

REPORT TO THE CITY OF PEORIA COMMUNITY SERVICES DEPARTMENT

Section 36: Sundance Park

October 22, 2013

Legend of Abbreviations

aff...	Above the finished ground
AR...	Accessible Route
CIL...	Change in Level
CFS...	Clear Floor Space
EPC...	Elevated Play Component
GLPC...	Ground Level Play Component

Background

The RAC staff visited Sundance Park to conduct an access audit. The findings are below.

- 1.1 Parking** – [CHECKLIST] slopes – 2.4% in first stall [SP7](#), [SP8](#), 3.3% aisle [SP9](#), [SP10](#), 3.3% second stall [SP11](#), [SP12](#); gap in aisle [SP1](#), [SP2](#); lacks violation signs (checklist); signs low [SP3](#), [SP4](#), [SP5](#), [SP6](#); lacks van signage (checklist)

Recommendations (Sundance Park is a site designated with accessible features so 1.1.1 through 1.1.5 is integral to compliance with title II program access test):

- 1.1.1 **Repair or correct slope** of parking space and access aisle to max 2.08% in any direction (SP7, SP8, SP9, SP10, SP11, SP12)
- 1.1.2 **Resurface** stalls and access aisles to eliminate gaps and cracks (SP1, SP2)
- 1.1.3 **Acquire** and mount correct fine sign for all stalls (checklist)
- 1.1.4 **Raise** existing accessible parking signs so lowest end of bottom sign is min 60" aff (SP3, SP4, SP5, SP6)
- 1.1.5 **Add one van parking sign** to accessible stall that is 11' and 5' or 8' and 8' (checklist)

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- 1.2 Exterior Accessible Route** - [CHECKLIST] detectable warning fails, lacks domes [SP20](#); gaps – 1.5" at head of parking stalls [SP19](#), [SP20](#); cross slope – 3.1% to play area [SP15](#), [SP16](#); running slopes – 8.1% to tennis [SP13](#), [SP14](#), 5.8% to play area [SP17](#), [SP18](#)

Recommendations (Sundance Park is a site designated with accessible features so 1.1.1 through 1.1.5 is integral to compliance with title II program access test):

- 1.2.1 **Replace** existing detectable warning with compliant truncated dome template integrated into the walking surface (SP20)
- 1.2.2 **Correct or fill** 1.5" gap along AR (SP19, SP20)
- 1.2.3 **Correct or repair** sidewalk cross slope along AR to max 2.08% (SP15, SP16)
- 1.2.4 **Correct or repair** sidewalk running slope along AR to max 5% (SP13, SP14, SP17, SP18)

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1.3 **Playground Designated Entry** - [\[CHECKLIST\]](#) no access to elements on sand surface, large CIL (checklist)

Recommendations (in the alternative, leave as is and designate playgrounds at other sites in the Department as accessible):

1.3.1 **Replace existing surface** with an accessible surface such as EWF, PIP or tiles, with compliant slopes and CILs (checklist)

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1.4 **Playground Surface/Accessible Route within** - [\[CHECKLIST\]](#) sand not accessible; 2.3% cross slope at 5 to 12 entry [SP66](#), [SP67](#)

Recommendations (in the alternative, leave as is and designate playgrounds at other sites in the Department as accessible):

1.4.1 **See 1.3.1 above** for surface correction (checklist)

1.4.2 **Repair or correct cross slope** of play area accessible surface to max 2.08% (SP66, SP67)

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1.5 **Transfer System** - [\[CHECKLIST\]](#) 2 to 5 transfer step tread – one 13.75” [SP43](#), [SP44](#); riser heights not uniform on both – 2 to 5 [SP45](#), [SP46](#), [SP47](#), 5 to 12 [SP68](#), [SP69](#), [SP70](#)

Recommendations (in the alternative, leave as is and designate playgrounds at other sites in the Department as accessible):

1.5.1 **Correct** transfer step tread depth to 14” max and uniform on 2 to 5 transfer, if feasible (SP43, SP44)

1.5.2 **Correct** transfer step riser height to 8” max and uniform on both (SP45, SP46, SP47, SP68, SP69, SP70)

