



ALEDO ISD BOARD MEETING TEMPLATE

MEETING DATE: June 21, 2021

AGENDA ITEM: Consider Approval of Turf Conversions and Replacements for Aledo High School and Daniel Ninth Grade Campus Fields

PRESENTER: Earl Husfeld, Chief Financial Officer, Tyler Boswell, Director of Construction and Facilities, and Steve Wood, Athletic Director

BACKGROUND INFORMATION:

- Per Board Policy CH (Local), any single, budgeted purchase of goods or services that costs \$50,000 or more, regardless of whether the goods or services are competitively purchased, shall require Board approval before a transaction may take place.
- As we discussed during the May 18, 2021, board meeting, each year the District has the synthetic turf athletic fields inspected by a third-party to monitor the field safety and performance and determine the need for additional maintenance. These annual inspections also help provide the District with data for consideration of planning life-cycle replacements.
- Attached are the summary inspection reports (G-Max Reports) for the 2021 and 2020 years. The year of installation for each field is included on the 2020 report.
- The American Society for Testing and Materials (ASTM) recommends an average G-Max rating limit of 200. The Synthetic Turf Council (STC) recommends a G-Max rating limit of 165. As you can see on the 2021 G-Max Reports, areas tested on the Bearcat Stadium Field and Freshman Field are approaching, or above, these recommended levels.
- At various times during the past several years, the topic of replacing the natural grass baseball and softball fields with synthetic turf has been discussed due to the limitations of grass fields.
- Concerns about student safety given the age and G-Max ratings of the existing synthetic fields at Aledo High School and Daniel Ninth Grade Campus and for discussion of the conversion of the baseball and softball fields to turf, the District approached Paragon Sports Constructors, LLC to provide proposals and a timeline for the replacement/conversion of these fields.
- To ensure best pricing and value, the District utilized the TASB BuyBoard cooperative purchasing method to obtain pricing from Paragon Sports Constructors, LLC.

FISCAL INFORMATION:

Total cost of \$3,163,603.00 will be paid from General Fund 199.



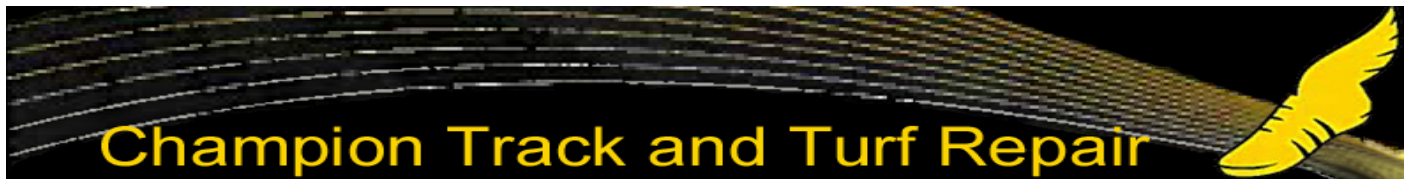
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ATTACHMENTS:

Champion Track and Turf Repair G-Max Reports for 2021, Paragon Sports Constructors, LLC Field Maintenance Summary Report for 2020, Paragon Sports Constructors, LLC Proposals for Turf and Track Surface Replacement for Bearcat Stadium, Turf Replacement at Aledo Ninth Grade Campus, and Proposal for Aledo High School Baseball and Softball Fields Turf Conversions, and Paragon Sports Constructors, LLC Timeline for Turf Replacements and Conversions

ADMINISTRATIVE RECOMMENDATION:

The Administration recommends the Board of Trustees approve the proposals submitted by Paragon Sports Constructors, LLC in the amount of \$3,163,603.00 for the Turf and Track Surface Replacement for Bearcat Stadium, Turf Replacement at Aledo Ninth Grade Campus, and Proposal for Aledo High School Baseball and Softball Fields Turf Conversions as presented.



G-Max Report

District: Aledo ISD
 Date: 10-May-21

School: Aledo Bearcat Stadium
 Tested by: Tim Daughtrey

G-Max Average
167.8

TESTING DATA

Test #1	<u>172</u>
Test #2	<u>174</u>
Test #3	<u>169</u>
Test #4	<u>180</u>
Test #5	<u>172</u>
Test #6	<u>182</u>
Test #7	<u>152</u>
Test #8	<u>160</u>
Test #9	<u>156</u>
Test #10	<u>161</u>

		#1	172	
G				
		#2	174	
20				
	#7	152	#9	156
25				
		#3	169	
40				
		#4	180	
40				
	#8	160	#10	161
25				
		#5	172	
20				
		#6	182	
G				

