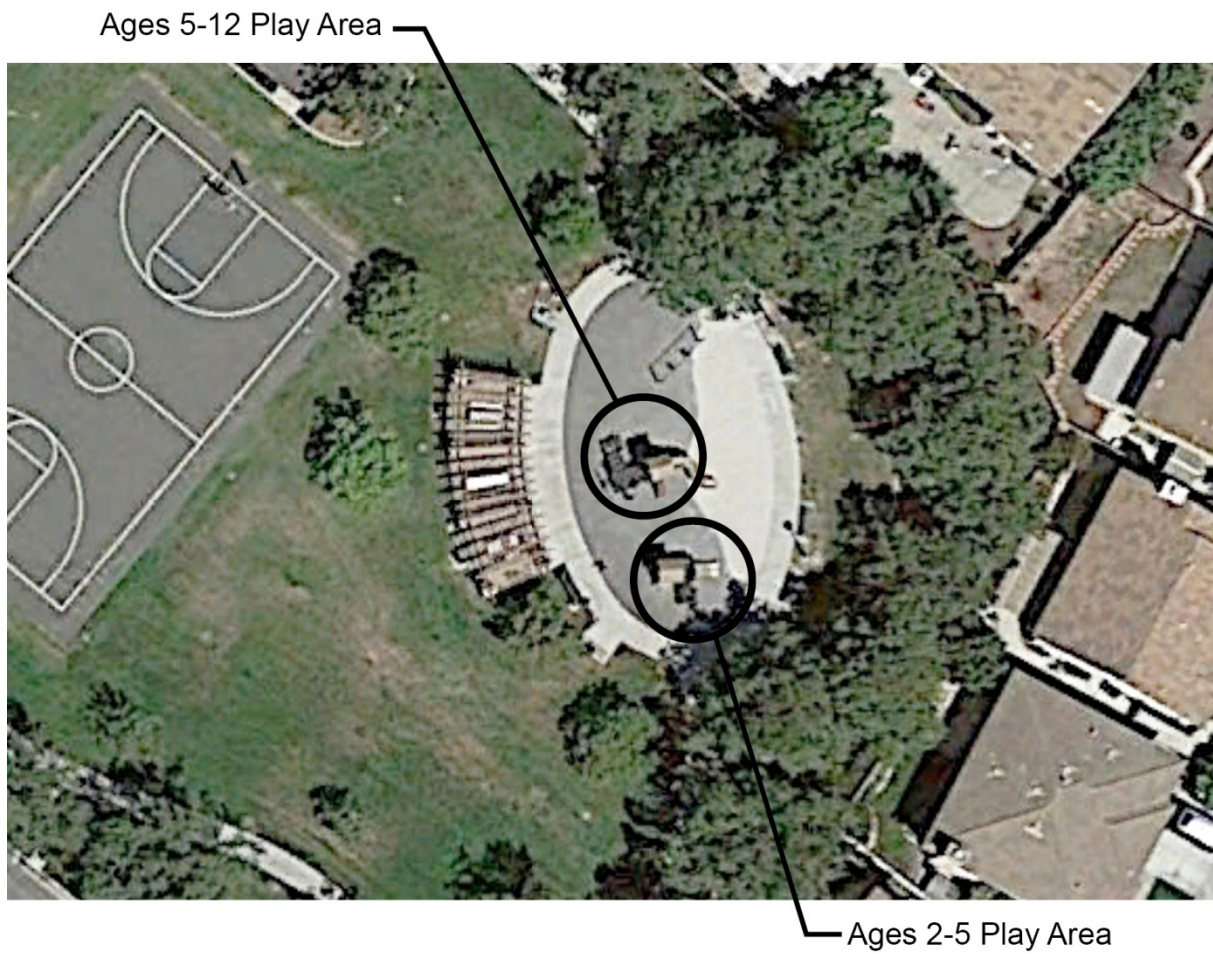
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 30 by 48 inch clear space with a slope of 2.0 percent maximum is not provided at the fossil or spin panels below deck due to sand.	\$400	CBC 11B-1008.4.1 CBC 11B-1008.4.2 ADA 1008.4.1 ADA 1008.4.2
Provide an accessible path of travel	An accessible route is not provided from an accessible play area entry to the fossil and spin panels below the deck in the sand play area, route is seven linear feet from poured in place surface.	\$210	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Total		\$810	

Colonel Bill Barber Park: Ages 5 to 12 Play Equipment Area B

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Regrade or replace ramp	Ramp connecting elevated play components has one section with a 15-1/2 inches rise and another with an 18-1/2 inches rise (12 inches maximum allowed). Three changes in level up to 1/2 inch (ramps are to be free of changes of level) were observed from ramp surfaces to adjacent deck surfaces.	\$0	CBC 11B-405.4 CBC 11B-1008.2.5.2 ADA 405.4 ADA 1008.2.5.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 16 percent at the edge of the poured in place and sand surfaces (2.0 percent maximum allowed).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Total		\$600	

COMSTOCK PARK

5 Countryside Drive, Irvine, CA



Comstock Park: Ages 2 to 5 Play Equipment Area

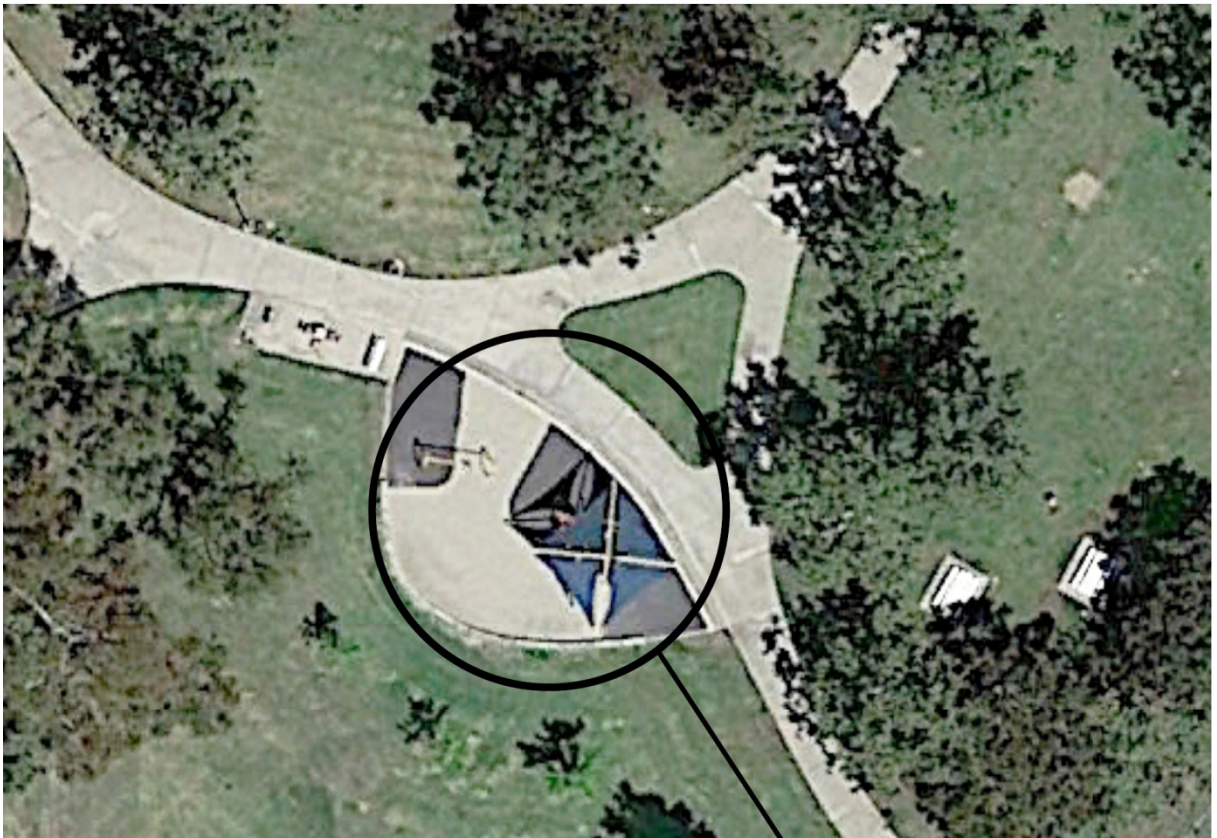
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Sand surface had migrated onto poured in place to a depth that would not be considered firm and stable. Ongoing maintenance required.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Total		\$200	

Comstock Park: Ages 5 to 12 Play Equipment Area

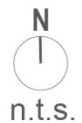
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Sand surface had migrated onto poured in place to a depth that would not be considered firm and stable. Ongoing maintenance required.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide play components	No ground level play components are provided for ages 5 to 12 where five elevated play components are provided (two ground level components are required including two different types of components)).	\$5,000	CBC 11B-240.2.1.2 ADA 240.2.1.2
Total		\$5,200	

CORALWOOD PARK

12 Fremont, Irvine, CA



Ages 5-12 Play Area

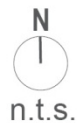
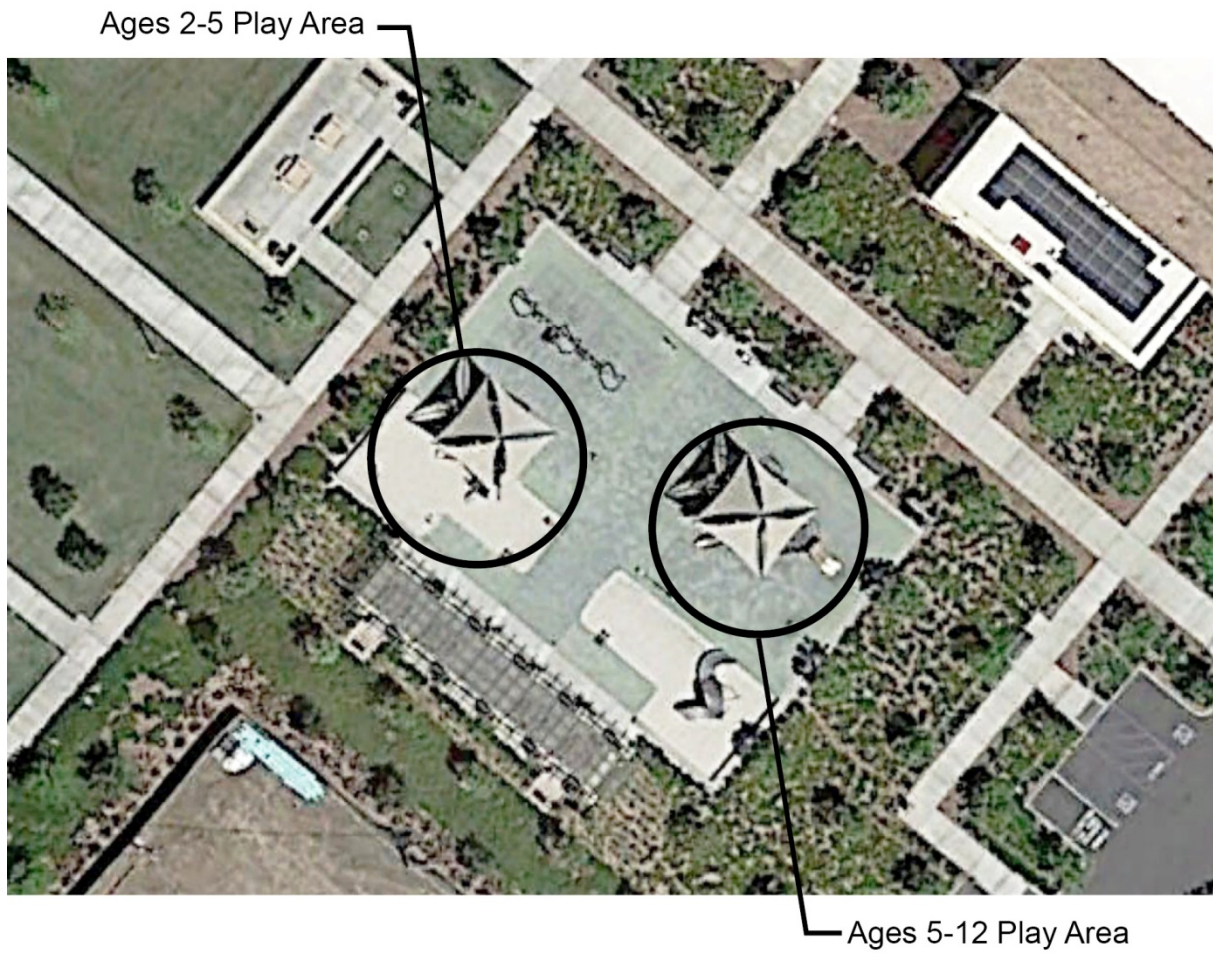


Coralwood Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Provide an accessible path of travel	An accessible route is not provided to the fossil panel or the spin wheel.	\$400	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 3.0 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 30 by 48 inch minimum clear space with a slope of 2.0 percent maximum is not provided at the fossil panel or the spin wheel due to sand surface.	\$400	CBC 11B-1008.4.1 CBC 11B-1008.4.2 ADA 1008.4.1 ADA 1008.4.2
Provide play components	Knee space at play table is 20-3/4 inches high (24 inches minimum height required).	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Total		\$6,400	

CYPRESS PARK

255 Visions, Irvine, CA



Cypress Park: Ages 2 to 5 Play Equipment Area

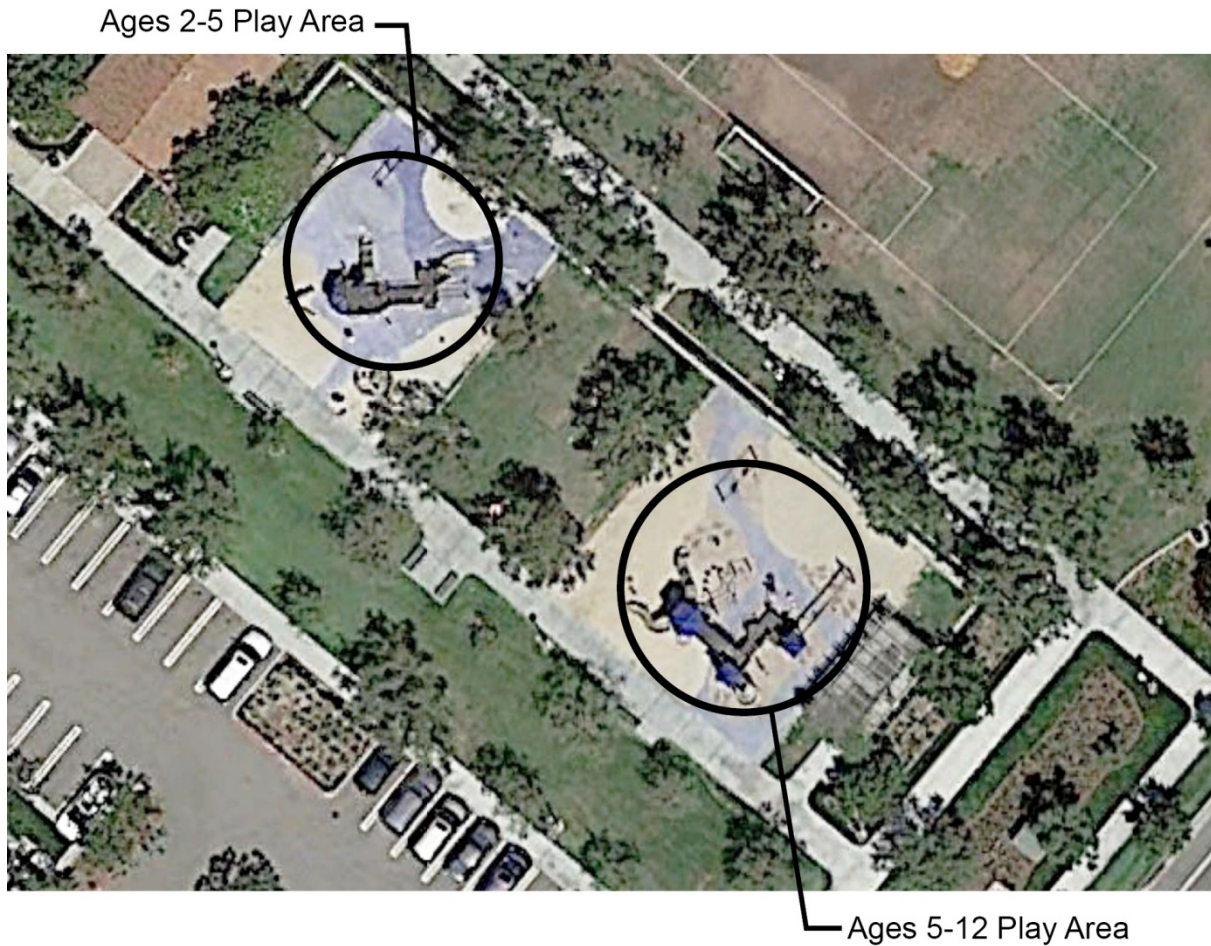
Action	Action Note	Planning Cost Estimate	Relevant Code
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Provide play components	Knee space at play table is 19 inches high (24 inches minimum height required). The table is not positioned to allow for a parallel approach. Table is 11 inches behind front of benches.	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Total		\$5,200	