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1.6 Ramps – not applicable

1.7 Elevated Play Components - [[CHECKLIST](#)]

2 to 5 structure: 3 of 10 compliant; apply incentive scoping due to lack of ramp (checklist); reach range – corkscrew 30" [SP48](#), [SP49](#); tic tac toe 27" [SP50](#), [SP51](#); triangle overhead bars 53.5" [SP54](#), [SP55](#); spinning planet panel 24.5" [SP56](#), [SP57](#); disc climber 30" [SP58](#), [SP59](#); lack AR due to platform CIL's – 4 of 10 EPC's [SP52](#), [SP53](#), [SP60](#)

5 to 12 structure: 3 of 10 compliant; apply incentive scoping due to lack of ramp (checklist); reach range – overhead triangle 43" [SP71](#), [SP72](#); monkey bars 42.5" [SP73](#), [SP74](#); corkscrew climber 29.5" [SP75](#), [SP76](#); D bar climber 33.5" [SP78](#), [SP79](#); not on AR due to lack of transfer steps – 4 of 10 EPC's [SP77](#)

Recommendations (in the alternative, leave as is and designate playgrounds at other sites in the Department as accessible):

- 1.7.1 **Lower reach range** to corkscrew climber and tic tac toe to max 24" for an individual seated on the deck as a smart practice on 2 to 5 structure (SP48, SP49, SP50, SP51)
- 1.7.2 **Leave as is**, remaining EPCs as the above correction will meet 50% on 2 to 5 structure (SP54, SP55, SP56, SP57, SP58, SP59, SP52, SP53, SP60)
- 1.7.3 **Lower reach range** to overhead triangle and monkey bars if feasible to max 28" for an individual seated on the deck as a smart practice on 5 to 12 structure (SP71, SP72, SP73, SP74)
- 1.7.4 **Leave as is**, remaining EPCs as the above correction will meet 50% on 5 to 12 structure (SP75, SP76, SP78, SP79, SP77)

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1.8 Ground Level Play Components - [[CHECKLIST](#)] lacks one of each type of GLPC's accessible (checklist)

Both structures: fails incentive scoping, needs one more type and correction to surface at language panel (checklist); swings high [SP61](#), [SP62](#), [SP65](#), [SP63](#), [SP64](#)

Recommendations (in the alternative, leave as is and designate playgrounds at other sites in the Department as accessible):

- 1.8.1 **See 1.3.1 above** for surface correction for access to language panel (checklist)
- 1.8.2 **Add one more type** of GLPCs such as climbers, spinners or rockers, to meet incentive scoping (checklist)
- 1.8.3 **Lower entry point for one bucket swing** to 11” to 24” aff (SP61, SP62, SP65)
- 1.8.4 **Leave as is**, remaining GLPCs as the above correction will meet incentive scoping (SP63, SP64)

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1.9 Sand box/Play tables – not applicable

1.10 Park Site - [CHECKLIST]

Mutt mitt (2): lack AR and out of reach range [SP85](#), [SP86](#), [SP87](#), [SP88](#)

Volleyball: lacks AR [SP82](#)

Benches (3): meet outdoor guidelines, lack armrest [SP84](#)

Recommendations (Sundance Park is a site designated with accessible features so 1.10.1 and 1.10.3 is integral to compliance with title II program access test):

- 1.10.1 **Relocate mutt mitts** to be in reach range of the AR and lower to max 48” to the highest operable part (SP85, SP86, SP87, SP88)
- 1.10.2 Create AR with crushed and compacted stone or similar outdoor material from parking or sidewalk to the volleyball playing surface (SP82); in the alternative, **leave as is** and designate volleyball at other sites in the Department as accessible
- 1.10.3 **Acquire and install** at least one armrest to 20% of existing benches as a smart practice (SP84)

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1.11 Shelters/Picnic Areas - [CHECKLIST] all lack accessible tables [SP96](#), [SP97](#), lacks AR to accessible side [SP98](#), [SP99](#); shelter 3 lacks AR to grill [SP95](#), shelter 2 outlets high at 93” [SP100](#), [SP101](#)

Recommendations (Sundance Park is a site designated with accessible features so 1.11.1 through 1.11.3 is integral to compliance with title II program access test):

