



April 13, 2022

Nicholas Carlson
Assistant Public Manager
Roxborough Village Metro

Re: Roxborough Village - Liverpool And Cavaletti Park Safety Survey

Nicholas,

This report is in follow-up to the safety survey completed on March 15, 2022. The purpose of the survey was to identify potential safety hazards. and/or OSHA violations.

Attached, is a list of safety observations and recommendations based on conditions present at the time of my visit. If you have any questions or require additional information after reading this report, please don't hesitate to contact me.

Sincerely,

Adam Johnsen, CSP

Adam Johnsen, CSP
Safety Management Consultant
Colorado Special Districts Property and Liability
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DISCLAIMER: Observations and recommendations are purely advisory and based on practices and conditions observed and information provided at the time of this survey. Observations and recommendations are not intended to include every loss or accident potential. It's the report recipient's responsibility to make further observations and take whatever action that may be necessary to prevent losses, enforce safety procedures and eliminate hazardous conditions so as to comply with any federal, state, or local law, rule or regulation concerning safety and health.

Report Summary

Report Name: Roxborough Village - Liverpool And Cavaletti Park
Completed for: Roxborough Village Metro
Inspection Date: April 13, 2022
Score: 64.7%

Findings:

General Maintenance

Issue Identified Loose-fill surfacing materials were displaced under heavy use areas
Recommendation Replace the surfacing material. [reference ASTM I 1487, CPSC] [View ASTM Site](#)

Notes: Surface material has been pushed around so much that the bottom material is coming up

Severity: Low (minor impact)

Contributing Factor: Equipment

Photo(s)



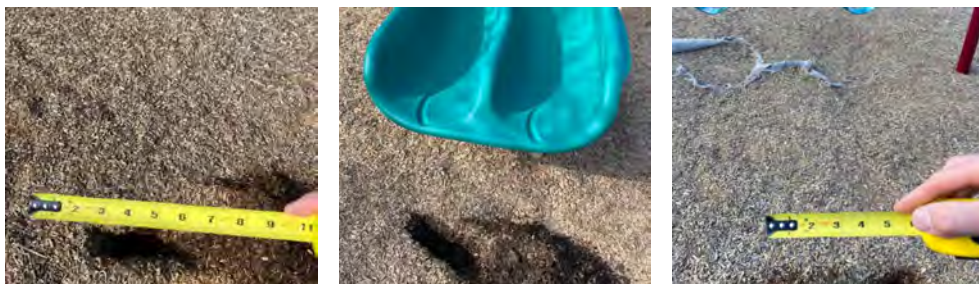
Issue Identified There is not 9 inches of surface material
Recommendation Ensure that there is minimum of 9 inches of surface material. It is recommended that you add enough material to have 12 inches of material so that there is 9 inches after compaction and after material is pushed around. [ASTM F1292] [View ASTM Site](#)

Notes: There is not enough surface material at the playground.

Severity: Moderate (marginal impact)

Contributing Factor: Equipment

Photo(s)





Positive Finding There are no trip hazards in a use zone

General Upkeep of Playgrounds

Positive Finding The entire play area has satisfactory drainage

Positive Finding There are no user modifications to the equipment

Positive Finding The entire playground is free from debris and litter

Issue Identified **The signs used for play areas are not legible or are not in good repair**

Recommendation *Maintain the signs in the park so they are legible and in good repair. [reference ASTM 1487, CPSC] [View ASTM Site](#)*

Notes: There is no playground signage at the playground.

Severity: Low (minor impact)

Contributing Factor: Administrative

Photo(s)



Equipment: Swings

Positive Finding The swing seats are in good condition

Positive Finding The swing chains are in good condition

Positive Finding The brackets are spaced correctly

Equipment: Composite Structure

Positive Finding There are no obstructions in the playground use zone

Issue Identified **There are broken or cracked pieces on the equipment**

Recommendation *Repair and or replace broken or cracked pieces on the equipment. [reference ASTM 1487, CPSC] [View ASTM Site](#)*

Notes: There area lot of caps missing on the top of the support poles. They are filling up with wood chips and will cause the supports to start rusting from the inside out. This is the 2nd time I have mentioned this.

Severity: Moderate (marginal impact)

Contributing Factor: Equipment

Photo(s)



Positive Finding
Positive Finding

The playground is free from entanglement and head entrapments
The use zone is adequate, minimum 72 inches

Equipment: Climbing Elements

Positive Finding

There are no obstructions in the playground use zone

Issue Identified

There are loose, missing bolts or nuts on the equipment

Recommendation

Replace and or tighten the nuts in accordance with manufactures instructions. [reference ASTM I 1487, CPSC] [View ASTM Site](#)

Notes: There are a lot of missing hand holds and even more lose hand holds on the climbing wall. Tighten everything up.

Severity: Moderate (marginal impact)

Contributing Factor: Equipment

Photo(s)





Equipment: Other

Issue Identified Worksite is not free from other recognized hazards

Recommendation Correct the unsafe conditions/hazards. [reference ASTM 1487, CPSC] [View ASTM Site](#)

Notes: There is a broken bolt on the spinner. Replace bolt or remove the spinner.

Severity: Moderate (marginal impact)

Contributing Factor: Equipment

Photo(s)



Score Summary	#	Severity Summary	Qty
Issues Identified:	6	N/A (Not Assigned)	0
Positive Findings:	11	Advisory (negligible impact)	0
Total Findings:	17	Low (minor impact)	2
Percent Positive:	64.7%	Moderate (marginal impact)	4
Severity Adjustment:	0%	Serious/Extreme (deducts 5%)	0
Final Score:	64.7%	Critical/Catastrophic (deducts 10%)	0

Submitted by:
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