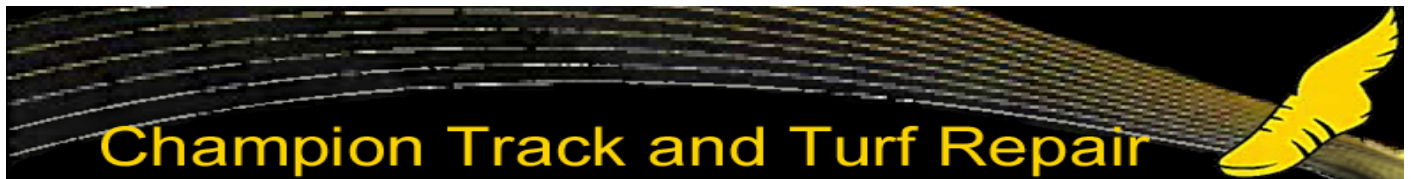
Visitors

Home

x Your G-Max average does meet the ASTM
 (American Society of Testing and Measurements) Standard F1936.
 The approved standard is 200 or less.

 Your G-Max average does NOT meet the ASTM
 (American Society of Testing and Measurements) Standard F1936.
 The approved standard is 200 or less.

Testing Approved by: Tim Daughtrey



G-Max Report

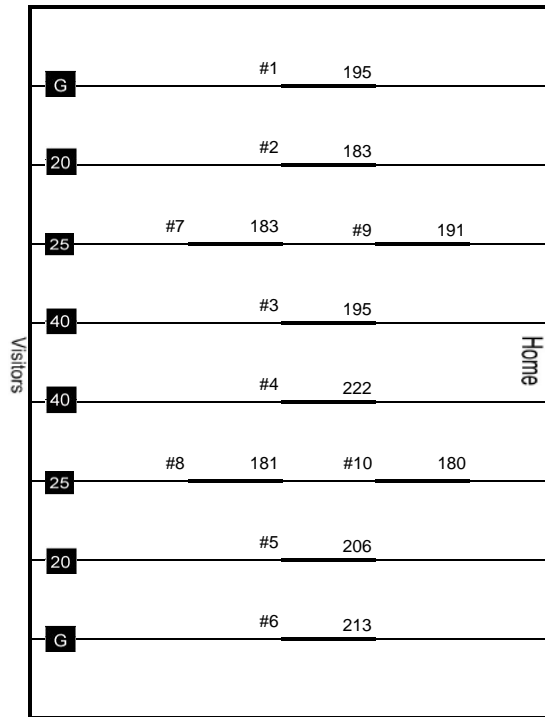
District: Aledo ISD
 Date: 11-May-21

School: Aledo Freshman Field
 Tested by: Tim Daughtrey

G-Max Average
194.9

TESTING DATA

Test #1	<u>195</u>
Test #2	<u>183</u>
Test #3	<u>195</u>
Test #4	<u>222</u>
Test #5	<u>206</u>
Test #6	<u>213</u>
Test #7	<u>183</u>
Test #8	<u>181</u>
Test #9	<u>191</u>
Test #10	<u>180</u>



 x Your G-Max average does meet the ASTM
 (American Society of Testing and Measurements) Standard F1936.
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 Your G-Max average does NOT meet the ASTM
 (American Society of Testing and Measurements) Standard F1936.
 The approved standard is 200 or less.

Testing Approved by: Tim Daughtrey

Field Maintenance Summary

OWNER: ALEDO ISD
CONTACT: STEVE WOOD, ATHLETIC DIRECTOR
PO: 005914

SITE	YEAR INSTALLED	GMAX AVERAGE June 1, 2020	VERTICAL DEFORMATION AVERAGE
ALEDO MIDDLE SCHOOL	2012	151	6.7 mm
9TH GRADE CENTER	2010	172	7.3 mm
AHS INDOOR PRACTICE FACILITY	2011	140	9.1 mm
BEARCAT STADIUM	2011	166	6.6 mm

GMAX: Impact attenuation or “shock absorbency” of field for blunt impacts. ASTM limit 200g’s, STC limit 165 g’s.

VERTICAL DEFORMATION: Depth of surface change under running load.



