

**CITY OF BOONVILLE
SPECIAL COUNCIL MEETING
AGENDA**

May 22, 2017

7:00 p.m.

**City Council Chambers
525 E. Spring Street
Boonville, Missouri**

I. Call to Order – Pledge and Prayer – (Steve Young)

II. Roll Call

III. Unfinished Business

- A) Presentation on Soccer Turf Proposals and Associated Elements**
- B) Consider Resolution R2017-05 Authorizing Award of Proposal/Agreement**

IV. Adjourn

NOTICE: The City of Boonville will comply with the Americans with Disabilities Act (ADA). Individuals who require an accommodation due to disability to attend this meeting should contact our office at 660-882-2232 or Relay Missouri, 1-800-735-2966 TTY at least 48 hours in advance.

Date: May 16, 2017

To: Mayor and City Council

Re: Soccer Projects, Other Capital Projects and Funding Plan

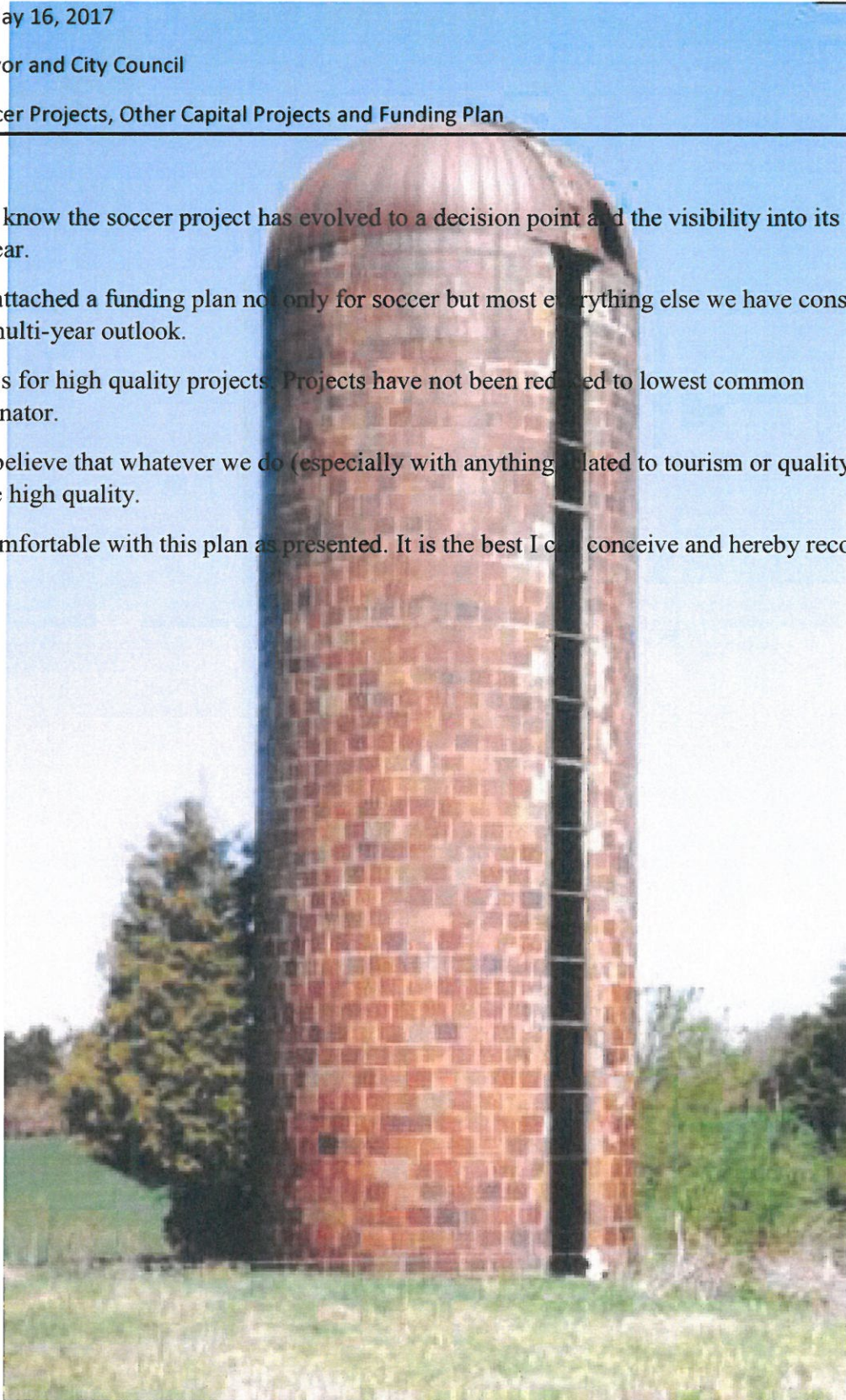
As you know the soccer project has evolved to a decision point and the visibility into its cost is now clear.

