

Title **Jaycee Park** 01/24/2022
 by **Mark Kosbab** in **Member District ADA Project Request** id. 22357990
 mkosbab@elkgrovecparks.org

Original Submission 01/24/2022

Name **Mark Kosbab**

Job Title **Director of Parks and Planning**

E-mail Address **mkosbab@elkgrovecparks.org**

Phone Number **847-228-7911**

Park District **Elk Grove**

Project Location **Jaycee Park**

Project Status **New**

Project Type **Routes and Surfaces**

Routes and Surfaces- select a Project Category below: **Play Surfaces**

Benefits of the Project **To provide an inclusive playground**

Items that will become ADA Compliant **Pour in place surface**

The project is designed or constructed, or applies human resources, to comply with: **The 2010 Standards for Accessible Design
 The Illinois Accessibility Code
 ASTM F 1951 Standard for Accessible Playground Surfaces
 Agency's ADA Transition Plan**

Upload Project Related Files, Photos, Videos or Audio

[2-5_Edge_of_PIP_bottom_of_slope.JPG](#)

[5-12_drone_view_by_RB.JPG](#)

[Drone_view_2-5_by_RB.JPG](#)

[Final_Payout_Jaycee_.pdf](#)



[PIP_report.pdf](#)

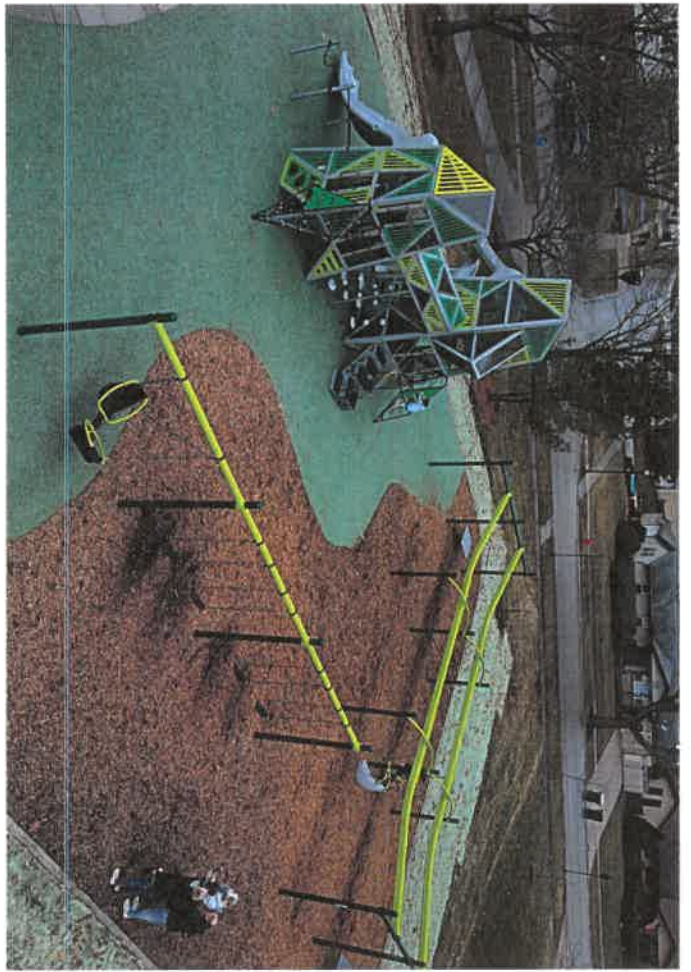
[PIP_test_3_12_ht.JPG](#)

Budget Table for ADA Related Expenses

[Budget Table.xlsx](#)

ADA Dollars Requested	72464.0
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Notes related to requested amount	n/a.
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**Pro-Techs
Surfacing, LLC**



ASTM F1292 Test Report

Report Date

10/27/2021

Prepared for

Elk Grove Park District

Attention

Jeff Collier

Testing provided by Pro-Techs Surfacing, LLC

PO Box 301, Sharon Center, OH 44274

330.576.6058

Report completed by:

Eric J Byrd

info@pro-techssurfacing.com

www.pro-techssurfacing.com



THE SURFACE THAT PRO-TECHS!

ASTM F1292 Test Report

Report Date 10/27/2021

There shall be one report for each play structure or functionally linked play structures and for each type of surface material. Each test shall comprise of a minimum of 3 impact locations per playspace or type of surfacing material with three drops from the same height to the same point. The report shall be descriptive enough to assist the user of the report in determining compliance with contracts and standards. The ASTM F1292-09, CSA Z614-07, AS/NZS4422-1996, CNS12643-A1044 and CPSC doc 325 set minimum values as the Gmax shall not exceed 200 and the HIC shall not exceed 1000 from the drop height stipulated by the owner/operator prior to purchase.