Date: 5/5/2021 Revised 6/10/21
To: Aledo ISD
Project: Turf and Track Surface Replacement Bearcat Stadium and Track Surface Repair and Respray
Aledo MS
Plans and Specs: none

SCOPE OF WORK

Bearcat Stadium

1. PSC will remove and dispose of existing track surface
2. PSC will remove and dispose of existing synthetic turf surface
3. PSC will remove and replace existing goal posts
4. PSC will regrade existing stone base
PSC will provide and install new Shaw Legion NXT 2.00 synthetic turf with new Shaw NXT Pad. All
5. football and soccer markings inlaid and endzone lettering and center field logo to match existing from Shaw standard colors
6. PSC will install GeoFill organic infill blend with sand and rubber to provide evaporative cooling of turf field.
7. PSC will provide and install new PTS 2000 Grey structure spray track surface over entire existing track and field events surfacing base
8. PSC will stripe track for 400 meters

Base Bid: \$785,120.00

Alternates (not accepted)

1. PSC will provide and install new PTS 4000 Grey sandwich track surface over entire existing track and field events surfacing base, in lieu of PTS 2000

Add to
Base Bid: \$167,674.00 (not accepted)

Pricing Includes Payment and Performance Bonds and Purchasing Co-operative (Buy Board) Fees



CONDITIONS & QUALIFICATIONS

1. This proposal assumes PSC shall have clear and reasonable access to the work for equipment and materials
2. This proposal assumes PSC shall have uninterrupted access to the work area and will not be required to mobilize and re-mobilize
3. This proposal assumes PSC standard wage rate for labor (Davis-Bacon or their Governmental wage scales are not included in the pricing above)
4. Due to continuing fluctuations in the cost of materials beyond our control, PSC reserves the right to verify material pricing prior to execution of a contract, if a contract is not awarded within 60 days of the date of this proposal
5. Unless specifically stated otherwise, this proposal assumes that all construction testing and third party inspection will be contracted and paid for by the owner or general contractor. PSC will coordinate inspections and make all work available for testing, PSC can provide a separate proposal for this work if desired

INSURANCE POLICY COVERAGE'S

Workers Comp.-bodily injury:	\$ 1,000,000 ea. accident
Workers Comp.-disease :	\$ 1,000,000 policy limit
General liability-general aggregate:	\$ 2,000,000 policy limit
General liability-pers./advert.injury:	\$ 1,000,000 policy limit
General liability-each occurrence:	\$ 1,000,000 policy limit
Additional excess umbrella	\$ 5,000,000 policy limit

Signed:

A handwritten signature in blue ink, appearing to read "William Chaffe", is written over a horizontal line.

William Chaffe, President



Date: 5/5/2021
To: Aledo ISD
Project: Turf Replacement Aledo Ninth Grade Center
Plans and Specs: none

SCOPE OF WORK

Aledo Ninth Grade Center

1. PSC will remove and dispose of existing synthetic turf surface
2. PSC will regrade existing stone base
3. PSC will provide and install new Shaw Legion Pro 2.25 synthetic turf. All football and soccer markings inlaid

Base Bid: \$503,784.00

Alternates (accepted)

- PSC will provide and install new Shaw Legion Pro 2.00 synthetic turf with new
1. Shaw NXT Pad in lieu of Legion Pro 2.25. All football and soccer markings inlaid

Add to
Base Bid: \$68,890.00 (accepted)

Pricing Includes Payment and Performance Bonds and Purchasing Co-operative (Buy Board) Fees



EXCLUSIONS

1. Sales Taxes
2. Liquidated Damages
3. Repair or installation of existing or new irrigation systems
4. New utilities or water lines, except as specifically shown in scope, plans or specs
5. Any Chain link fencing, except as specifically shown in scope, plans or specs
6. Rock Excavation (none expected)
7. Bleachers
8. Lighting
9. Seeding or sodding of disturbed areas
10. Any Water and Electric to be supplied by owner
11. No replacement of any field event equipment (ie. take off boards or pole vault boxes)



CONDITIONS & QUALIFICATIONS

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3. This proposal assumes PSC standard wage rate for labor (Davis-Bacon or their Governmental wage scales are not included in the pricing above)
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Workers Comp.-bodily injury:	\$ 1,000,000 ea. accident
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General liability-pers./advert.injury:	\$ 1,000,000 policy limit
General liability-each occurrence:	\$ 1,000,000 policy limit
Additional excess umbrella	\$ 5,000,000 policy limit

Signed:

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William Chaffe, President



Scope of Work

Project: Aledo ISD Baseball & Softball Fields

May 5, 2021; Revised June 10, 2021

PURCHASING COOPERATIVE PROPOSAL

GENERAL CONDITIONS

1. PSC will provide insurance as per coverages below.
2. PSC will provide SWPPP and erosion control measures as required.
3. PSC will provide an on-site storage container and portable toilets as required.
4. PSC will provide project schedule updated no less than monthly during the project.
5. PSC will conduct onsite safety meetings as part of its corporate safety program.
6. PSC will conduct construction progress meetings no less than monthly during the project.
7. PSC will provide drainage design by licensed landscape architect or engineer.