I have attached a funding plan not only for soccer but most everything else we have considered. It is a multi-year outlook.

It allows for high quality projects. Projects have not been reduced to lowest common denominator.

I fully believe that whatever we do (especially with anything related to tourism or quality of life) must be high quality.

I am comfortable with this plan as presented. It is the best I can conceive and hereby recommend it.





Silo #1: Assorted Legacy Projects (2 year window)

- A. Golf Related \$120
Cart Shed, Restroom, Signage, Other
 - B. Animal Shelter \$250 (FY 18-19)
 - C. A Barracks Roof \$280
 - D. Pay School \$460
 - E. Airport grant match \$350 (FY 18-19)
Runway rebuild
 - F. K Barracks
Environmental- \$250
Demolition - \$250 (FY 18-19)
 - G. Equipment (TBD) \$50
 - H. Contingency \$40
- TOTAL (SILO #1): \$2,050,000**
-\$50,000 (Animal Shelter Donation)
\$2.0 M- City



Silo #2: Soccer Phase III

- A. Turf base bid etal. \$2.7-3.0M
- B. Engineering \$50
- C. Fencing \$75
- D. Ameren Costs \$30
- E. Storage Building \$35
- F. Landscaping \$50
- G. Signage \$50
- H. Equipment Upgrade \$30
- I. Mower \$60
- J. Lift (Share) \$15
- K. Accessories (goals, benches, etc) \$50
- L. Paint Machine \$35
- M. Sod #3 25
- N. Underdrain #3 60
- O. Field Lighting \$800
- P. COP (Silo #1.5) overrun \$50
- Q. Contingency \$200
- R. Operation Subsidy (startup like golf) \$100
- S. Other \$85
Field light conduit

TOTAL: \$4.5-4.8M
(Interest Expense- Other sources)



Silo 1.5- Sidecar

From 2016 COP Proceeds
\$1,500 – I/I Basin
\$1,500 – Phase I and II Soccer
\$3,000,000



- 1. Grading Field 1-6, w/ inspection \$630
 - 2. Grading #7 \$100
 - 3. #3 Irrigation and seeding
Plus practice field \$250
 - 4. Phase II Infrastructure* \$520
- \$1,500,000**

*Some risk of overrun

Silos #3 and #4 and Last to follow for context, but they are independent and unrelated to this deliberation.

Sources and Uses

Uses:

Silo #1	\$2,000,000
Silo #1.5	0 (self-supporting)
<u>Silo #2</u>	<u>\$4,500- 4,800</u>
	\$6,500,000-\$6,800,000

Sources:

A) Cash FY 17-18	\$500 (in Budget Amendment to come)
Cash FY 18-19	<u>\$200-300 (est.)</u>
	700-800K
B) Budget 17-18	425 (#17 Gaming)
	455 (#20 New Sales Tax/Use Tax)
Budget 18-19	425 (#17- Gaming)
	<u>455 (#20 New sales tax/use tax)</u>
	\$2,500,000 +/-

Net:

\$2,500,000
<u>-2,000,000 (Silo #1)</u>
\$500,000- Silo #2*
Thus, Silo #2 deficit \$4.0M-\$4.3M (Assume at \$4.0M)

Silos #1 and #2 Financing
2-year Picture

Silo #1	\$2.0M
Silo #2	<u>\$4.5-4.8M</u>
	(say) \$6,500,000
	<u>-2,500,000 sources</u>
	NET (\$4.0M)
	To be financed

Sources for silos #1 and #2	
Cash (17-18FY)	\$500 (confirmed)
(18-19FY)	\$200-300 (est)
Budget (17-18 FY)	\$425 Gaming
(current year)	\$455 New tax/use tax
Budget (18-19 FY)	\$425 gaming
(April 18-March 19)	<u>\$455 New tax/use tax</u>
Total:	\$2,500,000

Lease Purchase

(Hodges Collateral- Land and Improvement)

\$4,000,000+/- Repayment schedule (4.0M)

Mid 2017-Mid 2018

- draw and spend

- Sync payments to Mid May annually

May 2018- Pay Accrued Interest only to date

- As accrues through construction

May 2019* (FY 19-20)- \$1.0 Principal (starts repayment)