Agency Requesting Test	Playground/Site Detail	Installation Company
Elk Grove Park District	Jaycee Park	Pro-Techs Surfacing, LLC
499 Biesterfield Rd.	889 Brantwood Ave.	PO Box 301
Elk Grove Village	Elk Grove	Sharon Center
Illinois	Illinois	Ohio
60007	60007	44274
USA	USA	USA
Jeff Collier	Jeff Collier	George Tomko
847-437-9494	847-437-9494	330-576-6058

Testing Equipment

Test Date 10/27/2021	Test Apparatus s/n Triax 2015 - 30-11566	Reference Pre-Drop Tests Completed Yes
Test locations Reference drops in folder 7 were a gmax of 191, 189, and 190. The drop locations selected will be around the 8-ft and 12 ft decks of the composite structure and two additional drops over on the 2 to 5 area.	Training Certificate C892 - Eric Byrd	Gmax within 5% of Nominal Gmax Yes

Weather Conditions

Weather condition of test Clear and sunny	<input type="checkbox"/> Frozen
Ambient air temperature 54.0	<input checked="" type="checkbox"/> Dry
	<input type="checkbox"/> Wet

Surface Description

Description of Surface Unitary poured in place rubber safety surface system	Specified depth of surface material (In) 3.500	Maximum Thickness (In) 5.500
Surface condition New	Product Name Perma Play	Minimum Thickness (In) 2.500
Type Two layer poured in place	Date Installed 10/19/2021	Average Thickness (In) 3.500

ASTM F1292 stipulates that the drop height for each test location shall be the greater of the critical height for the surface material, the fall height for the play structure as stated in the relevant playground Standard or the height specified by the owner/operator prior to purchase. The drop height is physically measured. The drops are performed from the same drop height to the same point on the surface. Velocity readings available upon request.

Location 1 Composite structure Interior side of slide on 8 ft deck

Requires Impact Test Yes	Critical Height (Ft) 7.917	Surface Depth (In) 5.500
Use Zone Met Yes	Drop Height (Ft) 8.000	Surface Temperature (F) 83.3



Impact	Drop	G-Max	HIC
1	4	88	508
2	5	87	497
3	6	86	496

Average of 2 & 3 86.5 496.5

Comment

Location 2 Composite structure Slide exit area on 8 ft deck

Requires Impact Test Yes	Critical Height (Ft) 7.917	Surface Depth (In) 5.500
Use Zone Met Yes	Drop Height (Ft) 8.000	Surface Temperature (F) 88.7



Impact	Drop	G-Max	HIC
1	7	77	405
2	8	78	411
3	9	78	416

Average of 2 & 3 78 413.5

Comment

Location 3 Composite structure Central crossover area

Requires Impact Test Yes	Critical Height (Ft) 11.000	Surface Depth (In) 5.500
Use Zone Met Yes	Drop Height (Ft) 11.000	Surface Temperature (F) 81.8



Impact	Drop	G-Max	HIC
1	10	109	787
2	11	110	795
3	12	109	780

Average of 2 & 3 109.5 787.5

Comment

Location 4 Composite structure Spiral slide use zone interior side on 12 ft deck

Requires Impact Test Yes	Critical Height (Ft) 11.917	Surface Depth (In) 5.500
Use Zone Met Yes	Drop Height (Ft) 12.000	Surface Temperature (F) 88.5



Impact	Drop	G-Max	HIC
1	13	112	812
2	14	112	815
3	15	107	762
Average of 2 & 3		109.5	788.5

Comment

Location 5 Composite structure Spiral slide use zone off of 12 ft deck

Requires Impact Test Yes	Critical Height (Ft) 11.917	Surface Depth (In) 5.500
Use Zone Met Yes	Drop Height (Ft) 12.000	Surface Temperature (F) 66.7



Impact	Drop	G-Max	HIC
1	16	115	850
2	17	113	827
3	18	110	788
Average of 2 & 3		111.5	807.5

Comment

Location 6 Track ride End use zone

Requires Impact Test Yes	Critical Height (Ft) 8.250	Surface Depth (In) 4.000
Use Zone Met Yes	Drop Height (Ft) 8.250	Surface Temperature (F) 49.8



Impact	Drop	G-Max	HIC
1	19	109	626
2	20	108	607
3	21	108	601
Average of 2 & 3		108	604