Cypress Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Total		\$200	

DAVID SILLS PARK

3901 Farwell, Irvine, CA



David Sills Park: Ages 2 to 5 Play Equipment Area

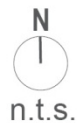
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Deteriorated top layer of poured in place surface has holes up to five by eight inches.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 2.7 percent (2.0 percent maximum permitted).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Provide an accessible path of travel	An accessible route is not provided to the turtle platform, route is four linear feet over sand surface.	\$120	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Total		\$720	

David Sills Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	An accessible route is not provided to the swings. Route to swings overlaps with path of zipline component that is 71 inches above the ground (80 inches minimum overhead clearance required).	\$0	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Deteriorated top layer of poured in place surface.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	Slope of the 30 by 48 inch clear floor space at swings is up to 2.3 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.4.2 ADA 1008.4.2
Total		\$600	

DEERFIELD PARK

55 Deerwood West, Irvine, CA



Deerfield Park: Ages 2 to 5 Play Equipment Area

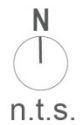
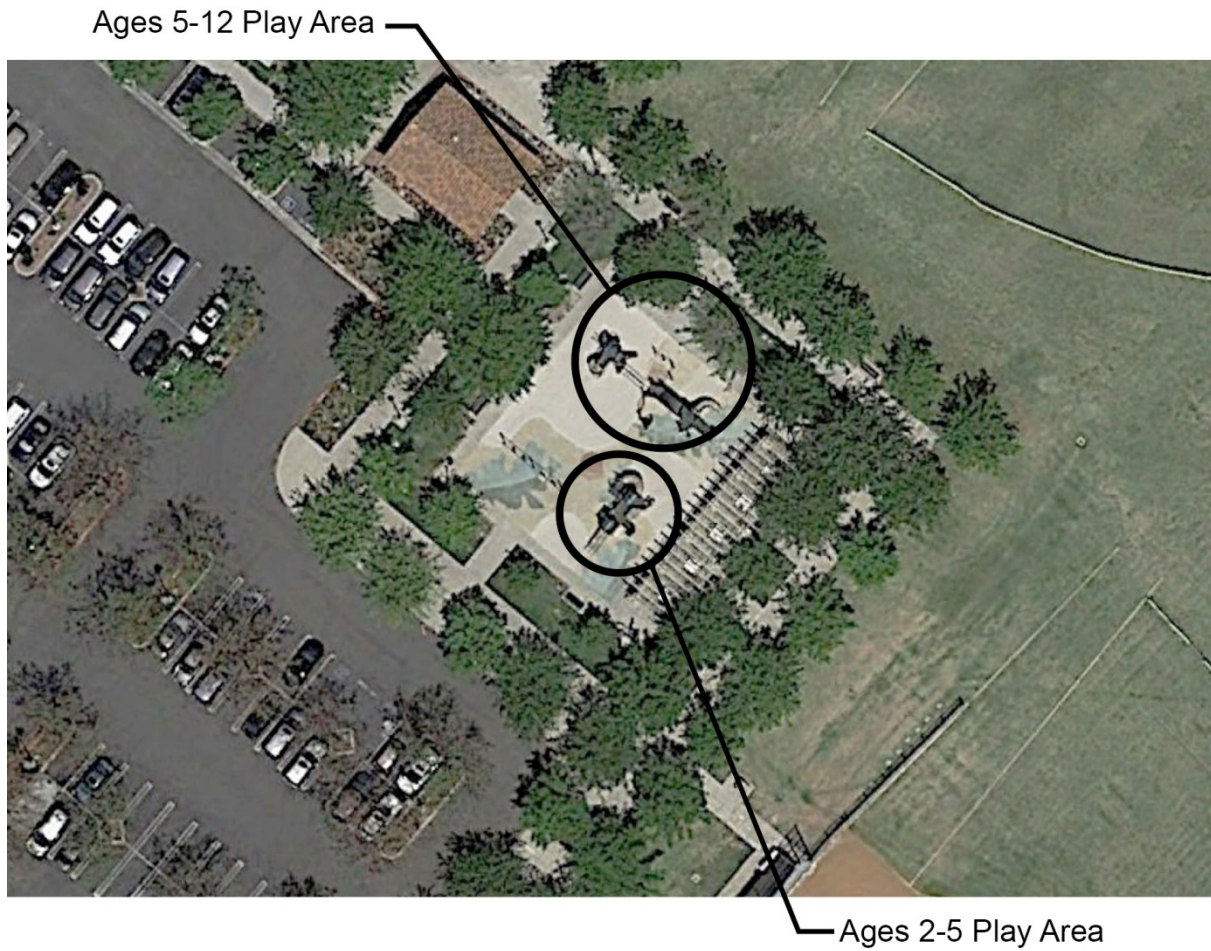
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Provide play components	Three of the five elevated play components are beyond a route that is 17-1/4 inches wide for 49 inches (at least 50 percent of elevated play components must be located on an accessible route).	\$5,000	CBC 11B-240.2.2 ADA 240.2.2
Provide an accessible path of travel	Elevated route on composite structure is 17-1/4 inches wide (36 inches minimum width; may be reduced to 32 inches minimum for a distance of 24 inches max).	\$5,000	CBC 11B-1008.2.4.2 ADA 1008.2.4.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Total		\$10,200	

Tables I-2: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. A 3/4 inch gap was observed between the poured in place surface and the concrete curb.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Provide an accessible path of travel	Accessible routes are not provided to the tire swing or the platform in the sand play area. Bridge route to elevated deck has a 1-5/8 inch change in level at joint in park walk (1/4 inch maximum permitted, up to 1/2 inch with a bevel).	\$0	CBC 11B-303.1 CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 303.1 ADA 1008.2
Provide an accessible path of travel	Path of travel to tire swing is 18 inches wide on outside of climber (ground level routes have 60 inches minimum width for play areas greater than 1,000 square feet. Route may be reduced to 36 inches for a maximum distance of 60 inches). Route to platform is 11 linear feet of sand surface.	\$1,440	CBC 11B-1008.2.4.1 ADA 1008.2.4.1
Total		\$1,640	

DOVECREEK PARK

3 Dovecreek, Irvine, CA



Dovecreek Park: Ages 2 to 5 Play Equipment Area

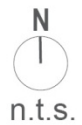
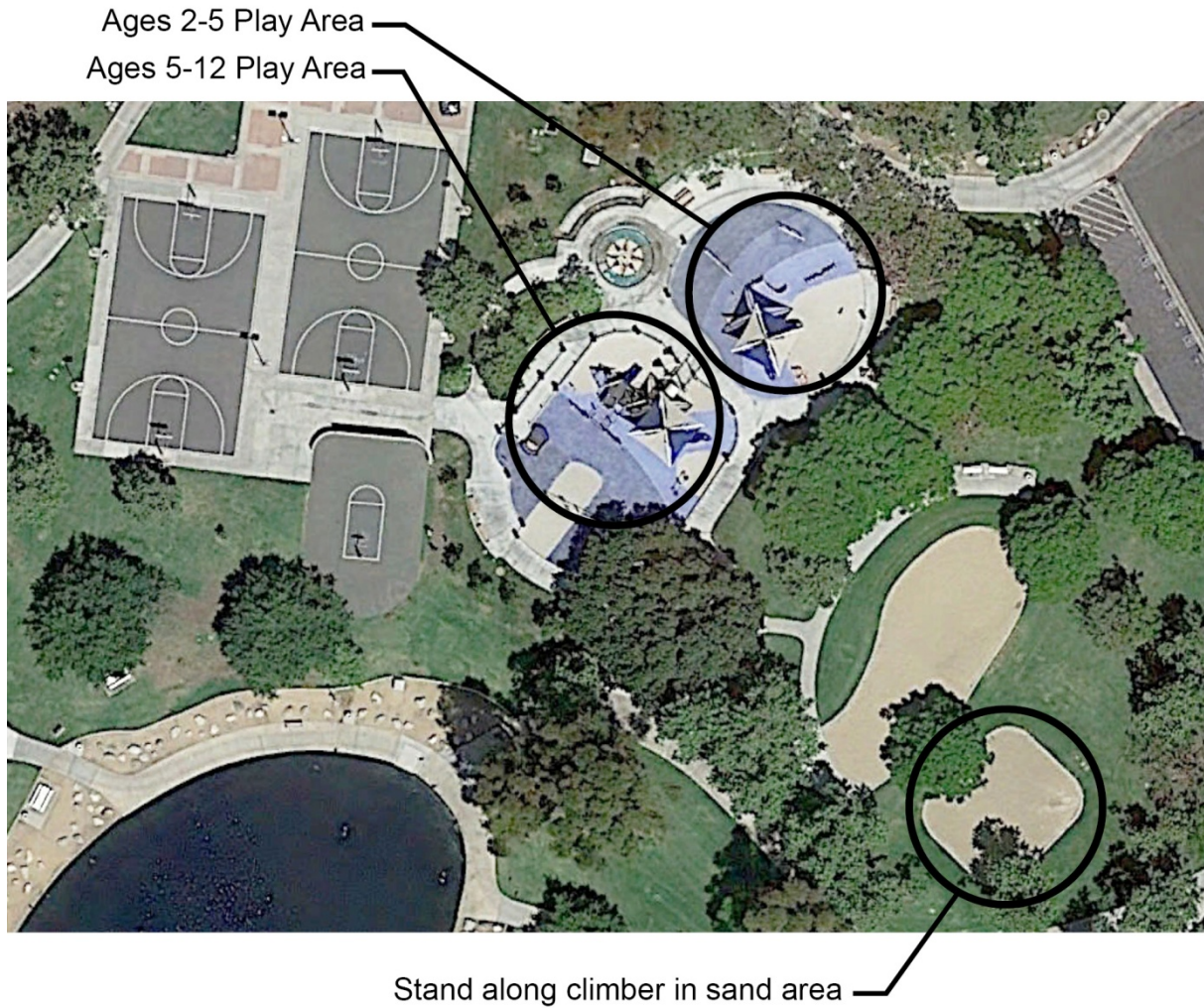
Action	Action Note	Planning Cost Estimate	Relevant Code
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Top layer of poured in place surface worn and separating up to 1/2 inch at color seams.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Total		\$200	

Dovecreek Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Top layer of poured in place surface worn and separating up to 1/2 inch at color seams.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Provide play components	Four ground level play components of two different types are provided for the eight elevated components on the structure (three ground level components are required including three different types of components).	\$5,000	CBC 11B-240.2.1.2 ADA 240.2.1.2
Total		\$5,200	

HERITAGE PARK

14341 Yale Avenue, Irvine, CA



Heritage Park: Ages 2 to 5 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	An accessible route is not provided to the only single user spring toy. Route is seven linear feet over sand surface.	\$210	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Provide an accessible path of travel	Route into ground level boat structure is 32 inches wide (60 inches minimum is required. Route may be reduced to 36 inches wide for a maximum distance of 60 inches).	\$0	CBC 11B-1008.2.4.1 ADA 1008.2.4.1
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Deteriorated top layer of poured in place surface.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	The 30 by 48 inch ground space is not centered at transfer platform due to curve in play surface.	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Provide an accessible path of travel	Elevated route on composite structure is 30 inches wide between central column and slide platform (36 inches minimum width is required; may be reduced to 32 inches minimum for a distance of 24 inches maximum).	\$5,000	CBC 11B-1008.2.4.2 ADA 1008.2.4.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	Talk tube adjacent to transfer platform is not oriented to allow 30 by 48 inch clear floor space to be centered on component. A 30 by 48 inch clear floor space is not provided at sand-play tables due to ground surface.	\$525	CBC 11B-1008.4.2 ADA 1008.4.2

Action	Action Note	Planning Cost Estimate	Relevant Code
Provide play components	Knee space is not provided at sand tables due to inaccessible ground surface (knee clearance shall be 24 inches high minimum, 17 inches deep minimum, and 30 inches wide minimum, unless clear space for a parallel approach is provided).	\$400	CBC 11B-1008.4.3 ADA 1008.4.3
Total		6,735	

Heritage Park: Stand alone climber

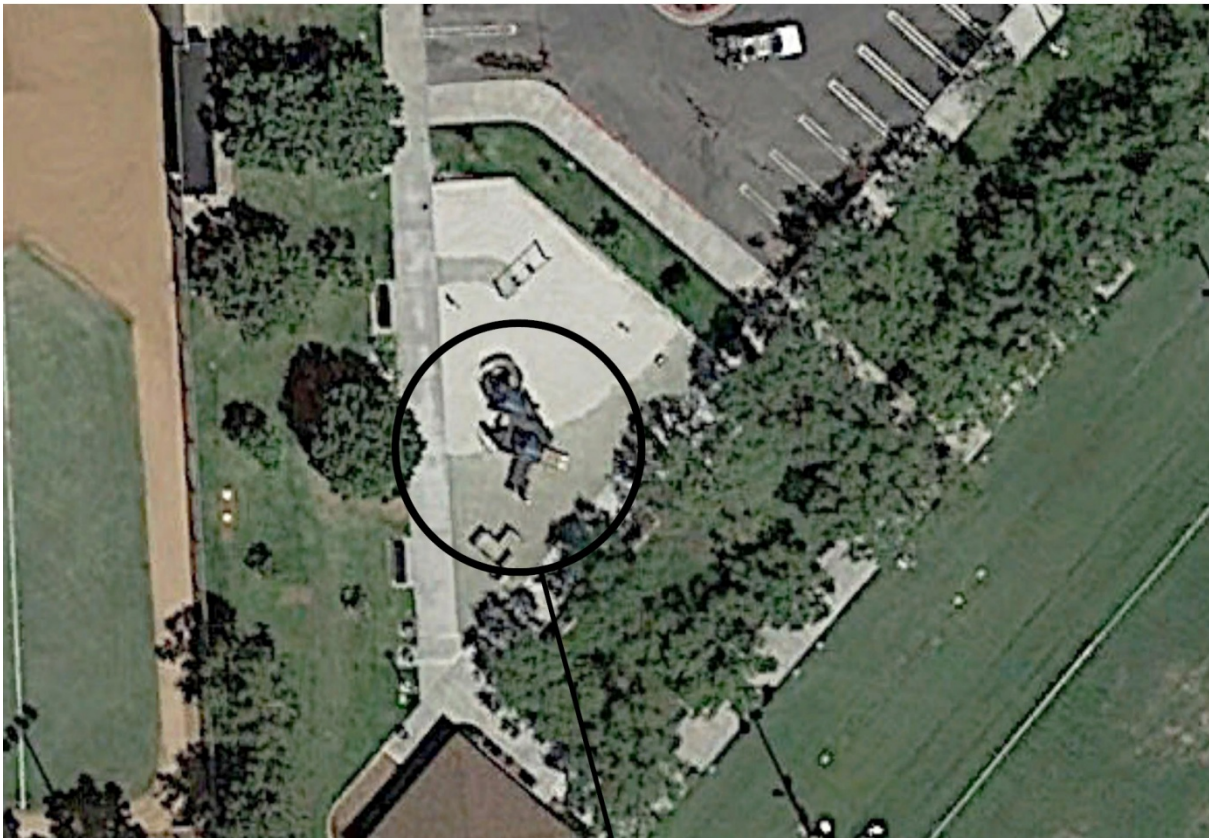
Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	An accessible route is not provided to stand alone climber in sand play area. Route is 20 linear feet over grass to edge of sand.	\$600	CBC 11B-206.2.17 CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 1008.2 ADA 206.2.17
Total		\$600	