May 2020* (FY 20-21)- \$1.0 Principal

Remaining Balance: \$2,000,000 +/-

Amortize evenly over 3 years evenly

May 2021*- \$667,000

May 2022*- \$667,000

May 2023*- \$667,000

Principal

*Interest expense also payable annually in May. Peaks in 2019, decline thereafter

Sources of cash FY 19 - onward		
FY 19-20		
(April 19-March 20)	425	Gaming
	455	New tax/use tax
	210	Debt Service
		(Runoff)
	<u>110</u>	<u>Cash- est</u>
	<u>\$1,200,000</u>	
	(steady state forward)	
FY 20-21	\$1,200,000	
FY 21-22	\$1,200,000	
FY 22-23	\$1,200,000	
FY 23-24	\$1,200,000	

Thus FY 19-20 and FY 20-21 very quiet. Thereafter loosens up and extinguishes in May 2023.

I did not choose to reopen the 2016 COP. We have discussed the unused financing capacity within the 2016 COP Structure. Initially there is \$960,000 of capacity, that amount increases about \$240,000 per as the original debt in paid down.

In and of itself it is not enough money so other avenues would have been needed to supplement it.

I also thought we simply should have discipline and pay this soccer debt as quickly as manageable.

During this period, the 2016 COP available debt capacity remains an option, the amount of which increases annually. This could be used on something new. I would suggest if ever used the use should be very, very compelling.

Keep in mind many of the numbers are my estimates. The revenue side are estimates with high confidence. The project side numbers vary in their certainty. Overall, I do not think inaccuracies will have a material effect on the overall plan.

Finances- Soccer Phase III

Total Cost: \$4.0+/-

- A. Construction Period: Mid/Late summer 2017, then early/mid 2018
 - a. Financing proceeds availability needs to mirror this period.
 - b. Prefer to make "draws" of proceeds periodically as needed during this period until completion.
- B. Security- Hodges Property
- C. Debt Service- Pay date is annually in May
 - a. First Payment of May 2018- Interest only for interest accrued to that date for construction
 - b. If some proceeds not yet drawn but to be needed- we can discuss
 - i. Bank funds an account for City to use for remainder of project which accrues interest even if not drawn- that way our total principal financed is exactly known.
 - c. Term – 6 years m/l
 - i. Payments somewhat front end loaded

Example (Assumes \$4.0M)

May 2018- Pay Accrued Interest to date

May 2019- \$1.0 Principal plus interest

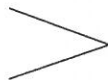
May 2020- \$1.0 Principal plus interest

May 2021- \$666,667 Principal plus interest

May 2022- \$666,667 Principal plus interest

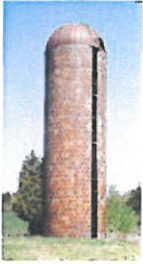
May 2023- \$666,667 Principal plus interest

DONE



Last 3 years take remaining Principal; divide by 3

Prepayment option will be available for later years.



Silo #3 Water and Wastewater Projects

- A. Hail Ridge – Sewer Ext. \$150+/-
(To Pierre – Clubhouse-I-70)
- B. 2nd Street Water line Done
- C. 2nd St. Waterline cont.
In phases 100X3= \$300 \$200-300
(To 3rd & Spruce)
- D. 87 Water line (Hail Ridge) \$350
- E. 87 water Northward \$100
- F. Water to Sieckman/Lake \$60
- G. Water Plant
 - a. Firm Capacity \$300
 - b. Move Electrical \$100
 - c. Demo/rebuild sm. Bldg. \$60
- H. Lily Branch lift station \$125
(If electrical may be more)
- I. Disinfection by product ? (some in budget)
- J. Main Upgrade Program -
2nd St. Extension for now
- K. Integrated Management Plan
 - a. Basin \$1,500,000
 - b. Discharge Line \$2,000,000
 - c. Plant \$10,000,000+
- L. Water District departure Incremental

I, K are Urgent, Remaining items no set time frame

Sources

- A. 2016 COP's \$1,500,000
- B. 08 Fund Cash \$2,000,000
- C. 06 Fund Annual Capital
- D. 08 Fund Annual Capital
- E. 17 Fund Gaming
- F. Internal 06+08 Funds
(cash flow freed up by debt payoff and
release of reserve account monies)

(SELF-SUPPORTING)



