

**AGENDA INFORMATION
TIFFIN CITY COUNCIL COMMUNICATION**

DATE:	July 1, 2026
AGENDA ITEM:	Discussion and Consideration of Safety Surface at Woodfield Park and Council Action as Needed
ACTION:	Motion

Work Session Discussion – Woodfield Park Playground Safety Surface

As Council may recall from previous discussions, the playground at Woodfield Park currently utilizes engineered wood fiber (wood chips) as its safety surface. While this material meets required safety standards when properly maintained, it requires significant ongoing maintenance, including regular raking, replacing displaced material, and periodic replenishment to maintain proper fall protection. Due to its location and use, Woodfield Park requires more annual playground surface maintenance than any other City park.

Staff has explored replacing the existing wood fiber with a poured-in-place rubber safety surface. This improvement would significantly reduce annual maintenance, provide a more consistent and accessible safety surface, enhance the overall appearance of the playground, and offer a longer service life. However, it also represents a considerable capital investment.

Attached are two pricing options for Council's consideration:

- **Option 1:** Contractor completes all preparation and installation.
- **Option 2:** City Public Works staff complete portions of the site preparation, reducing the overall project cost.

This item is being presented as a discussion only. Public Works Director Brian Detert will provide an overview of the options, anticipated maintenance savings, and answer any questions Council may have as staff seeks direction on how to proceed.

ATTACHMENTS: Woodfield Park Estimate Options



**ECOTURF PLAYGROUND
SURFACING**

7356 Holliday Dr
Kansas City, KS 66106
913-713-1573

Rock Sub-base Examples

Examples of how finished sub-base should look



Leaders in Playground Surfacing

A Taylormade Company



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Rock Sub-base Examples

Examples of how finished sub-base should not look



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Poured in Place Sub-base Requirements

Sub-base shall be compacted aggregate, concrete, or asphalt installed in accordance with manufacturer's written specifications.

A. Compacted Aggregate Base

- 1. 4 inches of 3/8", 1/2", or 3/4" clean aggregate rock, or equal, compacted to 90% of max density.**
- 2. Compaction shall be done with a hand compactor, landscape roller, or vibratory plate compactor.**
- 3. The base shall be installed at a slope of 2%**
- 4. Verify that sub-surfacing drainage, if required, has been installed to provide positive drainage.**

B. Concrete Base

- 1. Thickness of 4 inches**
- 2. 3000-3500psi**
- 3. Use steel rebar or wire mesh for reinforcement**
- 4. For expansion joints use 0.5" (12mm) saw cuts every 10' (3m)**
- 5. Slope shall be 1" (25mm) over every 10' (3m)**
- 6. Surface finish shall be heavy broom with a straight edge finish**

C. Asphalt Base

- 1. Thickness of 3 inches installed per manufacturer's recommendations**

Asphalt and Concrete base must be cured to manufacturer's recommendations before installation of safety surface

Sub-base shall be approved by Owner prior to installation of the safety surface

ESTIMATE

Taylormade Co
7356 Holliday Dr
Kansas City, KS 66106-5102

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+1 (913) 713-1573
www.ecoturfsurfacing.com