Heritage Park: Ages 5 to 12 Play Equipment Area

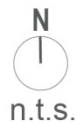
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	Talk tube adjacent to transfer platform is not oriented to allow for the 30 by 48 inch clear floor space to be centered on component.	\$125	CBC 11B-1008.4.2 ADA 1008.4.2
Provide play components	Knee space at play table is 19-1/4 inches high (24 inches minimum height required).	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Regrade or replace ramp	Ramp to elevated play area has a nine inches rise on the concrete and a 10 inches rise on the structure for a combined rise of 19 inches (12 inches maximum is allowed). Ramp has a 3/8 inch change in level at top of incline and a 5/8 inch change in level at concrete/structure transition (ramps are to be free of changes in level).	\$8,500	CBC 11B-405.4 CBC 11B-1008.2.5.2 ADA 405.4 ADA 1008.2.5.2
Total		\$13,825	

HICKS CANYON PARK

3864 Viewpark Avenue, Irvine, CA



Ages 5-12 Play Area

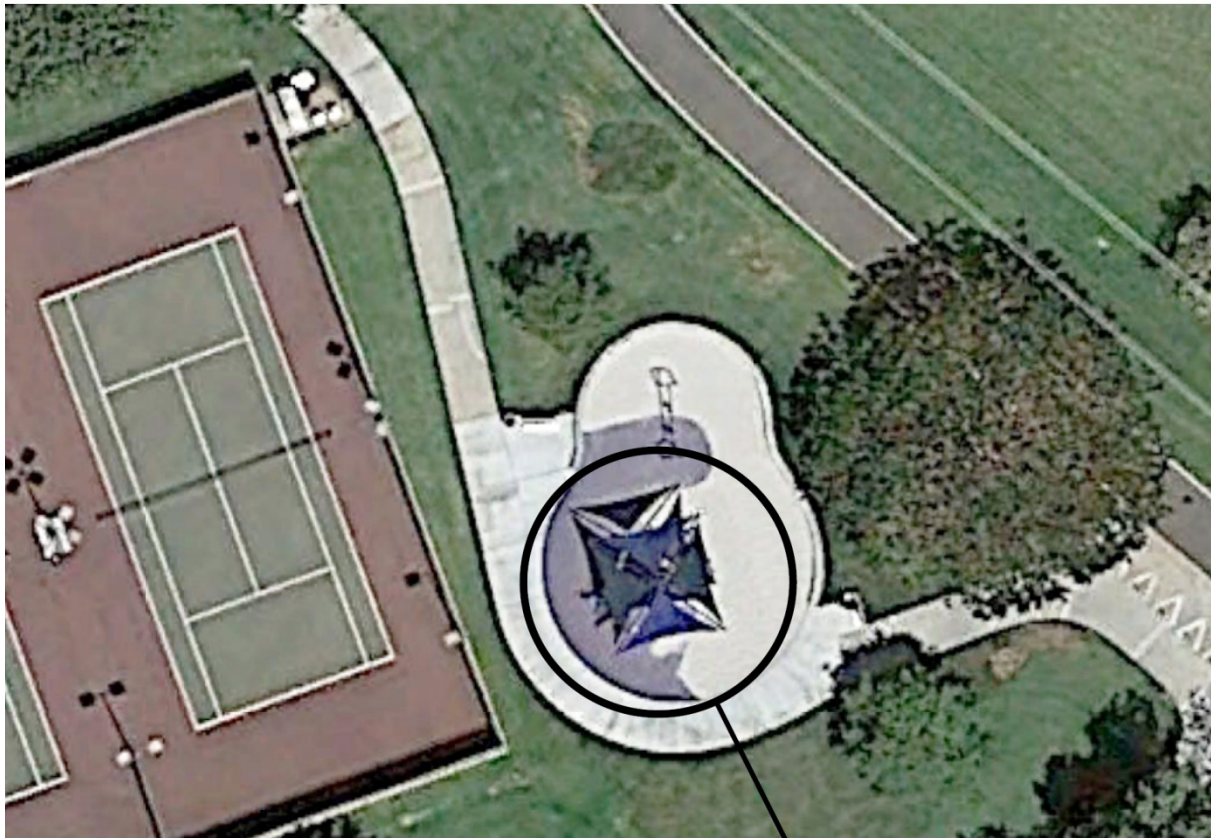


Hicks Canyon Park: Ages 5 to 12 Play Equipment Area

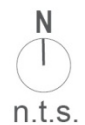
Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	An accessible route is not provided to talk tube or dinosaur spring toy. Talk tube is located in sand 60 inches off accessible path of travel. Dinosaur spring toy is located on sand 96 inches off poured in place surface.	\$390	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 60 inch diameter turning space is not provided at mirror in maze component. Path of travel inside maze is 40 inches wide and doglegs (44 inches wide minimum is required in play areas less than 1,000 square feet).	\$125	CBC 11B-1008.2.4.1 CBC 11B-1008.4.1 ADA 1008.2.4.1 ADA 1008.4.1
Total		\$715	

HOEPTNER PARK

5331 Hoeptner, Irvine, CA



Ages 5-12 Play Area

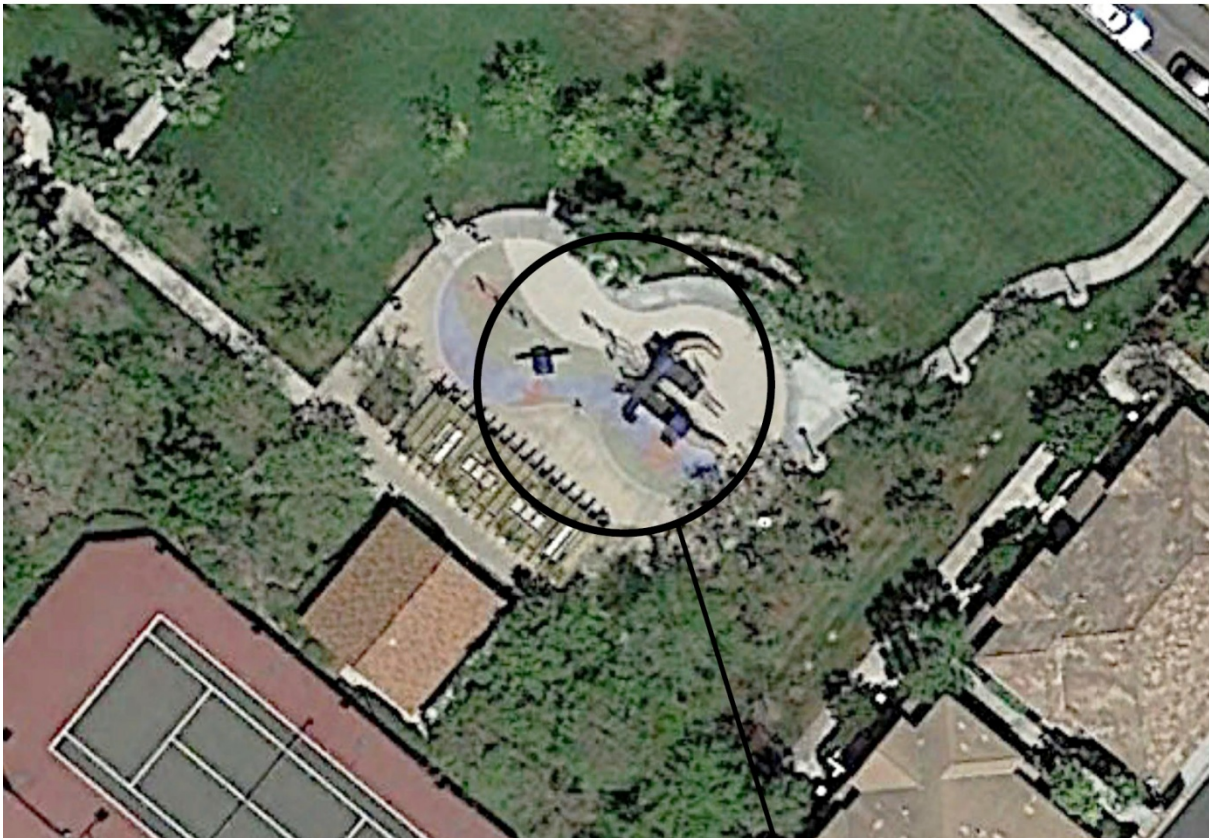


Hoeptner Park: Ages 5 to 12 Play Equipment Area

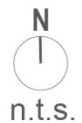
Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	Route to play table is 29 inches wide (44 inches minimum required).	\$125	CBC 11B-1008.2 CBC 11B-1008.2.4.1 ADA 1008.2 ADA 1008.2.4.1
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Sand surface has migrated onto poured in place surface to a depth that would not be considered firm and stable. Ongoing maintenance required.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 30 by 48 inch minimum clear space is not provided at the play table due to slide.	\$400	CBC 11B-1008.4.1 CBC 11B-1008.4.2 ADA 1008.4.1 ADA 1008.4.2
Provide an accessible path of travel	Elevated route on composite structure is 17-1/4 inches wide for 50 inches (36 inches minimum width required; width may be reduced to 32 inches minimum for a distance of 24 inches maximum).	\$5,000	CBC 11B-1008.2.4.2 ADA 1008.2.4.2
Total		\$5,725	

HOMESTEAD PARK

8 Cliffwood, Irvine, CA



Ages 5-12 Play Area

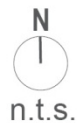


Homestead Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	An accessible route is not provided to the stand alone climber. Climber is in sand. Route is 12 to 36 inches off poured in place surface.	\$120	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 30 by 48 inch minimum clear space is not provided at stand alone climber due to sand surface.	\$400	CBC 11B-1008.4.2 ADA 1008.4.2
Total		\$720	

KNOLLCREST PARK

2065 Knollcrest, Irvine, CA



Knollcrest Park: Ages 2 to 5 Play Equipment Area

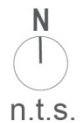
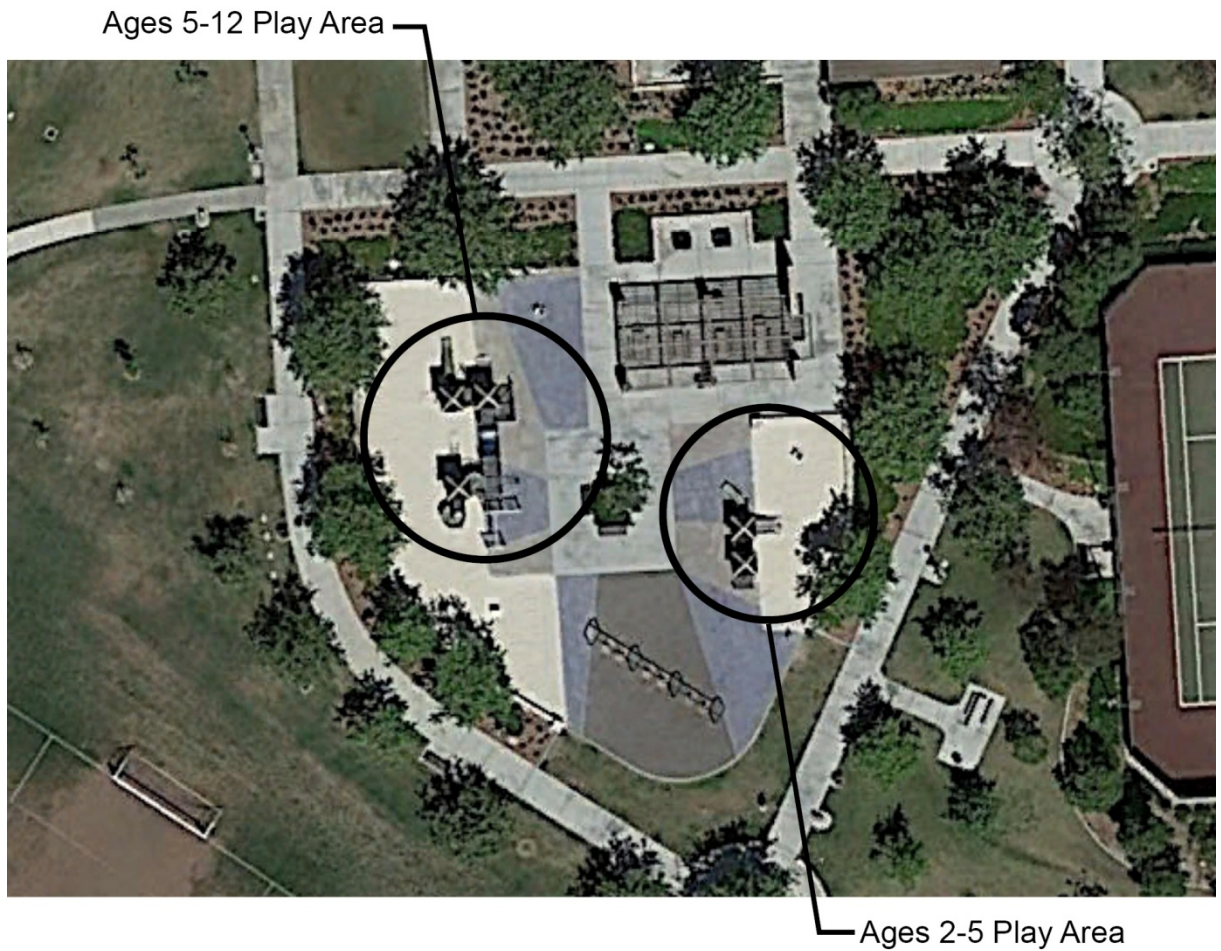
Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	An accessible route to the play equipment area is not provided. Route is 10 linear feet over sand from poured in place surface to spring toy.	\$300	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Cracking and deterioration observed in top layer.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Total		\$500	