Silo 4- Other projects

- NO distinct funding source
 - Some scattered sources (05, 16, 01, TDD)
 - Pay as you go method (as money, time and opportunity allow)
 - Generally small projects
 - Quality of Life Enhancements
 - Secondary nature, cumulative effect
- | | |
|---|-----------------------|
| A. Gingrich Warehouse | \$60 (TDD) |
| Spring Street front | |
| B. CBD Swellings | \$100 |
| C. Range Fence | \$5 |
| D. Golf Parking lot | \$250 |
| E. Pierre Lane | \$250+ |
| F. Rolling Hills Street | \$60+ in 17/18 budget |
| G. Kemper Grounds | |
| a. Admin (front) | \$75 |
| (landscape, irrigation, etc) | |
| b. Lake Rejuvenation | ? |
| c. Rear Area along | |
| Stream/woodland | \$75 |
| H. 2 nd St. area improvement | \$150 |
| I. Trailhead, Bunker, old | |
| Structure, camping, | |
| Restrooms | \$50-200 |
| J. Cliff Drive Trail | \$40 |
| K. Park- Internal items | In parks CIP, |
| | Some 17-18 Budget |
| L. Lift Vehicle (part) | \$40 (total) |
| Also soccer | |
| M. Kemper Master plan | |
| Rear area and 2 nd Street | \$30 |
| N. Non-capital initiatives | \$100 |



Silo #5- Last

Largely unfunded, but some light in distance

- | | |
|--------------------------------------|-------------|
| A. Airport Terminal | \$300 |
| Internal? | |
| B. Fire Truck | \$800- 1.0M |
| Internal Savings, debt paydown, 2016 | |
| COPs -Over next 2-4 yrs) | |
| C. A Barracks rehab | |
| D. D Barracks rehab | |
| E. Academic hall rehab | |

(C, D, and E need alternative funding –
SIZEABLE)

Hellas Turf Manufacturer
12710 Research Blvd, Suite 240, Austin, TX 78759
Jose Ruiz

Turf Base

Rock Depth: 6"- 4" base rock and 2" finisher rock

Nailer Board: Pressure treated

Turf Specs

Combo field: Fusion 48 oz. Monofilament/Slitfilm

Soccer Field: Fusion 48 oz. Monofilament/Slitfilm

Face Weight: 48oz

Pile Height: 2 In

Stitch:

G-Max: ≤165

Tuft Bind: >8

Infill: rubber/ aggregate

UV Stabilizer:

Backing:

Warranty: 8 year warranty on turf and civil.

Maintenance:

Training:

Equipment: 3 tow behind ground sweepers provided

Field Equipment: 5 sets of soccer goals with anchors and wheels

*These figures were not provided by the company, so we averaged the three bids that did supply a figure for the base bid comparison.

**Hellas offers a 10% grant for certain eligible entities on the turf. If selected 2,605,500 and total bid price would be \$2,852,626

Base Bid Calculation

Turf: Fusion 48	\$2,895,000
Soil Stabilization*	\$217,000
Concrete Curb (\$19.00/LF- 6218 LF)	included
Service Plan	??
Track Runways*	\$30,126
Bonds (1%)	<u>included</u>
TOTAL:	\$3,142,126**

ACT GLOBAL- Turf Manufacturer
4201 West Palmer Lane, Suite B 175, Austin, TX 78727
Mark West

Turf Base

Rock Depth: 6"- 4" base rock and 2" finisher rock

Nailer Board: Pressure treated

Turf Specs

Combo field: Xtreme Turf BDX 50 dual slit/mono combo or F50 monofilament

Soccer Field: Xtreme Turf BDX 50 dual slit/mono combo or F50 monofilament

Face Weight: 48oz (not verified)

Pile Height: 2 In

Stitch:

G-Max: ≤165

Tuft Bind: >8

Infill: 5 pounds, 70% rubber/30% silica sand

UV Stabilizer:

Backing:

Warranty: 8 year warranty on turf and civil.

Maintenance:

Training:

Equipment: Litter Kat with Sports Field magnet and Greens Groomer
Equipment

Field Equipment: No equipment provided

FIFA 3 year certification provided

Base Bid Calculation

Turf: Xtreme Turf	\$2,868,116
Soil Stabilization*	\$217,000
Concrete Curb (\$19.00/LF- 6218 LF)	included
Service Plan	??
Track Runways*	\$30,126
Bonds (1%)	<u>included</u>
TOTAL:	\$3,115,242

Byrnes and Jones BID (ACT GLOBAL TURF)

Turf: ACT Global 48 oz dual slit	\$2,454,000
Soil Stabilization (lime)	\$206,000
Concrete Curb	included
Peace of Mind Service Plan	\$16,000
Track Runways	\$35,000
Bond	<u>Included</u>

TOTAL: \$2,692,000

(Soil Stabilization, curb, Peace of Mind, Track runways and bond come from Byrnes and Jones bid)

*These figures were not provided by the company, so we averaged the three bids that did supply a figure for the base bid comparison.

