



**Bulloch County
Board of
Commissioners
Regular Meeting**

**November 19, 2013
Estimated Time: 1 Hour 10 Minutes
North Main Annex Community Room
Statesboro, Georgia
8:30 AM**

Meeting Function:	Board of Commissioners	Type of Meeting:	Regular Meeting
Meeting Chair:	Chairman, Garrett Nevil (Presiding)	Recorder:	Clerk of the Board, Christy Strickland
Parliamentarian:	County Attorney, Jeff Akins	Ex-Officio:	Tom Couch, County Manager; Harry Starling, Chief Financial Officer; Andy Welch, Development Services Dink Butler, Transportation Director; Ted Wynn, Public Safety Director; Jared Akins, Chief Deputy; Kirk Tatum, County Engineer ; Mike Rollins, SBCPRD Director

General Agenda

ITEM	RESOURCE PERSON/FACILITATOR	TIME	REFER
Call to Order; Welcome Media and Visitors	Chairman Nevil	8:30 AM	
Invocation and Pledge of Allegiance	Commissioner Rushing	8:32 AM	
Roll Call	Clerk of the Board	8:33 AM	
Approval of General Agenda	Chairman Nevil	8:35 AM	
Presentations			
Georgia Forestry Commission	Forestry Representatives	8:37 AM	
Keep Bulloch Beautiful	Teddye Gandy	8:47 AM	
Public Comments	Audience	8:57AM	
Consent Agenda	Chairman Nevil	9:07 AM	
Approval of Minutes-Regular Meeting & Executive Session held on November 5, 2013	Clerk of the Board		Tab A
To Approve a Resolution agreeing to provide matching funding for Land and Water Conservation Fund Grant Application for proposed improvements to Memorial Park	Parks & Recreation		Tab B
To Approve Sole Source quote from Holbrook Asphalt to apply HA5 High Density Mineral Bond to Parking areas and service drives at Mill Creek Park	Parks & Recreation		Tab C
To Authorize a contract based on a sole source proposal for Voice Over Internet Protocol (VOIP) telecommunications and computer/software for the Courthouse, Judicial Annex, and Adult Probation Department	SPLOST Capital Projects-Buildings & Facilities		Tab D
To Authorize a contract based on a sole source proposal for design services and project management for the re-roofing of the Correctional Institute and for correction of fire safety issues at the jail	SPLOST Capital Projects-Public Safety		Tab E
New Business			
Discussion/Action: To approve a purchase of a Wiedman XP8 Deep Time Aerifier from ShowTurf Inc.	Parks & Recreation	9:10 AM	Tab F

Discussion/Action: To approve a sole source bid from Innova Disc Golf for design/layout services and all necessary equipment to construct a Disc Golf Course	Parks & Recreation	9:15 AM	Tab G
Commission and Staff Comments	Chairman Nevil, et al.	9:25 AM	
Executive Session-Personnel Matters	Administration	9:30 AM	Red Tab
Adjourn	Chairman	9:40 AM	
Additional Information			
Background information in Board packets			

November 5, 2013
Statesboro, GA

Regular Meeting

The Board of Commissioners met at 5:30 p.m. in the Community Room of the North Main Annex. Chairman Nevil welcomed guests and called the meeting to order. County Manager Tom Couch gave the invocation, and the pledge of allegiance.

Ms. Christy Strickland, Clerk of the Board, performed the roll call of the commissioners and staff. The following commissioners were present: Commissioner Ethridge, Commissioner Simmons, Commissioner Mosley, Chairman Nevil, Commissioner Rushing, and Commissioner Thompson. The following staff were present: County Manager Tom Couch, County Attorney Jeff Akins, Developmental Services Director Andy Welch, Transportation Director Dink Butler, Chief Deputy Jared Akins, County Engineer Kirk Tatum, Fire Chief Christopher Ivey, Public Safety Director Ted Wynn, and GIS Director Paul Conner.

After Roll Call, Chairman Nevil asked for amendments or modifications of the General Agenda. County Manager Tom Couch asked to modify the agenda by striking Old Business for Discussion/Action for reconsideration of bids for the resurfacing of various roads in subdivision. He stated the Commissioners had approved the lowest bidder at the October 15, 2013 meeting but after review it was found that the contractor had not submitted the proper forms. Mr. Couch stated the proper forms have been submitted so reconsideration is no longer needed. Hearing no further modifications Commissioner Simmons offered a motion to approve the General Agenda striking Old Business as requested by the County Manager. Commissioner Mosley seconded the motion, and it carried unanimously with Commissioner Thompson, Commissioner Rushing, Commissioner Mosley, Commissioner Simmons, and Commissioner Ethridge voting in favor of the motion.