Comment

Location 7 Composite structure Bridge between 8 ft and 12 ft decks

Requires Impact Test Yes	Critical Height (Ft) 11.000	Surface Depth (In) 5.500
Use Zone Met Yes	Drop Height (Ft) 11.000	Surface Temperature (F) 39.5



Impact	Drop	G-Max	HIC
1	22	102	700
2	23	104	720
3	24	100	674
Average of 2 & 3		102	697

Comment

Location 8 Swings Bay 3 front side

Requires Impact Test Yes	Critical Height (Ft) 7.500	Surface Depth (In) 4.000
Use Zone Met Yes	Drop Height (Ft) 7.500	Surface Temperature (F) 88.7



Impact	Drop	G-Max	HIC
1	25	113	647
2	26	116	671
3	27	118	686
Average of 2 & 3		117	678.5

Comment

Location 9 Small composite structure Open area drop

Requires Impact Test Yes	Critical Height (Ft) 4.000	Surface Depth (In) 2.500
Use Zone Met Yes	Drop Height (Ft) 4.000	Surface Temperature (F) 88.5



Impact	Drop	G-Max	HIC
1	28	94	357
2	29	94	360
3	30	92	346
Average of 2 & 3		93	353

Comment

General Site Notes



The results herein reflect the performance of the tested playground surface at the time of testing and at the temperature(s) and ambient conditions reported. Performance will vary with temperature, moisture content and other factors.

Signature of Customer (if present)

Valerie [Signature]

Authorized signature

Eric J Byrd

Test performed by

Eric J Byrd



MEMORANDUM

TO: Park Board of Commissioners

FROM: Valerie Gerdes Lemme, Landscape Architect
Mark Kosbab, Director of Parks and Planning

SUBJECT: Agenda Item – Pay Request #3 Approval- Hacienda Landscaping, Inc.
Final Payout - Jaycee Park

DATE: Dec 2, 2021

Attached is Payment Application #3, from Hacienda Landscaping, Inc. for services and materials for Jaycee Park, 60 889 Brantwood Avenue. The pay request is for ninety-seven thousand, eight hundred forty-seven dollars and twenty-six cents (\$97,847.26).

This is the final payout and all final waivers have been received.

Staff recommends and requests Park Board approval of the pay request for the previously approved agreement between the Elk Grove Park District and Hacienda Landscaping, Inc., 17840 Grove Rd., Minooka, IL 60447.

Board approved
3-0 12/9/2021
Mark Kosbab

1
10



ELK GROVE PARK DISTRICT

Bill To: Elk Grove Park District
499 Biesterfield Road
Elk Grove Village, IL 60007

Purchase Order No. **79579**

Purchase Order Date 12/15/2021

Vendor No. _____

Ship To (check one): Attn. Valerie Lemme

Vendor Hacienda Landscaping Inc.
17840 Grove Rd
Minooka, IL 60447
815-782-6493

- Administration Building
499 Biesterfield Rd
Elk Grove Village, IL 60007
- Jack A. Claes Pavilion
1000 Wellington Ave.
Elk Grove Village, IL 60007
- Al Hattendorf Center
225 Elk Grove Blvd.
Elk Grove Village, IL 60007

- Fox Run Golf Links
333 Plum Grove Rd.
Elk Grove Village, IL 60007
- Rainbow Falls Waterpark
200 Rev. Morrison Blvd.
Elk Grove Village, IL 60007
- Facility Maintenance Warehouse
140 Lively Blvd.
Elk Grove Village, IL 60007

Contact Person Maria G/Dinora Lara

WHITE COPY: Vendor Copy
YELLOW COPY: Accounts Payable Copy -
attach to back of invoice

Description	G/L Number	Total
1. <u>Jaycee Playground Pay App #3</u>	<u>52-6-0001-600073</u>	<u>97,847.26</u>
2.		
3.		
4. <u>Board Approved 12-9-2021</u>		

Not less than the prevailing rate of wages as found by the Elk Grove Park District or the Illinois Department of Labor or as determined by the court on review shall be paid by the Contractor/Vendor and all subcontractors to all laborers, workers, and mechanics performing work on the project. If such rates change prior to completion of the work it is the duty of the contractor to pay such revised rates to laborers, workers and mechanics performing work hereunder. The Contractor is required to verify current prevailing wages prior to the first day of each month and to pay the then-current prevailing wage rate. The prevailing wage rates are revised by the Department of Labor (IDOL) and are available on the department's website at www.state.il.us/agency/idol. Further, the contractor shall provide certified payrolls to the Park District as provided by the Illinois Prevailing Wage Act [820 ILCS 130/0.01 et seq.]