Knollcrest Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	An accessible route to the play equipment area is not provided. Route is 30 linear feet over sand from poured in place surface to overhead spinner.	\$900	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Deterioration noted in top layer of poured in place surface.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	Transfer platform has a surface height of 8-1/2 inches (11 inches minimum to 18 inches maximum allowed) above the accessible surfacing. Adjacent deck with a compliant height of 16-3/4 inches does not provide adequate clear floor space. Clear width between vertical supports is 20 inches (24 inches minimum required).	\$125	CBC 11B-1008.3.1.1 CBC 11B-1008.3.1.2 ADA 1008.3.1.1 ADA 1008.3.1.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 30 by 48 inch minimum clear space with a slope of 2.0 percent maximum is not provided at play counter or spring toy. The clear floor space at the play counter has a slope of 2.3 percent and the clear floor space at the spring toy has a slope of 5.2 percent.	\$800	CBC 11B-1008.4.2 ADA 1008.4.2
Total		\$2,025	

LAS LOMAS PARK

10 Federation Way, Irvine, CA



Las Lomas Park: Ages 2 to 5 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	An accessible route to the spring toy is not provided. Route is 10 linear feet over sand.	\$300	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. There is a 1/2 inch gap between poured in place surface and adjacent concrete for seven linear feet.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Provide an accessible path of travel	Route to play counter is 13 inches wide (44 inches minimum width required; route may be reduced to 36 inches for a maximum 60 inches).	\$500	CBC 11B-1008.2.4.1 ADA 1008.2.4.1
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide play components	Both parallel and front approach access to play table is blocked by fixed seating.	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Modify play component	A 30 by 48 inch minimum clear space is not provided at the spring toy or play counter.	\$800	CBC 11B-1008.4.2 ADA 1008.4.2
Total		\$6,800	

Las Lomas Park: Ages 5 to 12 Play Equipment Area

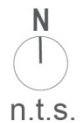
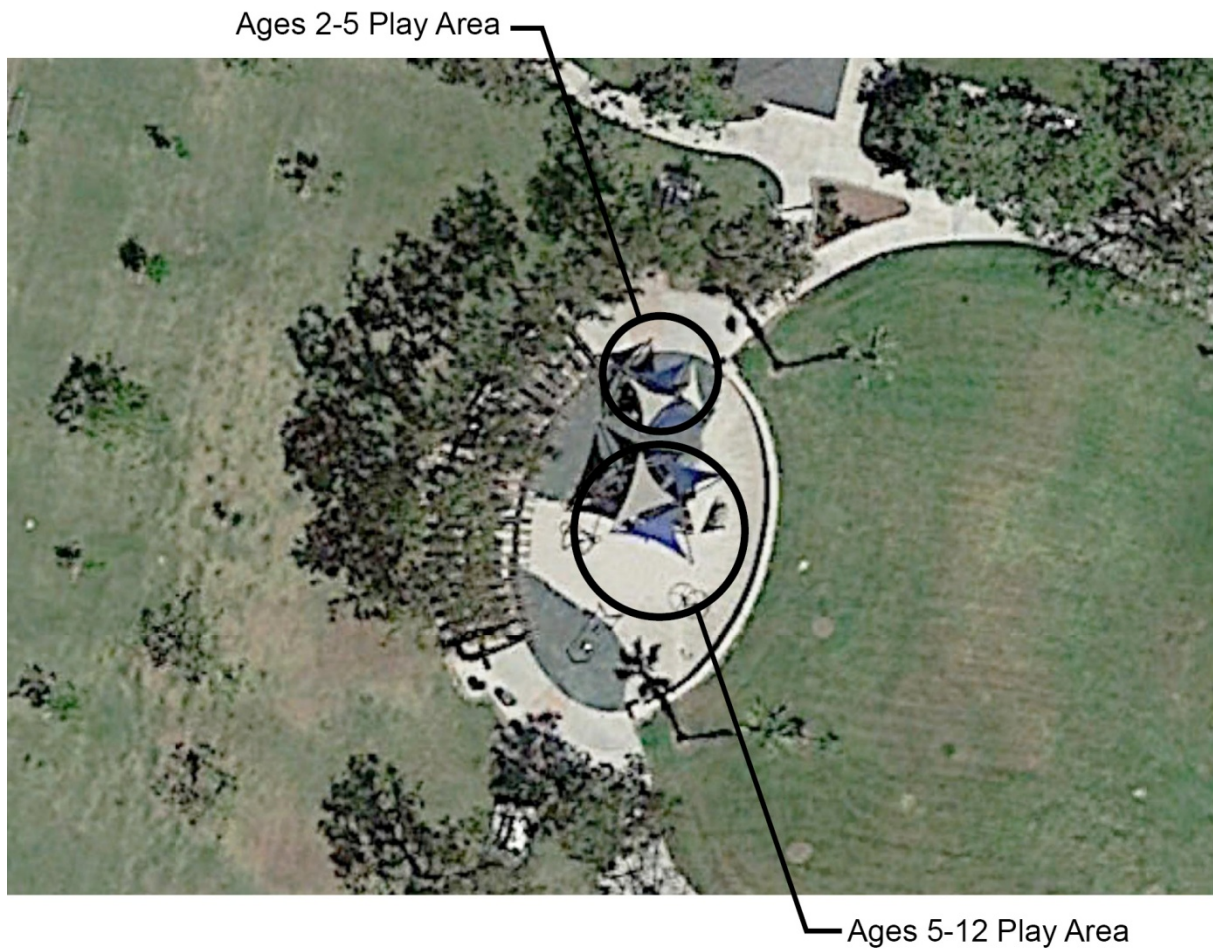
Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	Accessible routes to the chess table and sundial are not provided. Routes are eight linear feet of sand to the chess table and 10 linear feet of sand to sundial.	\$540	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Poured in place surface is separating at color seams.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 3.2 percent (2.0 percent maximum permitted). There is up to a 2-3/4 inch gap between the structure deck and the clatter bridge boards (1/2 inch maximum opening is required).	\$400	CBC 11B-302.3 CBC 11B-1008.2.1 CBC 11B-1008.3.1.3 ADA 302.3 ADA 1008.2.1 ADA 1008.3.1.3
Modify play component	The 30 by 48 inch minimum clear space at the tic-tac-toe spin panel has a 4.0 percent slope (2.0 percent maximum allowed). The top spinner level at the tic-tac-toe panel is centered at 55 inches above play surface with the highest operable point at 61 inches (adult maximum reach is 48 inches; advisory: 44 inches maximum for ages 5 to 12). The 30 by 48 inch minimum clear space is not provided at the sundial or chess table due to sand surface.	\$1,325	CBC 11B-1008.4.1 CBC 11B-1008.4.2 CBC 11B-308.1 ADA 1008.4.1 ADA 1008.4.2 ADA 308.1

ADA Assessment of Play Areas in Irvine Parks

Action	Action Note	Planning Cost Estimate	Relevant Code
Provide play components	Knee space is not provided at play table due to sand surface (knee clearance is required to be 24 inches high minimum, 17 inches deep minimum, and 30 inches wide minimum).	\$400	CBC 11B-1008.4.3 ADA 1008.4.3
Total		\$2,865	

MEADOWWOOD PARK

4685 Meadowood, Irvine, CA



Meadowood Park: Ages 2 to 5 Play Equipment Area

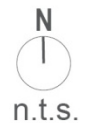
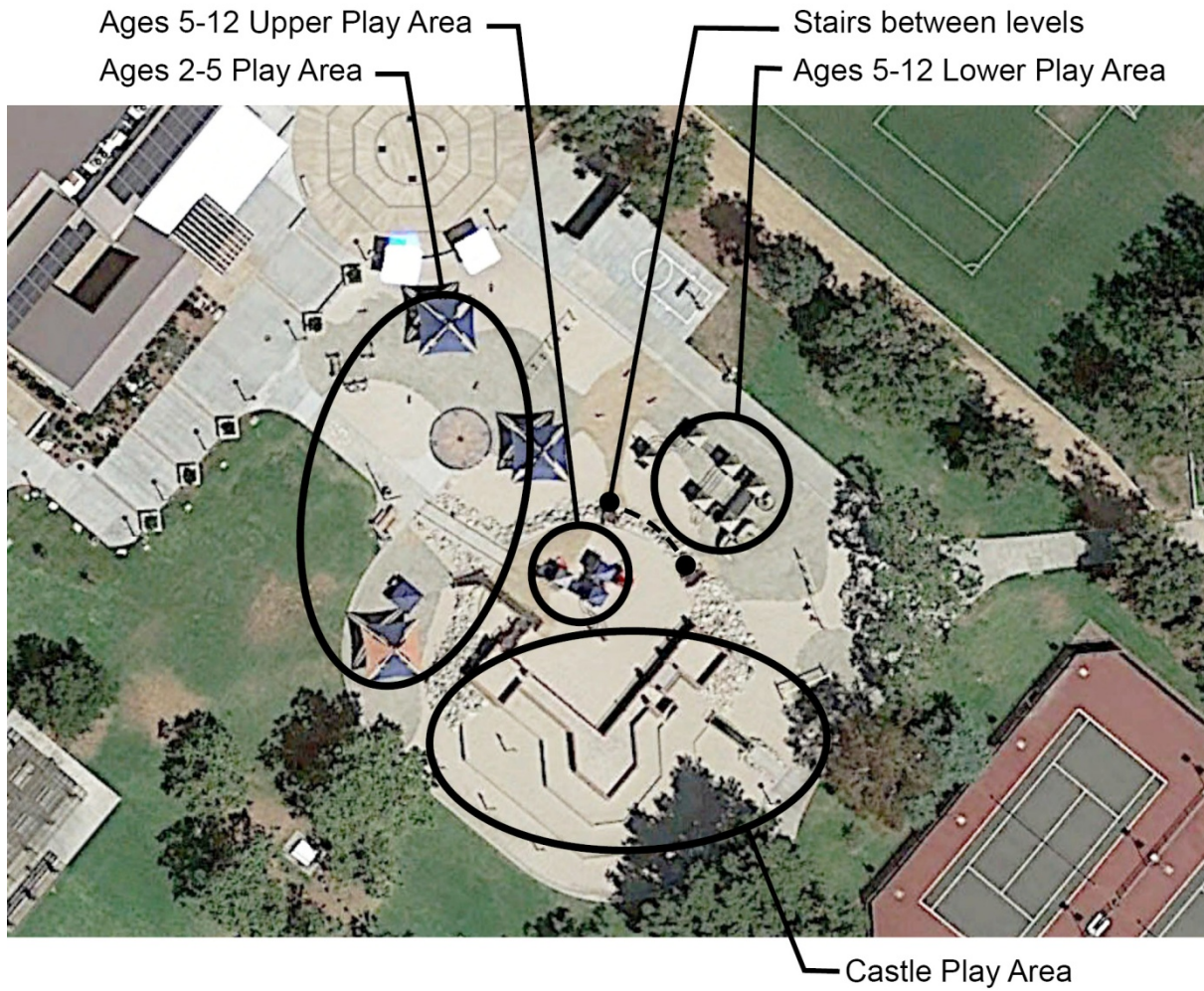
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 2.5 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
		\$600	

Meadowood Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide an accessible path of travel	An accessible route is not provided to the overhead spin wheel. Route is 15 linear feet over sand from poured in place surface. An accessible route is not provided to two talk tubes, the sign language panel, and play window due to sand surface.	\$2,400	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Modify play component	A 30 by 48 inch minimum clear space is not provided at two talk tubes, sign language panel, play window, and overhead spin component due to sand surface.	\$2,000	CBC 11B-1008.4.2 ADA 1008.4.2
Total		\$4,600	

NORTHWOOD PARK

4531 Bryan Avenue, Irvine, CA



Northwood Park: Ages 2 to 5 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide play components	Knee space is not provided at sand tables located off of poured in place surface due to sand (knee clearance is required to be 24 inches high minimum, 17 inches deep minimum, and 30 inches wide minimum, unless clear space for a parallel approach is provided).	\$800	CBC 11B-1008.4.3 ADA 1008.4.3
Provide an accessible path of travel	Vertical clearance at shade structure covering play area near picnic tables is 62-1/2 inches (80 inches minimum required).	\$125	CBC 11B-1008.2, ADA 1008.2
Total		\$1,125	

Northwood Park: Ages 5 to 12 Lower Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Provide play components	The play area for ages 5 to 12 on the lower level has 11 elevated play components and three ground level play component programs: swings, one tire swing, and one horizontal bar located seven linear feet off the path of travel (four minimum ground level play components of three different varieties are required).	\$5,000	CBC 11B-240.2.1.2 ADA 240.2.1.2
Total		\$5,200	

Northwood Park: Ages 5 to 12 Upper Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Provide play components	The play area for ages 5 to 12 on the upper level has eight elevated play components and two ground level play component programs (three ground level components are required including three different types of components)	\$5,000	CBC 11B-240.2.1.2 ADA 240.2.1.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 2.3 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Total		\$5,600	

Northwood Park: Castle Play Equipment Area

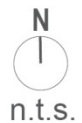
Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	An accessible route to the castle play area is not provided. Routes to top level include two stairways and a fire pole. Once in top level of castle, passageways are reduced to 23-3/8 and 22-1/2 inches wide. Route to middle level includes a non-compliant stairway with five steps. Treads have a sand surface that is not accessible.	\$0	CBC 11B-206.2.17 ADA 206.2.17
Regrade or replace ramp	Ramp to bridge has a running slope of 23.4 percent for 13 linear feet (6.25 percent maximum allowed for ramps connecting ground level play equipment). Rise on bridge is equal to or greater than 12 inches depending on level of sand surface below (12 inches maximum rise permitted).	\$5,525	CBC 11B-1008.2.5.1 CBC 11B-1008.2.5.2 ADA 1008.2.5.1 ADA 1008.2.5.2
Provide an accessible path of travel	Vertical clearance below castle deck is 58 to 58-1/2 inches above non-accessible sand surface (80 inches minimum clearance required).	\$0	CBC 11B-1008.2 ADA 1008.2
Improve or evaluate play area surface	Sand surface in castle play area is not accessible, and further evaluation of fall attenuation surface is recommended. Openings between decking boards on upper level are up to 5/8 inch wide (1/2 inch maximum allowed).	\$0	CBC 11B-302.3 CBC 11B-1008.2.6.1 ADA 302.3 ADA 1008.2.6.1 ADA 1008.2.6.2
Total		\$5,525	

Northwood Park: Stairways between Play Equipment Area Levels

Action	Action Note	Planning Cost Estimate	Relevant Code
Install tread striping	No tread striping provided on stairs connecting different play area levels (required for all treads on an exterior stairway).	\$400	CBC 11B-504.4.1
Replace stairs	Width of stairway is 32-3/4 inches (36 inches minimum required for an occupancy load less than 50, and 44 inches minimum for an occupancy load of greater than 50). Riser heights are eight inches (four inches minimum to seven inches maximum required).	\$600	CBC 11B-503.5.1 CBC 11B-504.2 ADA 504.2 ADA 504.3
Raise or lower existing handrail	Handrail top surface is mounted 37-1/2 to 38 inches above the stair nosing (28 inches maximum allowed for stairways primarily used by children).	\$100	CBC 11B-505.4 ADA 505.4
Install a handrail	A parallel extension is not provided at the top of the handrail (12 inches minimum allowed). An extension at the bottom of the stairway is not provided (one tread width sloped and an additional 12 inches parallel to the ground required).	\$500	CBC 11B-505.10.2 CBC 11B-505.10.3 ADA 505.10.2 ADA 505.10.3
Total		\$1,600	

OAK CREEK PARK

15616 Valley Oak, Irvine, CA



Oak Creek Park: Ages 2 to 5 Play Equipment Area

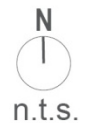
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Top layer of poured in place surface is worn.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 2.7 percent (2.0 percent maximum permitted).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Total		\$600	

Oak Creek Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Top layer of poured in place surface is worn.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 3.1 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Total		\$600	