ATG Sports- General Contractor and Turf Manufacturer

1602 Galemore St, Festus, MO 63025

Joe Gianino and Don Bollinger

Turf Base

Rock Depth: 6"- 4" base rock and 2" finisher rock

Nailer Board: Pressure treated

Turf Specs

Combo field: Ram Turf FF (dual slitfilm)

Soccer Field: Ram Turf FF (dual slitfilm)

Face Weight: 48oz

Pile Height: 2.1/4 In

Stitch: 3/8in

G-Max: ≤165

Tuft Bind: >8

Infill: 5 pounds, 70% rubber/30% Lock-Tights (sand)

UV Stabilizer: Yes

Backing: Triple backed, Armor Loc 3L backing, Silverback coating system

Warranty: 8 year warranty on turf and civil.

Maintenance: Annual sweeping, grooming, field inspection, onsite repair and industrial grooming and leveling infill provided

Training: Initial training and annual training provided by ATG

Equipment: Greensgroomer 920 E, John Deere Sweeper and Drag Mat. Alternative for a Vertitop Groomer (+\$16,400)

Field Equipment: No equipment provided

Base Bid Calculation

Turf: Ram Turf 48oz(dual slit)	\$2,682,000
Soil Stabilization	\$210,000
Concrete Curb (\$19.00/LF- 6218 LF)	\$118,142
Service Plan	included
Track Runways	\$39,880
Bonds (1%)	<u>\$30,000</u>
TOTAL:	\$3,080,122

Mid-America Sports Construction- General Contractor
Astroturf Installation
1621 Southeast Summit Ave, Lee's Summit, MO 64081
Brock Wilson

Turf Base

Rock Depth: 6"- 4" base rock and 2" finisher rock

Nailer Board: Pressure treated

Turf Specs

Combo field: Rhino SF, Slitfilm

Soccer Field: Rhino Blended, Monofilament and Slitfilm (A-B Pattern)

Face Weight: 48oz

Pile Height: 2.0 In

Stitch: 3/8in

G-Max:

Tuft Bind: >8

Infill: 5.5 pounds, 70% rubber 3.85 lbs/30% silica sand 1.65 lbs

UV Stabilizer: Yes

Backing: Triple backed

Warranty: 8 year warranty on turf and civil.

Maintenance:

Training:

Equipment:

Field Equipment: 5 soccer goals, with anchor kits and wheels; five sets of corner flags; one set of throwdown bases; one movable baseball pitcher mound; 8 sets Velcro replacement panels for batter box and catcher box.

*Grant potential through US Soccer Foundation- speculative, could be up to 5-10% of project, but impact on project is unknown at this time

Base Bid calculation

Turf: Rhino Turf 48 oz	\$2,452,000
Soil Stabilization (Fly Ash)	\$235,000
Concrete Curb	\$107,500
Service Plan	included
Track Runways	\$15,500
Bonds	<u>\$23,956</u>
<u>TOTAL:</u>	\$2,833,956*

Byrne and Jones Construction- General Contractor
13940 St. Charles Rock Road, St. Louis, MO 630
Brett Gaither and Jameson Sheley

Regardless of the turf selected that is detailed below, the following specifications

Turf Base:

Rock Depth: 6" - 4" base rock and 2" finisher rock

Nailer Board: Pressure treated

Common Turf Specs:

Turf: Dual slit with two fibers in one stitch (base bid)

Infill: 5.5 pounds, 70% rubber 3.85 lbs/30% silica sand 1.65 lbs

UV Stabilizer: Yes

Backing: Triple Backed Woven, Greenfields Woven different system

Warranty: 8 year warranty on turf and civil. 3rd party warranty on turf

Greenfields woven provides a 10 year warranty on turf

Maintenance, Training and Equipment: Peace of Mind warranty additional \$16,000 for twice annual cleaning, grooming, inspection and testing. Litter Kat and Greens Groomer Equipment. Orientation and Training once fields are completed, 5 full sets of goals included with anchor mounts and wheels