Valerie Mendis Lemme

Submitted 12-15-2021

PAYMENT APPLICATION

TO: Elk Grove Park District 499 Blesterfield Rd Elk Grove Village, IL 60007 Attn: Valerie Gerdes Lemme	PROJECT NAME AND LOCATION: Jaycee Park Playground Renovat Playground Renovation Elk Grove Village, IL 60007	APPLICATION # 3 Final PERIOD THRU: 12/02/2021 PROJECT #s:	Distribution to: <input type="checkbox"/> OWNER <input type="checkbox"/> ARCHITECT <input type="checkbox"/> CONTRACTOR <input type="checkbox"/>
FROM: Hacienda Landscaping Inc 17840 Grove Rd Minooka, IL 60447	ARCHITECT:	DATE OF CONTRACT: 07/20/2021	
FOR: Jaycee Park Playground Renovation			

CONTRACTOR'S SUMMARY OF WORK

Application is made for payment as shown below.
Continuation Page is attached.

1. CONTRACT AMOUNT	\$209,572.00
2. SUM OF ALL CHANGE ORDERS	\$0.00
3. CURRENT CONTRACT AMOUNT (Line 1 +/- 2)	\$209,572.00
4. TOTAL COMPLETED AND STORED (Column G on Continuation Page)	\$209,572.00
5. RETAINAGE:	
a. 0.00% of Completed Work (Columns D + E on Continuation Page)	\$0.00
b. 0.00% of Material Stored (Column F on Continuation Page)	\$0.00
Total Retainage (Line 5a + 5b or Column I on Continuation Page)	\$0.00
6. TOTAL COMPLETED AND STORED LESS RETAINAGE (Line 4 minus Line 5 Total)	\$209,572.00
7. LESS PREVIOUS PAYMENT APPLICATIONS	\$111,724.74
8. PAYMENT DUE	\$97,847.26
9. BALANCE TO COMPLETION (Line 3 minus Line 8)	\$0.00

SUMMARY OF CHANGE ORDERS	ADDITIONS	DEDUCTIONS
Total changes approved in previous months	\$0.00	\$0.00
Total approved this month	\$0.00	\$0.00
TOTALS	\$0.00	\$0.00
NET CHANGES	\$0.00	

Contractor's signature below is his assurance to Owner, concerning the payment herein applied for, that: (1) the Work has been performed as required in the Contract Documents, (2) all sums previously paid to Contractor under the Contract have been used to pay Contractor's costs for labor, materials and other obligations under the Contract for Work previously paid for, and (3) Contractor is legally entitled to this payment.

CONTRACTOR: Hacienda Landscaping Inc

By: Maria Guzman Date: 12/2/2021
Maria Guzman

State of: IL

County of: Will

Subscribed and sworn to before me this 2 day of Dec. 2021

Notary Public: Rogelio
My Commission Expires: 4/12/2022

ARCHITECT'S CERTIFICATION

Architect's signature below is his assurance to Owner, concerning the payment herein applied for, that: (1) Architect has inspected the Work represented by this Application, (2) such Work has been completed to the extent indicated in this Application, and the quality of workmanship and materials conforms with the Contract Documents, (3) this Application for Payment accurately states the amount of Work completed and payment due therefor, and (4) Architect knows of no reason why payment should not be made.

CERTIFIED AMOUNT: _____
(If the certified amount is different from the payment due, you should attach an explanation, initial all the figures that are changed to match the certified amount.)

ARCHITECT: Valerie Gerdes Lemme Date: 12/2/2021
By: Valerie Gerdes Lemme

Neither this Application nor payment applied for herein is assignable or negotiable. Payment shall be made only to Contractor, and is without prejudice to any rights of Owner or Contractor under the Contract Documents or otherwise.

CONTINUATION PAGE

PROJECT: Jaycee Park Playground Renovat
Playground Renovation

APPLICATION #: 3 Final
DATE OF APPLICATION: 12/02/2021
PERIOD THRU: 12/02/2021
PROJECT #s:

Payment Application containing Contractor's signature is attached.