- 1.11.1 **Replace 20% of the picnic tables** with one with knee and toe clearance, 19” deep at 27” high and 24” deep at 9” high, and place to attain a 36” AR around the table as a smart practice (SP96, SP97, SP98, SP99)
- 1.11.2 **Extend AR** to grill from shelter 3 (SP95)
- 1.11.3 **Lower operating mechanism** in shelter 2 to 15” to 48” aff (SP100, SP101)

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Brenda Rehnke Recreation Manager 623-773-7131	(insert periodic notes regarding steps taken or work completed)	PHASE THREE

1.12 Park Buildings -

Doors: [\[CHECKLIST\]](#) plumbing chase – storage in maneuvering clearance [SP21](#)

Recommendations (Sundance Park is a site designated with accessible features so 1.12.1 and 1.12.2 is integral to compliance with title II program access test): (Doors)

- 1.12.1 For all doors along the public circulation route, **relocate storage and other obstacles** to create 60” maneuvering space around doors (SP21)
- 1.12.2 **Upon renovation**; make above corrections to employee only doors

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Rooms: [\[CHECKLIST\]](#) plumbing chase – storage in AR and turn space [SP23](#); panels and lights out of reach range [SP22](#)

Recommendations (Sundance Park is a site designated with accessible features so 1.12.1 and 1.12.2 is integral to compliance with title II program access test): (Rooms)

- 1.12.1 Employee only areas permit approach, entry, and exit, **relocate obstacles** such as tables and chairs to create AR and turning space through plumbing chase (SP23)
- 1.12.2 Employee only areas permit approach, entry, and exit, **relocate obstacles** such as tables and chairs to create AR through (SP22)

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Restrooms: [[CHECKLIST](#)]

Both: sign lacks symbol of access [SP24](#); pipe cover in sink knee clearance (checklist); sinks shut off too quick (checklist); lack width for toe clearance [SP27](#), [SP34](#), [SP35](#); flush control centered [SP37](#); doors not self-closing, hardware fails [SP28](#), [SP39](#); door mounting fails [SP29](#), [SP30](#), [SP39](#), [SP40](#); hand dryer protrudes [SP25](#), [SP26](#), [SP33](#); floor slopes – men’s 2.9% at drain [SP31](#), [SP32](#), women’s 8.9% to stall [SP41](#), [SP42](#)

Women’s: TP dispenser to close to grab bar [SP36](#)

Recommendations (Sundance Park is a site designated with accessible features so 1.12.1 through 1.12.10 is integral to compliance with title II program access test): (Restrooms)

- 1.12.1 **Acquire and mount** signage, including access symbol at both (SP24)
- 1.12.2 **Reroute or recess** sink pipes to provide 27” knee clearance in both (checklist)
- 1.12.3 **Adjust timing** of sink faucets to remain on for min 10 seconds in both (checklist)
- 1.12.4 **Provide** toe clearance at the front and side partitions, or enlarge stall to provide the same in both (SP27, SP34, SP35)
- 1.12.5 **Leave as is**, flush control, acceptable alternative in both (SP37)
- 1.12.6 **Adjust** stall door to be self-closing and install hardware operable without a tight pinch or grasp on both sides in both (SP28, SP39)
- 1.12.7 **Rehang** stall door to be max 4" from adjacent stall partition and on the stall wall farthest from the toilet in both (SP29, SP30, SP39, SP40)
- 1.12.8 **Relocate or recess** hand dryers to not interfere with general circulation path, protrusions can’t be greater than 4” (SP25, SP26, SP33)
- 1.12.9 **Correct or repair** slopes to max 2.08% cross in both (SP31, SP32, SP41, SP42)
- 1.12.10 **Remount toilet paper dispenser** max 7” to 9” from front of toilet, 15” to 48” aff and min 12” above or 1.5” below grab bar in women’s (SP36)

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- 1.13 **Other – Trails** [[CHECKLIST](#)] slopes fail – 10.6% for more than 10’ without a landing [SP93](#), [SP94](#)

Recommendations (Sundance Park is a site designated with accessible features so 1.13.1 is integral to compliance with title II program access test):

1.13.1 **Frequently maintain trail running slope** to assure it does not exceed 8.33% slope for 200' max, 10% for 30' max or 12.5% for 10' with resting spaces on the trail as a smart practice (SP93, SP94)

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