ORCHARD PARK

1 Van Buren, Irvine, CA



Orchard Park: Ages 2 to 5 Play Equipment Area

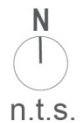
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. One inch gap at the expansion joint between the concrete walk and play area curb (1/2 inch maximum opening allowed).	\$0	CBC 11B-302.3 CBC 11B-1008.2.6.1 ADA 302.3 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide play components	Knee space at play table is 21-3/8 inches high (24 inches minimum height required). The table is not positioned to allow for a parallel approach. Table is 11 inches behind front of benches.	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Provide an accessible path of travel	An accessible route is not provided from an accessible play area entry to each different play activity provided in the play area. Two cars of the train are not located along an accessible route due to width of poured in place surface (44 inches minimum width required) and adjacent sand surface.	\$480	CBC 11B-206.2.17.1 CBC 11B-1008.2 CBC 11B-1008.2.4.1 ADA 206.2.17.1 ADA 1008.2 ADA 1008.2.4.1
Total		\$5,680	

Orchard Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. There is a one inch gap at the expansion joint between the concrete walk and play area curb (1/2 inch maximum opening permitted).	\$0	CBC 11B-302.3 CBC 11B-1008.2.6.1 ADA 302.3 ADA 1008.2.6.1 ADA 1008.2.6.2
Provide play components	Two ground level play components are provided for eight elevated play components (three ground level components are required including three different types of components).	\$5,000	CBC 11B-240.2.1.2 ADA 240.2.1.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 2.6 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Total		\$5,600	

PEPPERWOOD PARK

55 Columbus, Irvine, CA



Pepperwood Park: Ages 2 to 5 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. There is a one inch gap between the poured in place surface and concrete walk (1/2 inch maximum opening permitted).	\$0	CBC 11B-302.3 CBC 11B-1008.2.6.1 ADA 302.3 ADA 1008.2.6.1 ADA 1008.2.6.2
Provide play components	No ground level play components are provided for the seven elevated components on the play structure (two ground level components are required including two different types of components)	\$5,000	CBC 11B-240.2.1.2 ADA 240.2.1.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Total		\$5,200	

Pepperwood Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. There is a one inch gap between the poured in place surface and concrete walk (1/2 inch maximum opening permitted).	\$0	CBC 11B-302.3 CBC 11B-1008.2.6.1 ADA 302.3 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide an accessible path of travel	Accessible routes are not provided to the ground level play components, except for the tire swing, due to sand surface.	\$1,200	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Modify play component	A 30 by 48 inch clear floor space is not provided at the ground level play components, except for tire swing, due to sand surface.	\$1,200	CBC 11B-1008.4.2 ADA 1008.4.2
Total		\$2,600	

PINEWOOD PARK

11 Hudson, Irvine, CA



Pinewood Park: Ages 2 to 5 Play Equipment Area

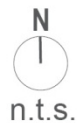
Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	An accessible route is not provided to the fossil wall, play table, or play window. None of the ground level play components are on an accessible route (44 inches minimum wide required).	\$600	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	Transfer platform surface height is 10-1/4 inches (11 inches minimum to 18 inches maximum allowed) above the accessible surfacing.	\$5,000	CBC 11B-1008.3.1.2 ADA 1008.3.1.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Total		\$5,800	

Tables I-2: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	An accessible route is not provided to the spin panel and zipline due to ground surface.	\$800	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to the transfer platform has a slope of up to 2.2 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide an accessible path of travel	Route between toad stool and rope climber is 24 inches wide (36 inches wide minimum for 60 inches maximum allowed).	\$125	CBC 11B-1008.2.4.1 ADA 1008.2.4.1
Total		\$1,525	

PLAZA PARK

610 Paseo Westpark, Irvine, CA



Plaza Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Poured in place surface is separating from adjacent concrete curbs, up to four inches at castle play area and up to three inches at composite structure play area.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Provide an accessible path of travel	Vertical clearance into the castle is 70-3/4 inches or 76-1/4 inches (80 inches minimum required).	\$250	CBC 11B-1008.2 ADA 1008.2
Provide an accessible path of travel	An accessible route to the swings, see-saw, sand table, and castle corners is not provided due to sand surface.	\$6,000	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Install or modify transfer system	A transfer system is not provided to elevated play components on castle structure.	\$5,000	CBC 11B-1008.3 ADA 1008.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 30 by 48 inch clear space is not provided at the swings, see-saw, sand table, or castle corners due to sand surface.	\$1,600	CBC 11B-1008.4.1 CBC 11B-1008.4.2 ADA 1008.4.1 ADA 1008.4.2
Regrade or replace ramp	Ramps into castle have up to a 17-1/2 inches change in level from ramp surface to adjacent sand surface with no wheel guides (12 inches vertical rise maximum allowed). There is up to 1-1/2 inch change in level from ramp surface to poured in place surface (ramp is required to be free of surface level changes). Handrail is provided on one side.	\$2,500	CBC 11B-405.4 CBC 11B-1008.2.5.1 ADA 405.4 ADA 1008.2.5.1
Total		\$15,550	

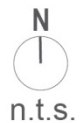
PRESLEY PARK

4732 Karen Ann Lane, Irvine, CA

Ages 2-5 Play Area



Ages 5-12 Play Area



Presley Park: Ages 2 to 5 Play Equipment Area

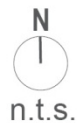
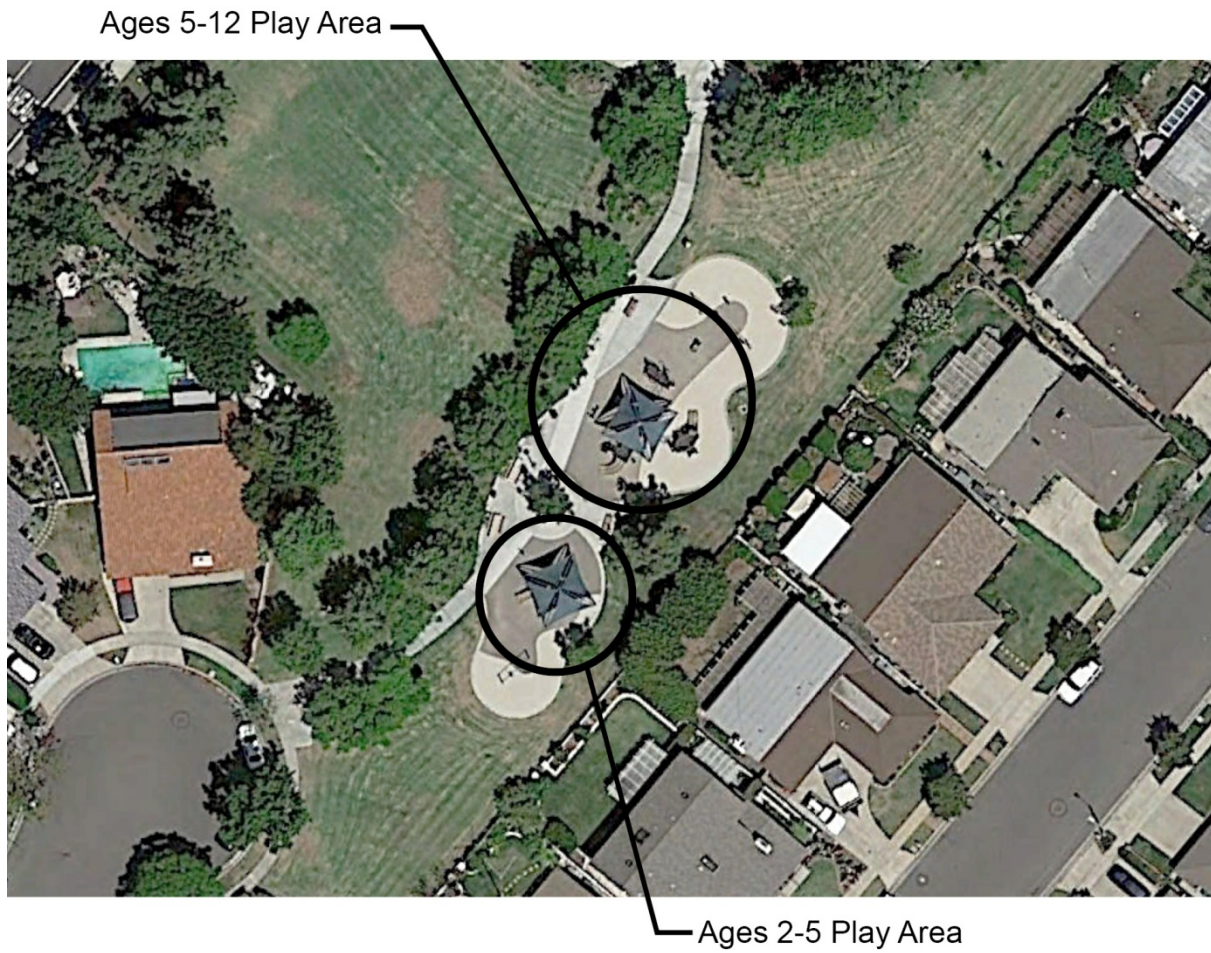
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Deteriorated top layer, poured in place surface is separating from concrete curb with gaps up to 1-1/8 inch.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide play components	Knee space at play table is 19-1/2 inches high (24 inches minimum height allowed). The table is not positioned to allow for a parallel approach. Table is seven inches behind front of benches.	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Total		\$5,200	

Presley Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Deteriorated top layer, poured in place surface is separating from concrete curb with gaps up to 1-1/8 inch.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Install or modify transfer system	The 30 by 48 inch ground space at transfer platform has a slope of up to 3.0 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Modify play component	A 30 by 48 inch minimum clear space is not provided at maze panel due to adjacent climber. Slope at spin pattern panel is up to 2.7 percent (2.0 percent maximum allowed).	\$525	CBC 11B-1008.4.2 ADA 1008.4.2
Total		\$1,125	

RACQUET PARK

4030 Robon, Irvine, CA



Racquet Park: Ages 2 to 5 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Total		\$200	

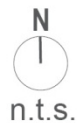
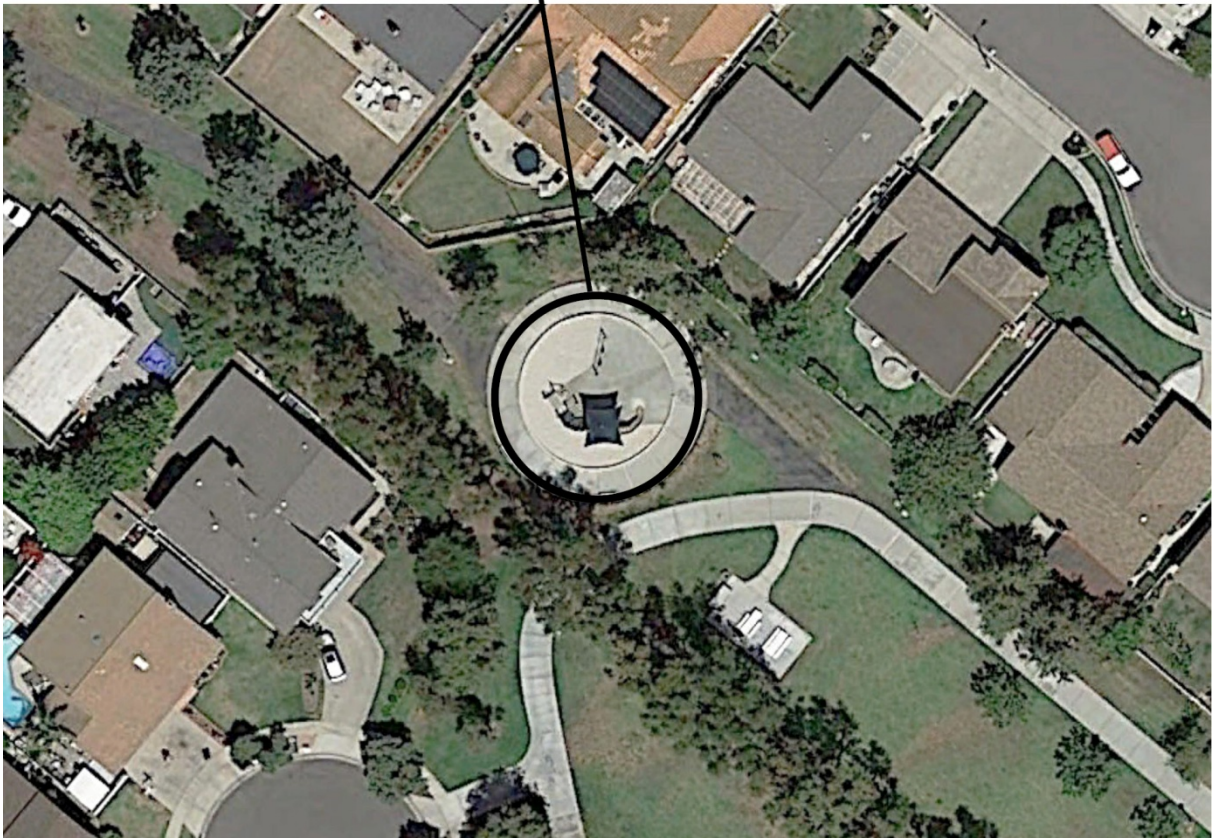
Racquet Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	The 30 by 48 inch clear space at the periscope has a slope of 2.2 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.4.2 ADA 1008.4.2
Total		\$600	

RANCH PARK

5161 Royale, Irvine, CA

Ages 5-12 Play Area

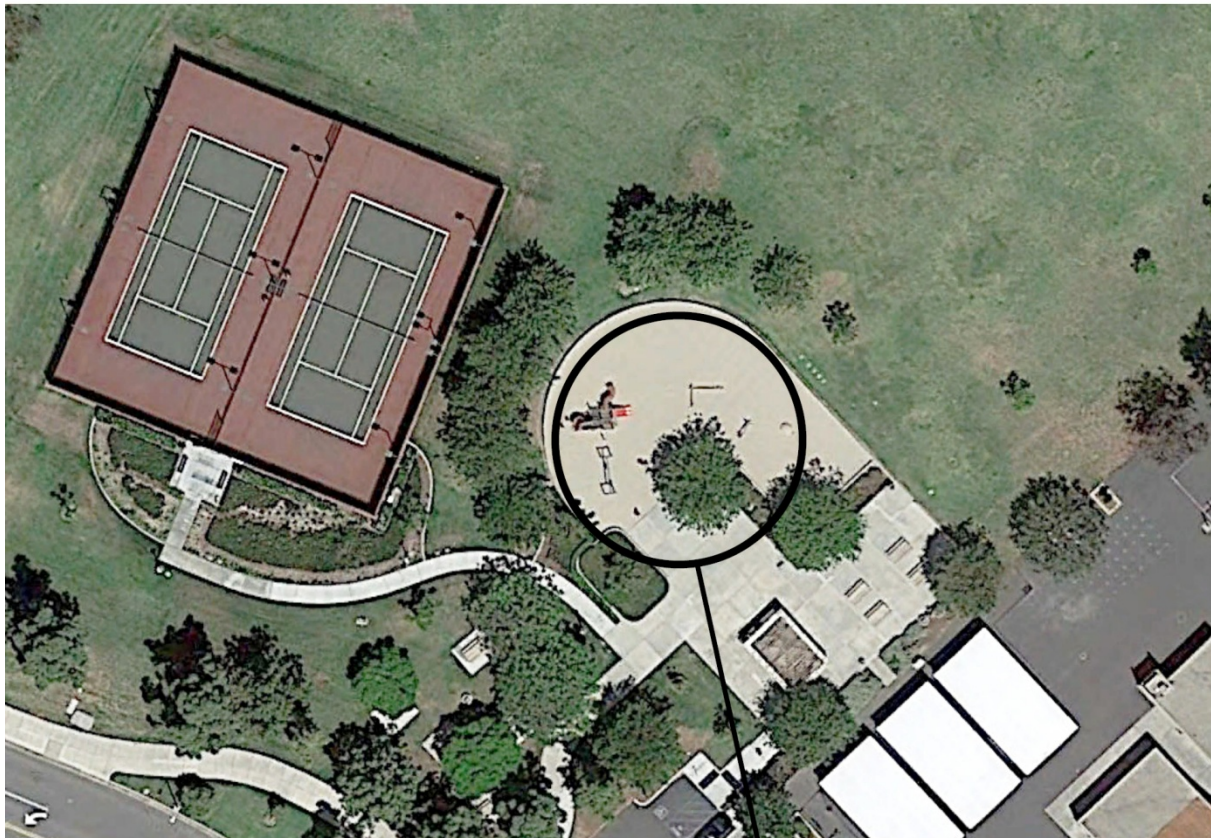


Ranch Park: Ages 5 to 12 Play Equipment Area

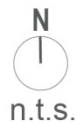
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Sand has migrated on to poured in place surface. Surface needs on-going maintenance.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide play components	Knee space at play table is 21-3/4 inches high (24 inches minimum height is required).	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Total		\$5,200	