Base Bid calculation		Woven Bid	
Turf: Shaw Momentum Pro (dual slit, 48 oz):	\$2,435,000	Iron Turf	\$2,731,000
Soil Stabilization (lime)	\$206,000	Soil Stab.	\$206,000
Concrete Curb	included	Curb	included
Peace of Mind Service Plan	\$16,000	Service plan	\$16,000
Track Runways	\$35,000	Track	\$35,000
Bond	<u>Included</u>	Bond	<u>included</u>
TOTAL:	\$2,692,000	TOTAL:	\$2,988,000

Turf Company	Turf Style	Face Weight	Pile Height	Stitch	G-Max	Tuft Bind	Bid Price
Shaw	Momentum Pro-Dual Slitfilm	48/41	2in	3/8"	<165	>10	48 oz: \$2,435,000 41 oz: \$2,409,000
Shaw	Momentum HP (for soccer fields only)	48/41	2in	3/8"	<165	>10	48 oz: \$2,348,000 41oz: \$2,320,000
Shaw	Legion Pro Slitfilm and Monofilament Combo	41	2	1/2"	<120	>10	\$2,527,000
Sportturf	Powerhouse Slitfilm	48/41	2"	1/2"	<165	>10	48oz: \$2,500,000 41oz: \$2,432,000
Greenfields^	XP-Dual Slitfilm	48	2"	1/2"	<165	≥9	\$ 2,611,000
Greenfields^	Slidemax XP	48	2	1/2"	<165	≥9	\$2,611,000
Greenfields*^	Ironturf Ultra Woven	59	2	n/a	<165	n/a	\$2,731,000

* Greenfields Woven is an entirely different type of turf when it comes to the way it is made. The product is woven into the into the backing and then it receives a polyurethane coating. All the other turfs are stitched into the backing with the polyurethane coating "gluing" the carpet fibers onto the backing material.

^Greenfields is a "preferred provider" and certified by FIFA

RESOLUTION NO. R2017-05

**A RESOLUTION OF THE CITY OF BOONVILLE, MISSOURI AUTHORIZING
AND APPROVING THE ENGAGEMENT OF BYRNE & JONES
CONSTRUCTION FOR TURF INSTALLATION AND OTHER SERVICES
REQUIRED TO FINISH THE PLAYING SURFACES ON FIVE (5) SOCCER
FIELDS AROUND BOONVILLE HIGH SCHOOL**

WHEREAS, the City of Boonville has solicited, received, and carefully evaluated proposals for this phase of the soccer complex project under construction at Boonville High School and determined that Byrne & Jones Construction has provided the best and most comprehensive proposal which was openly solicited pursuant Section 2-20 (l) of the Boonville Code of General Ordinances; and

WHEREAS, on written recommendation of the City Administrator, the City Council approved solicitation of competitive sealed bids for this project, and the final and best offers of several firms were received by the City between May 1 and May 17, 2017; and

WHEREAS, the City Administrator and his staff, in consultation with department heads, the City Engineer, soccer players and coaches and others, have spent several months and many hours studying a complex array of options in the artificial playing surface industry and evaluating them as they relate to durability, playability, technological advancements and trends in consumer interest and preferences; and

WHEREAS, during this period of immersion and education respecting turf, and after careful evaluation of all sealed competitive proposals, the Administrator and staff have reached consensus on the package of goods, services, support and expertise, at a competitively reasonable price, offered by Byrne & Jones Construction to the City of Boonville; and

WHEREAS, the City Council has vested its confidence in the above-described evaluation and procurement method and in its administrative and professional staff and is now resolved that this final bid proposal process has resulted in the selection of the best turf installation package proposed to the City of Boonville and hereby resolves that the bid from Byrne & Jones should be accepted and the work authorized in accordance with the specifications and costs as set forth therein.

NOW THEREFORE, be it resolved by the City Council of the City of Boonville, Missouri as follows:

SECTION 1: That the bid for the package of goods and services that will, at a minimum, secure the completion of 5 (five) artificial turf soccer fields at Boonville

High School, should be and is hereby awarded to Byrne & Jones Construction, the final sum to be in accordance with the options and prices as set forth in the Plans and Specifications document dated April 26, 2017 (conveyed to the City on May 1, 2017 as Byrne & Jones' final and best offer) a copy of which is marked **Exhibit A**, attached hereto and fully incorporated herein as if set forth in its entirety.

SECTION 2: That the City Administrator is hereby authorized to engage in the negotiation of the details and precise specifications of this project pursuant to the terms outlined in the bid spec document at **Exhibit A**. Final selection of the packages, items, pricing and terms shall be incorporated into a contract to be finally negotiated, agreed and set forth with particularity, in writing, with all of the terms and conditions deemed appropriate and mutually beneficial to the City and Byrne & Jones Construction, subject to final approval and authorization for execution by the City Council of the City of Boonville in a final action by ordinance.