Estimates 2026:26176

Bill to
City of Tiffin
300 Railroad St
Tiffin, IA 52340

Ship to
Woodfield Park
Tiffin, IA 52340

Estimate details

Payment Terms: Net 30

Estimate no.: 26176 Opt 1
Estimate date: 06/03/2026

#	Product or service	Description	Qty	Rate	Amount
1.		Area 1			
2.	Sub-Base	Installation of up to 6.5'' of aggregate sub-base	1400	\$2.39	\$3,346.00
3.	Installation	Installation of Poured In Place Safety Surface 50/50 black & color mix for 8' and below fall height (3.5'' depth)	1400	\$13.93	\$19,502.00
4.		Area 2			
5.	Sub-Base	Installation of up to 6.5'' of aggregate sub-base	3111	\$2.39	\$7,435.29
6.	Installation	Installation of Poured In Place Safety Surface 50/50 black & color mix for 8' and below fall height (3.5'' depth)	2711	\$13.93	\$37,764.23
7.	Installation	Installation of Poured In Place Safety Surface 50/50 black & color mix for 9' and below fall height (4'' depth)	400	\$14.67	\$5,868.00
8.	Shipping	Estimated Shipping for Material	4511	\$0.68	\$3,067.48
9.		***Does not include removal of existing surface or excavation/grading of area to be 10'' below desired finish***			
10.		***DUE TO THE VOLATILE NATURE OF THE TRANSPORTATION INDUSTRY AT THIS TIME, SHIPPING PRICES ARE ONLY VALID FOR TWO WEEKS***			

Total

\$76,983.00

Accepted date

Accepted by



**7356 Holliday Drive
Kansas City, KS 66106
Phone: 913-713-1573**

Estimate Contract

The estimate price for this project has been calculated based on the current prices for the materials. However, the market for the materials is considered to be volatile, and sudden price increases could occur.

Ecoturf Surfacing agrees to use our best efforts to obtain the lowest possible prices from available material suppliers, but should there be an increase in the prices of these specified materials that are purchased after execution of the Contract for use in this project, the Customer will be notified of the cost increase.

Upon notification, the Customer will then have the option to pay the cost increase or cancel the project and contract.

All projects are dependent on weather and installation dates are tentative

A standard additional insured certificate will be supplied at no charge upon customer request. If the customer requests any changes to Ecoturf Surfacing's insurance the customer will be responsible for the cost of any and all changes.

Customer is to supply and install construction fence around site and have security to watch over the site once the project has begun, up until the surface is dry and ready to be used. Any and all costs to repair or replace damage to surface caused by a lack of security or fencing will be the responsibility of the customer.

Customer is responsible for placing rubber wear mats in high traffic areas, such as under swings and at the bottom of slides. Customer is responsible for site restoration.

100% full payment is due in NET 30 days upon completion of project. Past due invoice will be billed at 2% per month (24% annum). In the case of any default, customer shall pay Taylormade Co, Inc. DBA Ecoturf Surfacing reasonable attorney fees and costs, including those on any appeal even if no suit or action is filed.

All work completed under this contract remains the property of Ecoturf Surfacing until this contract is paid in full.

Please sign and submit this quote to have your project added to our job list. By signing you are stating that you agree to the scope, details, and terms for the above mentioned proposal.

Customer Signature _____

Date: _____

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ESTIMATE

TaylorMade Co
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Kansas City, KS 66106-5102

kristin@ecoturfsurfacing.com
+1 (913) 713-1573
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Estimates 2026:26176

Bill to
City of Tiffin
300 Railroad St
Tiffin, IA 52340

Ship to
Woodfield Park
Tiffin, IA 52340

Estimate details

Payment Terms: Net 30

Estimate no.: 26176 Opt 2
Estimate date: 06/03/2026

#	Product or service	Description	Qty	Rate	Amount
1.		Area 1			
2.	Installation	Installation of Poured In Place Safety Surface 50/50 black & color mix for 8' and below fall height (3.5" depth)	1400	\$13.93	\$19,502.00
3.		Area 2			
4.	Installation	Installation of Poured In Place Safety Surface 50/50 black & color mix for 8' and below fall height (3.5" depth)	2711	\$13.93	\$37,764.23
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6.	Shipping	Estimated Shipping for Material	4511	\$0.68	\$3,067.48
7.		***Does not include removal of existing surface or installation of sub-base and drainage***			
8.		***DUE TO THE VOLATILE NATURE OF THE TRANSPORTATION INDUSTRY AT THIS TIME, SHIPPING PRICES ARE ONLY VALID FOR TWO WEEKS***			
				Total	\$66,201.71



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