SAN CARLO PARK

15 San Carlo, Irvine, CA



Ages 5-12 Play Area

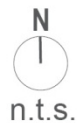


San Carlo Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Sand surface is not considered an accessible ground surface.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Provide an accessible path of travel	An accessible route to the play equipment area is not provided due to sand surface.	\$8,000	CBC 11B-206.2.17 CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 1008.2 ADA 206.2.17
Modify play component	The 30 by 48 inch clear floor space is not provided at any of the play components due to sand surface.	\$1,200	CBC 11B-1008.4.1 CBC 11B-1008.4.2 ADA 1008.4.1 ADA 1008.4.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Install or modify transfer system	A transfer system is not provided to elevated play components. Decks have changes in level ranging from 13 to 14 inches (eight inches maximum is permitted). A 30 by 48 ground space with a slope of 2.0 percent maximum is not provided due to sand surface.	\$5,000	CBC 11B-1008.3 CBC 11B-1008.3.1.3 CBC 11B-1008.3.2 CBC 11B-1008.3.2.1 CBC 11B-1008.3.2.2 ADA 1008.3 ADA 1008.3.1.3 ADA 1008.3.2 ADA 1008.3.2.1 ADA 1008.3.2.2
Total		\$14,400	

SAN LEANDRO PARK

12 Paseo Westpark, Irvine, CA



San Leandro Park: Ages 2 to 5 Play Equipment Area

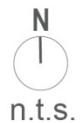
Action	Action Note	Planning Cost Estimate	Relevant Code
Provide an accessible path of travel	An accessible route to the play equipment area is not provided to the play table. Route is 28 inches wide (44 inches minimum required).	\$160	CBC 11B-1008.2.4.1 ADA 1008.2.4.1
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Sand has migrated onto poured in place surface. Surface is in need of maintenance.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 56 inch diameter turning area provided at play table (60 inches minimum required).	\$100	CBC 11B-1008.4.1 ADA 1008.4.1
Provide play components	Knee space at play table is 21 inches high (24 inches minimum height is required). The table is not positioned to allow for a parallel approach. Table is 9 inches behind front of benches and is not set up for parallel approach.	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Total		\$5,460	

San Leandro Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Deteriorated top layer with three inch diameter hole.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Total		\$200	

SETTLERS PARK

35 Settlers Way, Irvine, CA



Settlers Park: Ages 2 to 5 Play Equipment Area

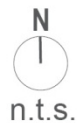
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Poured in place surface has cracks in top layer. Sand surface has migrated onto poured in place and is in need of maintenance.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 2.3 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide play components	Knee space at play table is 23-1/4 inches high (24 inches minimum height is required). The table is not positioned to allow for a parallel approach. Table is 10 inches behind front of benches and not set up for parallel approach.	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Total		\$5,600	

Settlers Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Poured in place surface has cracks in top layer.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Total		\$200	

SILKWOOD PARK

1 Mayflower, Irvine, CA



Silkwood Park: Ages 2 to 5 Play Equipment Area

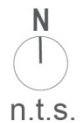
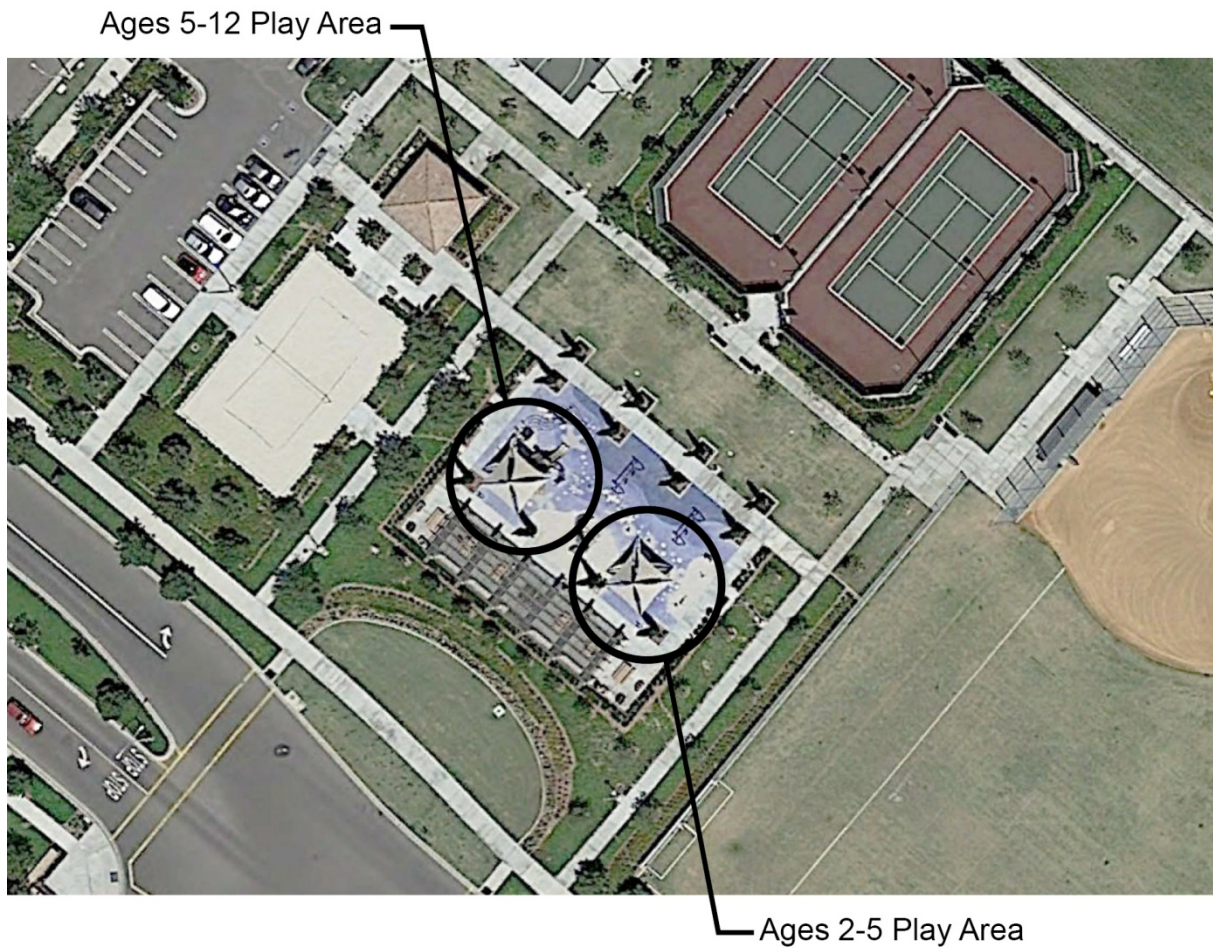
Action	Action Note	Planning Cost Estimate	Relevant Code
Modify play component	A 30 by 48 inch minimum clear space with a slope of 2.0 percent maximum is not provided at the play table. Slope is up to 60 percent at transition between poured in place and sand surfaces.	\$400	CBC 11B-1008.4.2 ADA 1008.4.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide an accessible path of travel	Accessible routes to the fossil play area and play table are not provided due to sand surface.	\$800	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Total		\$1,400	

Silkwood Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide an accessible path of travel	Accessible routes to the rock climber and play window are not provided due to sand surface.	\$800	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Total		\$1,000	

STONEGATE PARK

280 Honors, Irvine, CA



Stonegate Park: Ages 2 to 5 Play Equipment Area

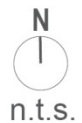
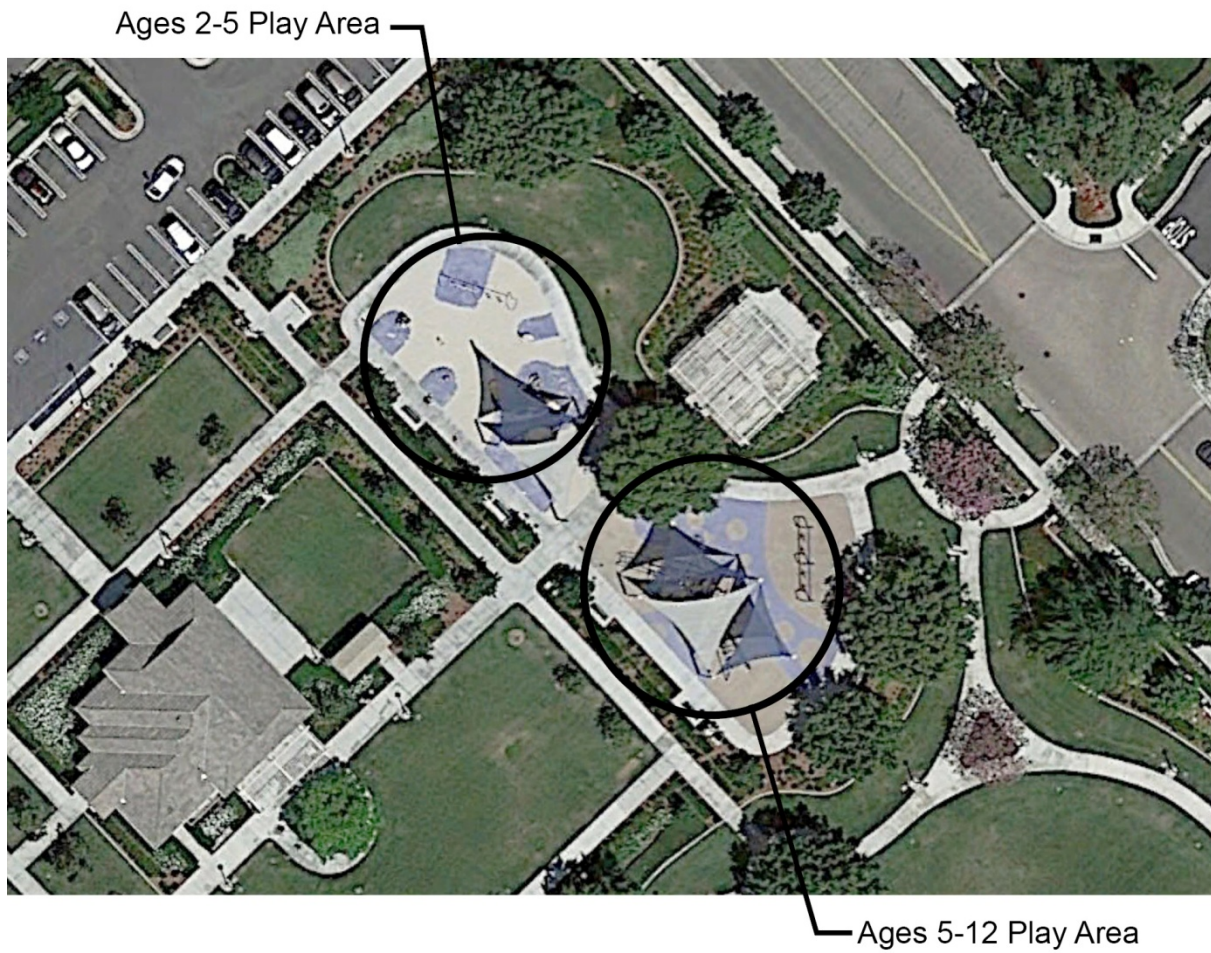
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide play components	Knee space at play table is 20-3/4 inches high (24 inches minimum height required). The table is not positioned to allow for a parallel approach. Table is 11 inches behind front of benches and not set up for parallel approach.	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Total		\$5,200	

Stonegate Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Deteriorated top layer of poured in place surface at overhead spinner.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Install or modify transfer system	Transfer platform surface height is 9-7/8 inches above the accessible surfacing (11 inches minimum to 18 inches maximum allowed). Height of adjacent deck is 18 inches but does not provide vertical support.	\$125	CBC 11B-1008.3.1.2 ADA 1008.3.1.2
Total		\$325	

SWEET SHADE PARK

15 Sweet Shade, Irvine, CA



Sweet Shade Park: Ages 2 to 5 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Modify play component	A 30 by 48 inch minimum clear space with a slope of 2.0 percent maximum is not provided at each ground level component. Slope is up to 3.3 percent at play table under composite structure and up to 3.2 percent at boat play.	\$800	CBC 11B-1008.4.2 ADA 1008.4.2
Install tread striping	Contrasting striping is not provided on stairs connecting play components. Existing striping is a texture but does not provide adequate visual contrast.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Install or modify transfer system	The 30 by 48 ground space adjacent to transfer platform has a slope of up to 3.0 percent (2.0 percent maximum allowed). Top transfer step is 8-1/4 inches high (eight inches maximum allowed). Vertical clearance between transfer platform surface and panel is 20 to 24 inches. This should be further examined as to whether it inhibits the functionality of the transfer. A transfer platform is not provided at second boat area closest to parking lot.	\$5,000	CBC 11B-1008.3.1.3 CBC 11B-1008.3.2.1 CBC 11B-1008.3.2.2 ADA 1008.3.1.3 ADA 1008.3.2.1 ADA 1008.3.2.2
Provide an accessible path of travel	Ground level route into boat play component nearest is between 15 to 36 inches wide (60 inches minimum wide required).	\$125	CBC 11B-1008.2.4.1 ADA 1008.2.4.1

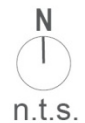
Action	Action Note	Planning Cost Estimate	Relevant Code
Provide play components	Four of the six elevated play components are beyond a 29 to 31 inch wide path of travel that is 28 inches long (32 inches minimum width for 24 inches maximum allowed).	\$5,000	CBC 11B-240.2.2 ADA 240.2.2
Total		\$11,125	

Sweet Shade Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Modify play component	A 30 by 48 inch minimum clear space with a slope of 2.0 percent maximum is not provided at each ground level component. Slope is up to 2.8 percent at mounted rings, up to 2.6 percent at parabola climber, and up to 2.3 percent at swings.	\$1,200	CBC 11B-1008.4.2 ADA 1008.4.2
Total		\$1,200	