SECTION 3: This resolution, authorizing the negotiation of the procurement contract with Byrne & Jones Construction, shall take effect and be in full force from and after its passage and approval and shall merge with the final, executed contract upon its approval and execution at the further direction of the City Council.

Passed this 22nd day of May 2017, by the City Council of Boonville, Missouri

Julie Thacher, Mayor

ATTEST:

Teresa Studley, City Clerk



Byrne & Jones
CONSTRUCTION

(314) 567-7997 OFFICE
(314) 567-1828 FAX
www.byrneandjones.com

13940 St. Charles Rock Road
Saint Louis, Missouri 63044

April 26, 2017

To: Irl Tessendorf – City Administrator
Kate Fjell – Assistant to City Administrator
Gary Nauman – Director of Parks
City Hall
401 Main Street
Boonville, Mo 65233-1658

Project: City of Boonville, Missouri Soccer Complex

Plans & Specifications: Our pricing is based on American Sports Builders construction guidelines and standards.

Scope of Work: Byrne & Jones Construction agrees to furnish, install and construct all of the concrete, drainage pipe, aggregate, synthetic turf system, and installation of five (5) synthetic turf fields, totaling 460,050 square feet. This is a turn-key, all-in price, to take your fields from sub-grade to game ready. Our project managers are Certified Synthetic Field Builders, certified by the American Sports Builders Association.

All of our work comes with an all-inclusive eight (8) year warranty for the synthetic turf and civil construction. The synthetic turf warranty is NON-PRORATED.

Selecting Byrne & Jones Construction provides you with the ease and simplicity of having one contract, one company one point of contact. Because we are contractors, not brokers of services, we can control the time, quality, costs and playability of these fields. Our price is an all-inclusive price. There should be **NO Changes Orders**, unless directed by the city due to scope change. Please be aware due to unforeseen soil conditions our bid excludes soil modification. However, we recommend budgeting for this. See alternates. Details outlined below.

Soccer Fields: (total of 466,050 square feet)

Field 1: 93,340 SF Field 2: 93,340 SF Field 5: 93,400 SF Field 6: 92,690 SF Field 7: 93,340 SF

Each field will need the following materials:

- Excavation to subgrade by others (+/- .2) all spoils to remain on site
- Includes mobilization/demobilization.
- Includes 16"x 8" concrete perimeter curb with two #4 bars on all sides
 - Deduct of \$105,000 shown under alternates for deleting the curb from B&J's scope.
- Includes 2"x4" treated nail boards attached to perimeter concrete curb.
- Includes synthetic turf drainage system- geotextile fabric, perimeter collection pipe, & flat drains.
 - Collection pipe per our attached design
 - Collection pipe will tie into existing structures or daylight
- Includes 4" of clean base stone. Laser graded to design thickness.
- Includes 2" of clean surface stone. Laser graded to design thickness.



Byrne & Jones CONSTRUCTION

(314) 567-7997 OFFICE
(314) 567-1828 FAX
www.byrneandjones.com

13940 St. Charles Rock Road
Saint Louis, Missouri 63044

Boonville Soccer Complex Continued Page 2 of 4

- Includes soccer specific synthetic turf system (460,050 SF)
 - Shaw Sports Turf Momentum HP - Slit fibers that are 2" fiber height, 48oz face weight
 - Shaw Sports Turf Momentum Pro - Dual Slit Film for baseball/soccer field, 48oz face weight
 - Infilled system to be a mixture of sand & rubber totaling 5.5 pounds minimum
 - Includes line packages for 11v11 on each field
- Base bid includes:
 - (5) Pair of soccer goals with tie-downs. Sportsfield Specialties Soccer Goals Model SG824R
 - One (1) Greensgroomer #920,
 - One (1) LitterKat sweeper w/magnet.
 - Onsite field maintenance training
 - Payment and Performance Bond
 - Internal design (not engineered stamped.)
 - Includes tying into existing structures outside of the field and day lighting storm sewer as shown in our plan.