SYNTHETIC TURF BASEBALL FIELD

8. Excavate subgrade to new elevations and compact to proper density and moisture. Remove excess spoils off site. No subgrade stabilization included.
9. Remove existing outfield fence to accommodate new outfield dimension.
10. Install a 12"x12" concrete perimeter turf curb and bullpen curbs.
11. Install 2x4 treated wood turf attachment nailer along new concrete curbs.
12. Install synthetic turf collector drainage system HDPE N-12 perforated pipe in trenches lined with 20 mil PVC liner and backfilled with washed #57 drain stone.
13. Connect collector system within 40' of fields into existing storm sewer.
14. Install 20 mil PVC liner over entire field sub-grade in preparation for drain stone installation.
15. Install 6" washed drain stone layer directly over sub-grade and fine grade with laser guided equipment to achieve finished elevations per synthetic turf design.
16. Install **SHAW LEGION PRO 2" AND TRUHOP 1.75"** synthetic turf on field, bullpens, and batting cage.
17. Includes Aledo "A" colored logo behind home plate.
18. Install sand and rubber infill on all fields to proper levels per **SHAW** turf specifications.
19. Install standard field markings.
20. Provide SMG TURF CARE 1400 tow behind turf maintenance equipment.
21. Provide owner maintenance training for the **SHAW** synthetic turf system.
22. Install 1 set of bases, 5 home plates, and 5 pitching rubbers.
23. Relocate existing foul poles.
24. Install new 8' high metal pane fencing in outfield with 20' high batters eye panel fencing.
25. Relocate left fence to accommodate new field layout.
26. Revegetate disturbed areas.
27. Payment and performance bond fees included.





SYNTHETIC TURF SOFTBALL FIELD

28. Excavate subgrade to new elevations and compact to proper density and moisture. Remove excess spoils off site. No subgrade stabilization included.
29. Install a 12"x12" concrete perimeter and bullpen curbs.
30. Install 2x4 treated wood turf attachment nailer along existing and new concrete curbs.
31. Install synthetic turf collector drainage system HDPE N-12 perforated pipe in trenches lined with 20 mil PVC liner and backfilled with washed #57 drain stone.
32. Connect collector system within 180' of field into existing storm sewer.
33. Install 20 mil PVC liner over entire field sub-grade in preparation for drain stone installation.
34. Install 6" washed drain stone layer directly over sub-grade and fine grade with laser guided equipment to achieve finished elevations per synthetic turf design.
35. Install **SHAW LEGION PRO 2" AND TRUHOP 1.75"** synthetic turf on field, one double bullpen, and batting cage.
36. Includes Aledo "A" colored logo behind home plate.
37. Install sand and rubber infill on all fields to proper levels per **SHAW** turf specifications.
38. Install standard field markings.
39. Provide owner maintenance training for the **SHAW** synthetic turf system.
40. Install 1 set of bases, 5 home plates, and 5 pitching rubbers.
41. Relocate foul poles.
42. Revegetate disturbed areas.
43. Payment and performance bond fees included.

SYNTHETIC TURF BASEBALL & SOFTBALL FIELD PRICING

\$1,805,809.00

Exclusions

1. Sales Taxes
2. Liquidated Damages
3. Geotechnical report and fees
4. Subgrade stabilization
5. Select fill
6. Excavation other than listed above
7. Scoreboards
8. Concrete other than listed above
9. New irrigation systems
10. New utilities or water lines
11. Rock excavation
12. Bleachers
13. Lighting
14. Electrical and conduit
15. Permits





Proposal Conditions & Qualifications

16. This proposal assumes PSC shall have clear and reasonable access to the work for equipment and materials.
17. This proposal assumes PSC shall have one mobilization for this project.
18. This proposal assumes PSC standard wage rate for labor (Davis-Bacon or their Governmental wage scales are not included in the pricing above).
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Insurance Policy Coverage's

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Workers Comp: Disease	\$1,000,000 policy limit
General Liability: General Aggregate	\$2,000,000 policy limit
General Liability: Personal/Advert. Injury	\$1,000,000 policy limit
General Liability: Each Occurrence	\$1,000,000 policy limit
Additional Excess Umbrella	\$5,000,000 policy limit

Signed _____

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William Chaffe, President
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wchaffe@paragon-sports.com
(817) 916-5000





Aledo ISD Turf Replacements and Conversions
Summer 2021