SYCAMORE PARK

27 Lewis, Irvine, CA



Sycamore Park: Ages 2 to 5 Play Equipment Area

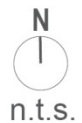
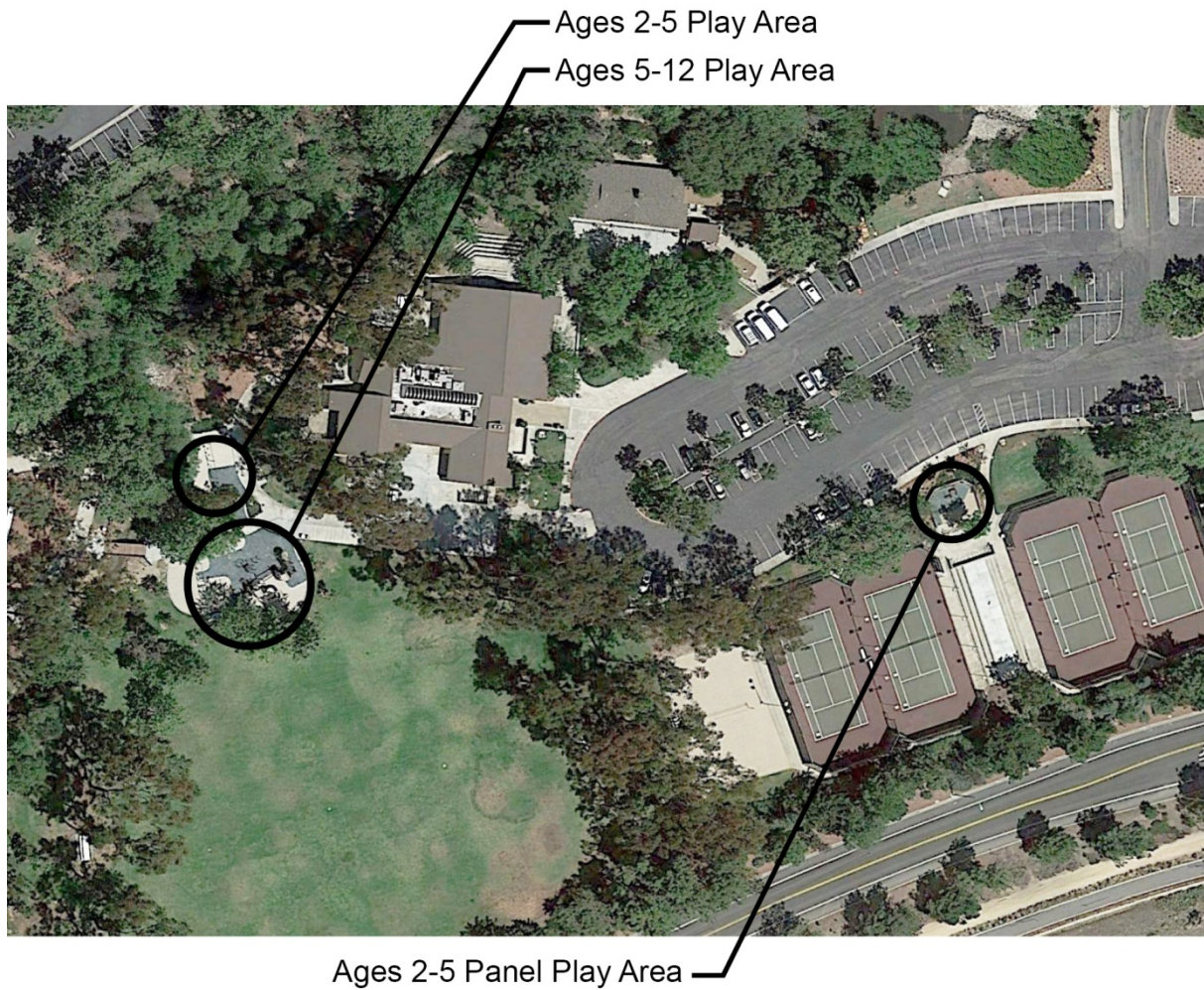
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Install or modify transfer system	Transfer platform surface height is 10-5/8 inches (11 inches minimum to 18 inches maximum allowed) above the accessible surfacing.	\$5,000	CBC 11B-1008.3.1.2 ADA 1008.3.1.2
Provide an accessible path of travel	An accessible route to the play table is not provided. Route is three linear feet over sand.	\$240	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Modify play component	The 30 by 48 inch clear space adjacent to the toddler swing has a slope up to 2.8 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.4.2 ADA 1008.4.2
Total		\$5,840	

Sycamore Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 30 by 48 inch minimum clear space with a slope of 2.0 percent maximum is not provided at the overhead spinner, play table, or balance play component due to sand surface.	\$1,200	CBC 11B-1008.4.1 CBC 11B-1008.4.2 ADA 1008.4.1 ADA 1008.4.2
Provide play components	Knee space at play table is 21-3/4 inches high (24 inches minimum required).	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Provide an accessible path of travel	Accessible routes to the overhead spinner or balance play components are not provided. Route is ten linear feet over sand.	\$800	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Total		\$7,200	

TURTLE ROCK PARK

1 Sunnyhill, Irvine, CA



Turtle Rock Park: Panel Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Edges of poured in place surface are fraying.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Modify play component	The 30 by 48 inch minimum clear space at four-in-a-row panel is up to 3.5 percent (2.0 percent maximum is allowed).	\$400	CBC 11B-1008.4.2 ADA 1008.4.2
		\$400	

Turtle Rock Park: Ages 2 to 5 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Deteriorated top layer of poured in place surface near climber.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	The 30 by 48 inch minimum clear space is not centered to side of swing (clear space at swings is required to be located immediately adjacent to the swing).	\$400	CBC 11B-1008.4.1 CBC 11B-1008.4.2 ADA 1008.4.1 ADA 1008.4.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 2.9 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Total		\$1,000	

Turtle Rock Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Up to a three inch gap where poured in place surface is separating from concrete curb.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	The 30 by 48 inch minimum clear space is in front of swing (clear space at swings is required to be located immediately adjacent to the swing).	\$400	CBC 11B-1008.4.1 CBC 11B-1008.4.2 ADA 1008.4.1 ADA 1008.4.2
Total		\$600	

Turtle Rock Park: Gate to Panel Play Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Provide or modify gate kickplate	A smooth and uninterrupted kick plate surface is not provided. Chain-link is located in the 10 inch space above the ground.	\$225	CBC 11B-404.2.10 ADA 404.2.10
Provide strike edge clearance	Front approach strike-edge clearance on the pull side of the gate is 1-1/2 inches due to change in level from concrete to planting area (24 inches minimum required).	\$320	CBC 11B-404.2.4.1 ADA 404.2.4.1
Regrade surface	Slope on push side of gate is 2.4 percent (2.0 percent maximum allowed).	\$2,500	CBC 11B-404.2.4.4 ADA 404.2.4.4
Total		\$3,045	

UNIVERSITY PARK

1 Beech Tree Lane, Irvine, CA



University Park: Ages 2 to 5 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 2.8 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	The 30 by 48 inch ground space with a slope of 2.0 percent maximum is not provided at each ground level component. The clear space adjacent to the play table has a slope of up to 3.4 percent, the clear floor space adjacent to the swings is up to 2.6 percent, and the clear floor space at the play counter is up to 2.3 percent (2.0 percent maximum allowed).	\$800	CBC 11B-1008.4.2 ADA 1008.4.2
Regrade or replace ramp	Ramp between elevated components has a rise of at least 13-1/4 inches (12 inches maximum is allowed). Average slope on the ramp is 19.6 percent (advisory: 8.33 percent maximum on elevated ramps in play areas).	\$5,000	CBC 11B-1008.2.5.2 CBC 11B-240.2.1 ADA 1008.2.5.2 ADA 240.2.1
Provide play components	Knee space at play table is 20-3/8 inches high (24 inches minimum height is required). The table is not positioned to allow for a parallel approach. Table is seven inches behind front of benches and not set up for parallel approach.	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3

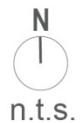
Raise or lower ramp handrail	Ramp does not have handrails. Gripping surface on guardrail is up to 39 inches (20 inches minimum to 28 inches maximum allowed).	\$70	CBC 11B-1008.2.5.3.2 ADA 1008.2.5.3.2
Total		\$11,470	

University Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 3.1 percent (2.0 percent maximum is allowed).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	The 30 by 48 inch ground space adjacent to the circle climber has a slope of up to 3.1 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.4.2 ADA 1008.4.2
Total		\$1,000	

VALENCIA PARK

3081 Trevino Drive, Irvine, CA



Valencia Park: Ages 2 to 5 Play Equipment Area

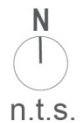
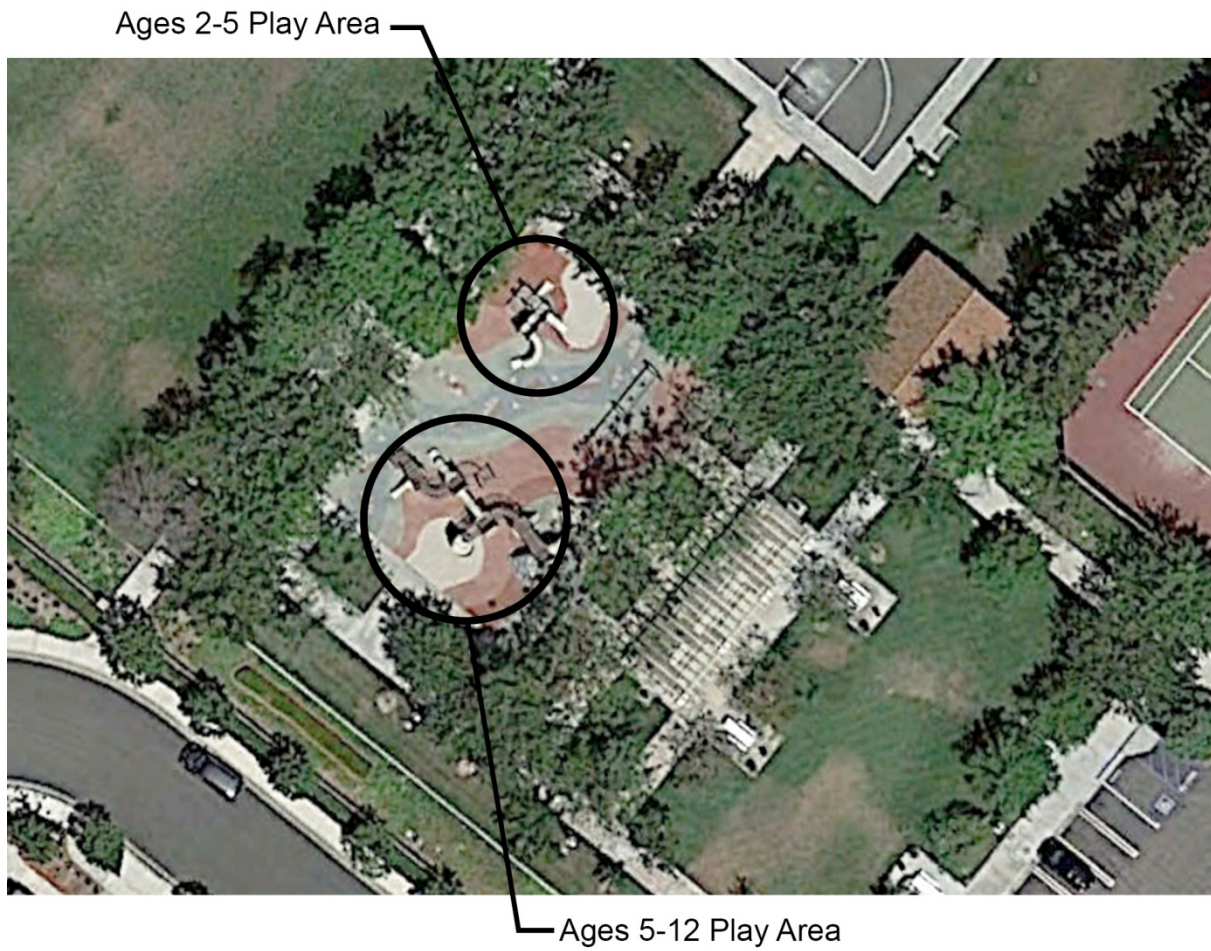
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Poured in place surface is cracked and patched in areas. Sand had migrated onto poured in place and is in need of maintenance.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 30 by 48 inches minimum clear space with a slope of 2.0 percent maximum is not provided at talk tubes in boat structure. Shared clear floor space between talk tubes is 33 inches. It is permissible to have clear floor spaces overlap but in this situation the location of the clear floor space limits use of ground level play components and circulation on the path of travel.	\$0	CBC 11B-1008.4.1 CBC 11B-1008.4.2 ADA 1008.4.1 ADA 1008.4.2
Provide an accessible path of travel	Ground level route into boat play area is 25 inches between posts and 33 inches between talk tubes (44 inches wide minimum required; 36 inches minimum for a distance of 60 inches maximum).	\$5,000	CBC 11B-1008.2.4.1 ADA 1008.2.4.1
Total		\$5,200	

Valencia Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Poured in place surface is cracked and patched in areas.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide an accessible path of travel	Vertical clearance at the accessible route under horizontal ladder is 68-1/4 inches (80 inches minimum is required). Route on outside of horizontal ladder is 42 inches wide for a distance of 36 inches (44 inches wide minimum required; 36 inches minimum for a distance of 60 inches maximum).	\$125	CBC 11B-1008.2 CBC 11B-1008.2.4.1 ADA 1008.2 ADA 1008.2.4.1
Total		\$325	

VALLEY OAK PARK

16001 Valley Oak Drive, Irvine, CA



Valley Oak Park: Ages 2 to 5 Play Equipment Area

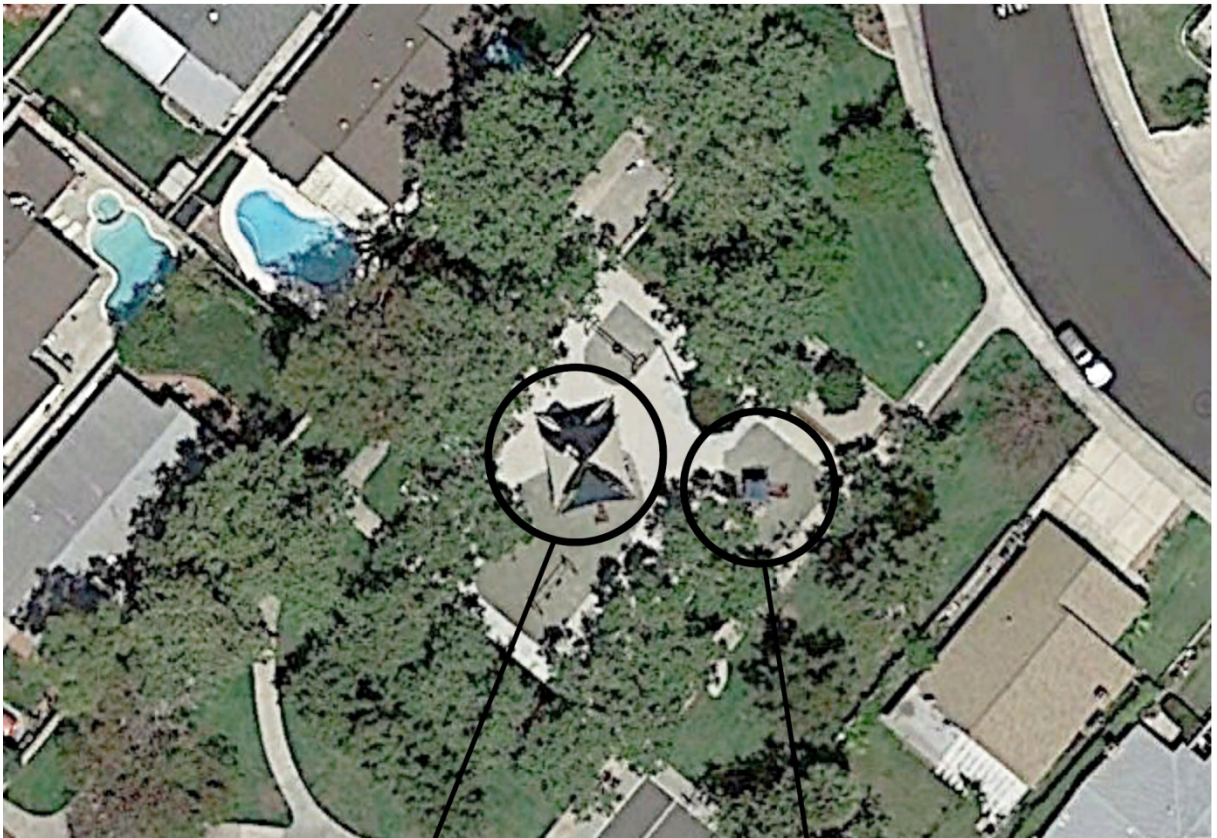
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Install or modify transfer system	Transfer platform is 20-1/4 inches wide between vertical supports (24 inches minimum wide required).	\$125	CBC 11B-1008.3.1.1 ADA 1008.3.1.1
Provide play components	One ground level play component is provided for six elevated (two ground level components are required including two different types).	\$5,000	CBC 11B-240.2.1.2 ADA 240.2.1.2
Total		\$5,325	