Total Investment with each Synthetic Turf Alternate (48oz. face weight and above):

• BASE BID Shaw Momentum HP (48oz) (slit-film fiber)	\$2,348,000
• Upgrade all fields to Shaw Momentum Pro (dual slit, 48oz)	\$2,435,000
• Upgrade all fields to Act Global (dual slit, 48oz)	\$2,454,000
• Upgrade all fields to Sporturf Powerhouse (dual slit, 48oz)	\$2,500,000
• Upgrade all fields to Greenfields DF (dual slit, 48oz)	\$2,575,000
• Upgrade all fields to Greenfields Slidemax xp48 (combo, 48oz)	\$2,611,000
• Upgrade all fields to Greenfields Woven Products (combo, 59oz)	\$2,731,000

****Greenfields Woven Product Alternates** as combination fiber, monofilament and/or dual slit film for the price shown under synthetic turf alternates.

Total Investment with each Synthetic Turf Alternate – 41oz. face weight and below:

• All fields to Shaw Momentum HP (41oz)	\$2,320,000
• All fields to Shaw Momentum Pro (dual slit, 41oz)	\$2,409,000
• All fields to Sporturf Powerhouse (dual slit, 41oz)	\$2,432,000
• All fields to Shaw Legion Pro (combo, 46oz)	\$2,527,000
• All fields to Fieldturf Prestige XT – 50 (30oz)	\$2,537,000



Byrne & Jones

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Additional Alternates:

• Add Lacrosse line package	Price:	\$11,000 per field
• Add 9v9 Line packages per individual 9v9 field	Price:	\$6,500 per field
• 12" deep with 4% lime stabilization - 5 fields 437,371sf	Price:	\$206,000
• Peace of Mind Service Plan* (8 years)	Price:	\$16,000
• If concrete curbing is installed by others	Deduct:	\$105,000
• Black Mat & Structural Spray for 3 Runways	Price:	\$35,000

Synthetic Turf Warranty:

- 8 Year NON-prorated Turf Warranty
- 8 Year civil warranty
- Greenfields Woven Product includes a 10-year warranty in lieu of the 8-year non-prorated warranty

General Conditions/Exclusions:

- Price does not include engineered design, testing, permits, temporary facilities, locates of utilities or any allowances.
- Price based on normal working hours & complete access to the job site.
- Price based on mutually agreeable contract language.
- Price does not include any pavement repairs due to construction traffic.
- Backfilling and seeding by others.
- Price does not include any soil stabilization
- Price does not include any seeding/sodding of disturbed areas.
- Price does not include haul off of spoil material.
- Haul road construction and removal by others, we assume this is being built by the earthwork contractor in phase 1.
- Field event reconstruction for the high school is not included in this number. Pricing does not include the natural grass fields.
- 2 phases of construction included in our base bid.

***Peace of Mind Service Plan** – Certified Synthetic Field Builders, certified by the American Sports Builders Association and G-Max Certified testers will provide the following services:

Each field, (5 fields) will be will be deep cleaned, vacuumed, with either and SMG or Wiedenmann powered groomer. In addition, each field will be GMAX tested. The grooming and testing will be performed two (2) times per year for a total of 8 years. This includes visual inspection, onsite repairs, grooming, magnetic sweeping, inspecting the depth of infill and adjusting as needed, debris removal and disposal.



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Additional Alternates:

- Championship Field (71,000 SF)
 1. Subgrade prepared by others +/- .2' subgrade needs to mirror finish grade
 2. Irrigation installed by others(if we install add \$25,000 to our price)
 3. Provide and install 6" sand cap
 4. Import 90/10 sand peat growing medium
 5. Laser grade growing medium to slope
 6. Incorporate pre plant nutrients and laser grade
 7. Install and adjust sprinkler heads to grade
 8. Provide seed at 5 lbs/ 1000 SF and grow in at time of seeding (seed mixture for Midwest high performance soccer field)
 9. Mowing height of 1.5" year around
- Practice Field
 1. Subgrade prepared by others +/- .2' subgrade needs to mirror finish grade
 2. Irrigation installed by others(if we install add \$25,000 to our price)
 3. Laser grade existing medium to slope
 4. Provide seed and grow in at time of seeding (seed mixture for football practice facility)
 5. Mowing height of 1.5" year around

Price for Championship Field: \$151,000

Price for Practice Field: \$26,000

On behalf of Byrne & Jones Construction's Sports Division, I would first like to thank you for the opportunity to submit our proposal for the Soccer Sports Complex Project. We have reviewed the documents thoroughly and we are confident that we can provide a competitive and attractive package for The City of Boonville.

In the following pages, you will find our proposal and our reference list for your review. If you have any questions at all, please feel free to contact me any time.

Again, we appreciate the opportunity and we look forward to working with you on this project.

Brett Gaither
Director of Business Development
Byrne & Jones Construction

Jameson Sheley
General Manager
Byrne & Jones Construction | Sports