A ITEM #	B WORK DESCRIPTION	C SCHEDULED AMOUNT	D COMPLETED WORK		F STORED MATERIALS (NOT IN D OR E)	G TOTAL COMPLETED AND STORED (D + E + F)	H % COMP. (G / C)	I BALANCE TO COMPLETION (C-G)	J RETAINAGE (If Variable)
			AMOUNT PREVIOUS PERIODS	AMOUNT THIS PERIOD					
1	Site Preparation, Removals and Earthwork, Complete (1 LS)	\$13,000.00	\$11,700.00	\$1,300.00	\$0.00	\$13,000.00	100%	\$0.00	
2	Silt Fence (180 LF)	\$480.00	\$480.00	\$0.00	\$0.00	\$480.00	100%	\$0.00	
3	Inlet Protection (1 SF)	\$300.00	\$300.00	\$0.00	\$0.00	\$300.00	100%	\$0.00	
4	Stabilized Construction Entrance (1 SF)	\$800.00	\$800.00	\$0.00	\$0.00	\$800.00	100%	\$0.00	
5	Concrete Paving (1472 LF)	\$13,248.00	\$9,273.60	\$3,974.40	\$0.00	\$13,248.00	100%	\$0.00	
6	Curb at Playground (200 SF)	\$7,000.00	\$7,000.00	\$0.00	\$0.00	\$7,000.00	100%	\$0.00	
7	Curb at PIP Surfacing (124 SF)	\$3,720.00	\$3,720.00	\$0.00	\$0.00	\$3,720.00	100%	\$0.00	
8	Engineered Wood Fiber (2565 SF)	\$7,695.00	\$0.00	\$7,695.00	\$0.00	\$7,695.00	100%	\$0.00	
9	Poured-in-Place Surfacing - Including poured in place transition	\$72,464.00	\$0.00	\$72,464.00	\$0.00	\$72,464.00	100%	\$0.00	
10	Integral Curb at Mound (48 SF)	\$1,440.00	\$1,440.00	\$0.00	\$0.00	\$1,440.00	100%	\$0.00	
11	Poured-in-Place on Concrete - Including playground mound	\$43,365.00	\$43,365.00	\$0.00	\$0.00	\$43,365.00	100%	\$0.00	
12	Shelter Footing at Grade - Purchase and install of shelter by	\$4,800.00	\$4,800.00	\$0.00	\$0.00	\$4,800.00	100%	\$0.00	
13	Playground-Sloped Entry.(280 LF)	\$2,800.00	\$2,800.00	\$0.00	\$0.00	\$2,800.00	100%	\$0.00	
14	Alpha Link Towers (1 LS)	\$34,000.00	\$34,000.00	\$0.00	\$0.00	\$34,000.00	100%	\$0.00	
15	Rope Pull Climber (1 LS)	\$500.00	\$500.00	\$0.00	\$0.00	\$500.00	100%	\$0.00	
16	Wavy Climber (1 LS)	\$3,290.00	\$3,290.00	\$0.00	\$0.00	\$3,290.00	100%	\$0.00	
	SUB-TOTALS	\$208,902.00	\$123,468.60	\$65,433.40	\$0.00	\$208,902.00	100%	\$0.00	

CONTINUATION PAGE

PROJECT: Jaycee Park Playground Renovat
Playground Renovation

APPLICATION #: 3 Final
DATE OF APPLICATION: 12/02/2021
PERIOD THRU: 12/02/2021
PROJECT #s:

Payment Application containing Contractor's signature is attached.

A ITEM #	B WORK DESCRIPTION	C SCHEDULED AMOUNT	D COMPLETED WORK		F STORED MATERIALS (NOT IN D OR E)	G TOTAL COMPLETED AND STORED (D + E + F)	H % COMP. (G / C)	I BALANCE TO COMPLETION (C-G)	J RETAINAGE (If Variable)
			AMOUNT PREVIOUS PERIODS	AMOUNT THIS PERIOD					
17	Side Winder (1 LS)	\$670.00	\$670.00	\$0.00	\$0.00	\$670.00	100%	\$0.00	
TOTALS:		\$209,572.00	\$124,138.60	\$65,433.40	\$0.00	\$209,572.00	100%	\$0.00	

Project Type (From ab	Project Category (From Above)	Media File #/Name	Project Category Cost	ADA Portion of Project Cate	% ADA Dollars Requested
Routes and Surfaces	Play Surfaces	2-5 Edge of PIP bottom o	\$209,572	72464	34.58%
Routes and Surfaces	Play Surfaces	5-12 drone view by RB	209572	72464	34.58%
Routes and Surfaces	Play Surfaces	Drone view 2-5 by RB	209572	72464	34.58%
Routes and Surfaces	Play Surfaces	Final Payout Jaycee	209572	72464	34.58%
Routes and Surfaces	Play Surfaces	PIP report	209572	72464	34.58%
Routes and Surfaces	Play Surfaces	PIP test 3 12 ht	209572	72464	34.58%

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Total Project Cost	1047860
Total ADA Portion of Project Cost	434784
Total % of ADA Dollars Requested	41.49%