Valley Oak Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Provide play components	One of seven elevated play components is on an accessible elevated route, at least 50 percent of elevated play components are to be on an accessible route.	\$0	CBC 11B-240.2.2 ADA 240.2.2
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Provide an accessible path of travel	Elevated route on composite structure is 17-1/2 inches wide for eight linear feet at two catwalks (36 inches minimum width required; width may be reduced to 32 inches minimum for a distance of 24 inches maximum).	\$5,000	CBC 11B-1008.2.4.2 ADA 1008.2.4.2
Total		\$5,200	

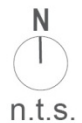
WILLOWS PARK

4562 Ranchgrove, Irvine, CA



Ages 5-12 Play Area

Ages 2-5 Play Area



Willows Park: Ages 2 to 5 Play Equipment Area

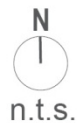
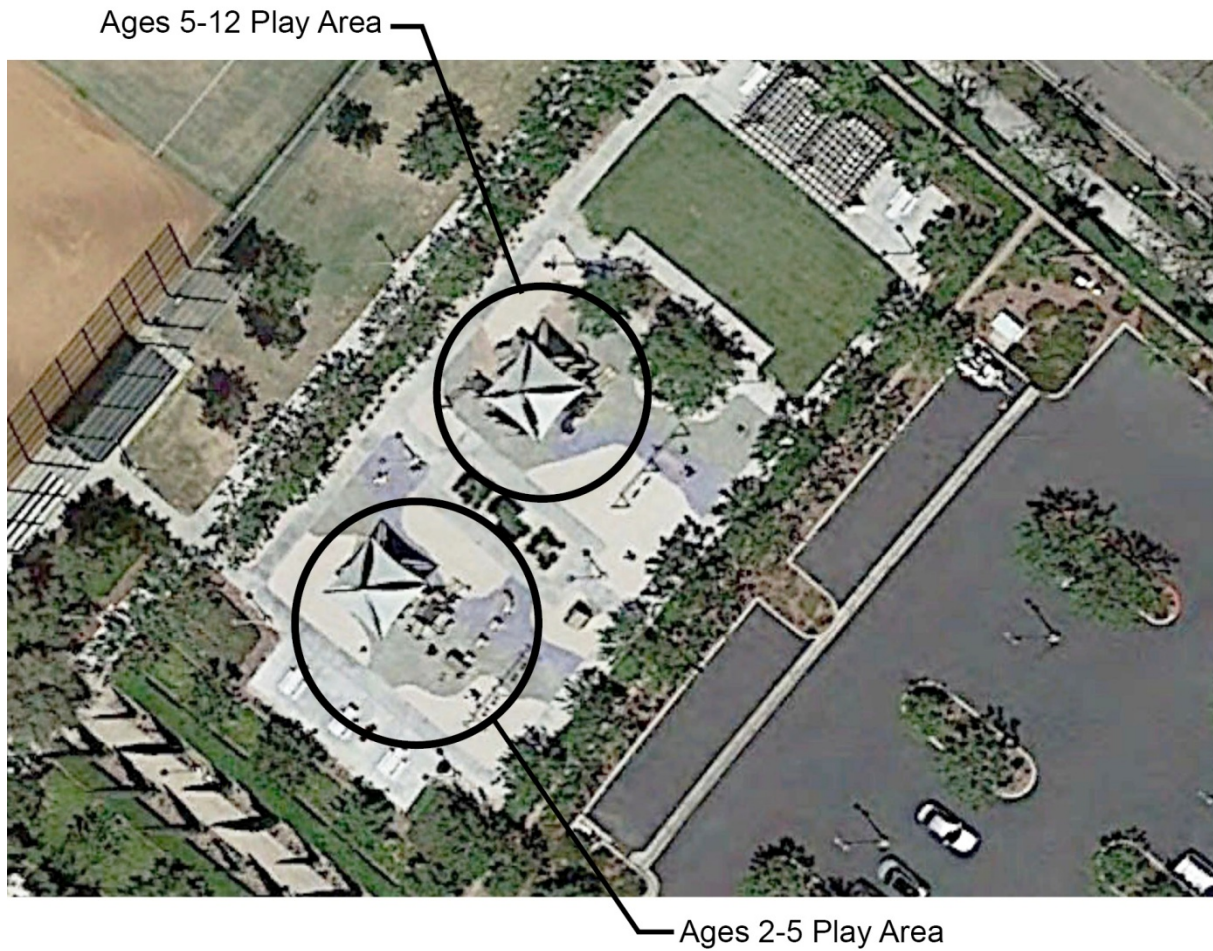
Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 30 by 48 inch minimum clear space with a slope of 2.0 percent maximum is not provided at the spinner seat or horizontal ladder due to sand surface.	\$800	CBC 11B-1008.4.2 ADA 1008.4.2
Provide an accessible path of travel	An accessible route is not provided to the horizontal ladder or spinner seats due to sand surface. The horizontal ladder is 57 inches off the path of travel and the spinner seat is nine inches off the path of travel. There is a 3/4 inch gap between the concrete walk and the play area curb (1/2 inch maximum is allowed).	\$200	CBC 11B-206.2.17 CBC 11B-206.2.17.1 CBC 11B-303.2 CBC 11B-1008.2 ADA 206.2.17 ADA 303.2 ADA 1008.2
Total		\$1,200	

Willows Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 30 by 48 inch minimum clear space with a slope of 2.0 percent maximum is not provided at the play table due to sand surface.	\$400	CBC 11B-1008.4.2 ADA 1008.4.2
Provide an accessible path of travel	An accessible route of travel is not provided to the play table or slide landings due to sand surface.	\$800	CBC 11B-206.2.17.1 CBC 11B-1008.2 ADA 206.2.17.1 ADA 1008.2
Total		\$1,400	

WOODBURY PARK

130 Sanctuary, Irvine, CA



Woodbury Park: Ages 2 to 5 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended. Worn top layer particularly at climber component.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform has a slope of up to 3.0 percent (2.0 percent maximum is allowed).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 30 by 48 inch minimum clear space with a slope of 2.0 percent maximum is not provided at each ground level play component. Slope is up to 3.1 percent at spring toy, 3.4 percent at sand table, and 3.3 percent at swings.	\$1,200	CBC 11B-1008.4.2 ADA 1008.4.2
Provide play components	Knee space at play table is 18-5/8 inches high and 22 inches wide between benches (knee clearance shall be 24 inches high minimum and 30 inches wide minimum for tables not set up for parallel approach). The table is not positioned to allow for a parallel approach. Table is 12 inches behind front of benches.	\$5,000	CBC 11B-1008.4.3 ADA 1008.4.3
Total		\$6,800	

Woodbury Park: Ages 5 to 12 Play Equipment Area

Action	Action Note	Planning Cost Estimate	Relevant Code
Improve or evaluate play area surface	Further evaluation of fall attenuation surface is recommended.	\$0	CBC 11B-1008.2.6.1 ADA 1008.2.6.1 ADA 1008.2.6.2
Install or modify transfer system	The 30 by 48 inch ground space adjacent to transfer platform closer to swings has a slope of up to 5.0 percent (2.0 percent maximum allowed).	\$400	CBC 11B-1008.3.1.3 ADA 1008.3.1.3
Install tread striping	Striping is not provided on stairs connecting play components.	\$200	CBC 11B-210.1 CBC 11B-504.4.1
Modify play component	A 30 by 48 inch minimum clear space with a slope of 2.0 percent maximum is not provided at each ground level play component. Slope is up to 3.9 percent at net climber, 2.5 percent at swings, and 2.8 percent at sand digger.	\$1,200	CBC 11B-1008.4.2 ADA 1008.4.2
Total		\$1,800	

SUMMARY

While the evaluations included in this report may appear to indicate that there are substantial access issues in the City's play areas, it is important to note that the majority of the play areas have some accessible features and components. It is evident that manufactured play components with accessibility features and accessible play area surfacing have been part of the City's ongoing planning, design and installation process. The City's play areas are comprised of components from many manufacturers, and have been installed over a time frame that includes evolving regulations and guidelines.

Typical Barriers Observed:

- **Transfer Systems.** Lack of, or out of compliance, transfer systems for using elevated play components.
- **Play Surfaces.** Ground level play components such as spring toys located on an inaccessible surface.
- **Accessible Routes.** Ground level accessible routes that have overhanging hazards or elevated play components that are not on an accessible route.
- **Lack of striping on stair treads.** Striping of stair treads was the most common technical barrier identified. This is not required by the ADA, but is required by the 2013 California State Building Code.
- **Inaccessible surfaces.** Surfaces that are not compliant with the ASTM F 1951 standards can pose barriers for children or adults with disabilities who may use canes, crutches, walkers or wheelchairs.

The table on the following pages summarizes the total planning level cost estimate for each of the City's parks.

Park	Planning Cost Estimate
Blue Gum Park	\$6,725
Brywood Park	\$10,800
Canyon Park	\$780
Carrotwood Park	\$11,325
Chaparral Park	\$1,600
Citrus Glen Park	\$5,450
College Park	\$7,000
Colonel Bill Barber Park	\$6,820
Comstock Park	\$5,400
Coralwood Park	\$6,400
Cypress Park	\$5,400
David Sills Park	\$1,320
Deerfield Park	\$11,840
Dove Creek Park	\$5,400
Heritage Park	\$21,160
Hicks Canyon Park	\$715
Hoepfner Park	\$5,725
Homestead Park	\$720
Knollcrest Park	\$2,525
Las Lomas Park	\$9,665
Meadowood Park	\$5,200
Northwood Park	\$18,800

Park	Planning Cost Estimate
Oak Creek Park	\$1,200
Orchard Park	\$11,280
Pepperwood Park	\$7,800
Pinewood Park	\$7,325
Plaza Park	\$15,550
Presley Park	\$6,325
Racquet Club Park	\$800
Ranch Park	\$5,200
San Carlo Park	\$14,400
San Leandro Park	\$5,660
Settlers Park	\$5,800
Silkwood Park	\$2,400
Stonegate Park	\$5,525
Sweet Shade Park	\$12,325
Sycamore Park	\$13,040
Turtle Rock Park	\$5,045
University Park	\$12,470
Valencia Park	\$5,525
Valley Oak Park	\$10,525
Willows Park	\$2,600
Woodbury Park	\$8,600
Total	\$310,165

IMPLEMENTATION

The framework for prioritizing and determining a schedule for the removal of architectural barriers in play areas is multi-faceted and should address the level of use, size of service area, distribution of play areas, associated programs, and type of barriers. This strategy aims to provide the greatest number of people with accessible play opportunities.

Prioritizing the Removal of Architectural Barriers City-wide

PRIORITIES BY PARK TYPE

Recognizing that the City has play areas representing different scales and serving a variety of neighborhoods and villages, criteria for prioritizing the removal of architectural barriers should reflect these planning criteria:

1. *Community Parks:* City staff assigned community parks the highest priority for barrier removal because community parks are distributed throughout the City with each village having its own community park providing proximity for residents and can accommodate a larger number of users than the other park types. Due to their size and numbers of programs associated with community centers, daycare facilities and many other types of recreation facilities, community parks also serve the greatest number of people. community parks also provided more programs of a unique nature like water play.
2. *Parks associated with schools:* Play areas in parks adjacent to schools were identified as the next priority due to their level of use, particularly after the school day.
3. *Neighborhood Parks:* neighborhood parks were the third priority because of the limited size of their service areas.

Criteria for prioritizing the removal of architectural barriers in play areas city-wide should reflect a strategic approach to providing opportunities for accessible play for City residents and visitors. Criteria for prioritizing the removal of architectural barriers should include the following non-rank ordered factors:

- *Geographic distribution:* Provide opportunities for accessible play in all geographic areas of the City.
- *Uniqueness of program:* Provide access to play areas with unique play elements and programs.
- *Level of use:* Prioritize play areas that are used by large numbers of users.
- *Shared use:* Prioritize play areas that are subject to joint use with schools or other institutions.
- *Identified complaints:* Prioritize play areas that have complaints regarding accessibility.

Barriers in City play areas should be removed systematically based on these program priorities. The City of Irvine can modify these barrier removal priorities in order to allow flexibility in accommodating community requests, changes in City programs, and funding opportunities and constraints.

This barrier removal strategy is intended to enhance access to the programs, activities and facilities provided by the City that have the highest visitation or most frequent use.

Prioritizing the Removal of Architectural Barriers within a Play Area

1. *Paths of Travel:* Remove barriers along the path of travel within the play area including surfacing and overhanging objects.
2. *Play Components:* Remove barriers within the play areas equitably between both age groups (2 to 5 and 5 to 12).

It is important, and required, that all accessible play area features be maintained in an accessible condition.

OTHER CONSIDERATIONS FOR ACCESSIBLE PLAY AREAS

- Ensure that play components not specifically addressed in the ADA Standards are accessible so that the play program is integrated and universally accessible. An example is a sand play area or sand surfacing in play areas that serves as a play component. Providing a transfer system to enable movement between a wheeled mobility device and the sand surface will enable people to play in the sand and socialize with others playing in the sand.
- Identify and address barriers along the path of travel between parking (if provided), the public right-of-way/sidewalk and the play area.
- Identify and address barriers along the path of travel connecting the play area to other park facilities and elements such as restrooms, drinking fountains and park buildings.
- Ensure that a variety of types of play components are accessible – not all one type.
- Promote integration between play area users with and without disabilities.
- Consider using play leaders to support programmed play opportunities in play areas to facilitate the integration of children with and without disabilities.

Strategies for the Removal of Architectural Barriers in Play Areas

Barriers identified in the Play Area Assessment range from maintenance items requiring minor alterations, to small projects requiring vendors or contractors, to the full replacement of a play area. Maintenance tasks and smaller projects may be addressed sooner as they are easier to implement and may serve to provide an interim solution until larger projects can be accomplished. The City is encouraged to explore consolidating smaller work tasks for removing barriers identified widely throughout the system into a single larger project for efficiency and cost savings as an economy of scale. Examples would be paths of travel or play surfacing projects. Some barrier removal projects may entail greater investment of time and money and need to be included in the City's Capital Improvement Program.

It is necessary for the City to make progress on removing barriers at all levels of investment to meet current play area design guidelines and provide accessible play areas. In the meantime, systematic removal of barriers will continue to improve programmatic access to the City of Irvine's play area facilities.