Chairman Nevil stated the next item on the agenda was a Presentation from the Hospital Authority on the Annual Tax Relief Contribution. Lee Cromley, Chairman of the Hospital Authority stated he had presented Chairman Nevil the contribution check in the amount of \$757,626.43 on October 29, 2013 and reviewed the 2013 Annual report.

Chairman Nevil asked for public comments from the audience at large or in writing. There was no one present for public comments and nothing had been submitted in writing.

Chairman Nevil stated that the next item on the agenda was to approve the Consent Agenda as follows: (1) to approve the minutes of the regular meeting held on October 15, 2013. Commissioner Mosley offered a motion to approve the Consent Agenda. Commissioner Ethridge seconded the motion, and it carried with Commissioner Thompson, Commissioner Rushing, Commissioner Mosley, Commissioner Simmons and Commissioner Ethridge voting in favor of the motion.

Chairman Nevil stated the first item under New Business was for Discussion/Action to approve the FY 2014 Master Project Authorization Road Project. He called on County Manager Tom Couch to initiate discussion on the matter. Mr. Couch stated the purpose is to allow the Board of Commissioners to consider a project authorization schedule for FY 2013-2014 SPLOST proceeds. He stated authorization of these projects will lift the spending freeze that was issued last spring in an effort to update the County six-year Capital Improvements Program (CIP) by January 2014. After additional discussion on different departments, Commissioner Ethridge offered a motion to approve the FY2014 Master Project Authorization (See Exhibit #2013-125). Commissioner Simmons seconded the motion, and it carried unanimously with Commissioner Thompson, Commissioner Rushing, Commissioner Mosley, Commissioner Simmons, and Commissioner Ethridge voting in favor of the motion.

Chairman Nevil stated the second item under New Business was for Discussion/Action to approve a contract for software licensing and products with Pictrometry International. He called on County Manager Tom Couch to initiate discussion on the matter. Mr. Couch stated the purpose of this allocation is to provide the first year of payment of \$48,0101.50 for photo imagery that will be taken of the entire county. He stated there would be multiple benefits for roads, stormwater, and public safety, as well as residual benefits to the Tax Assessors office to identify taxable property. Mr. Couch stated however, given the primary benefits as a fixed capital asset for GIS, costs will be allocated over a three-year payment period with the FY 2014 allocation to be taken from SPLOST stormwater funds. Hearing no further discussion,

Commissioner Ethridge offered a motion to approve the contract for a software licensing and products with Pictrometry International (See Exhibit # 2013-126). Commissioner Rushing seconded the motion and it carried unanimously with Commissioner Thompson, Commissioner Rushing, Commissioner Mosley, Commissioner Simmons, and Commissioner Ethridge voting in favor of the motion.

Chairman Nevil asked for any general comments or statements from the Commissioners. Commissioners Ethridge, Simmons, Mosley, Rushing, and Thompson thanked the staff for their hard work and dedication.

Chairman Nevil asked for comments from the staff. County Manager Tom Couch thanked the Board and staff for all their support and hard work. Chairman Nevil went over some upcoming events for the week. Hearing nothing further from the staff, he stated there was no further business expected for the open session of the regular agenda, and the Board must close the meeting and enter into Executive Session. Chairman Nevil stated that at the conclusion of the Executive Session, which was expected to last about five minutes, the Board would reconvene and in all likelihood move for adjournment. Chairman Nevil called for a motion to adjourn into Executive Session in accordance with the provisions of O.C.G.A. § 50-14-3(b)(2) and other applicable laws, pursuant to the advice of the County Attorney, Jeff Akins, for the purpose of discussion or deliberation on the appointment, employment, compensation, hiring, disciplinary action or dismissal, or periodic evaluation or rating of a public officer or employee. Without further discussion, Commissioner Ethridge offered a motion to enter into Executive Session for the purpose of discussion or deliberation on the appointment, employment, compensation, hiring, disciplinary action or dismissal, or periodic evaluation or rating of a public officer or employee in accordance with the provisions of O.C.G.A. § 50-14-3(b)(2). (See Exhibit #2013-127). Commissioner Rushing seconded the motion, and it carried unanimously with Commissioner Thompson, Commissioner Rushing, Commissioner Mosley, Commissioner Simmons and Commissioner Ethridge voting in favor of the motion.

Chairman Nevil asked if there were any further comments from the Commissioners or Staff. Hearing none from the Board or Staff, Chairman Nevil asked for

a motion to adjourn. Commissioner Simmons offered a motion to adjourn the meeting. Commissioner Ethridge seconded the motion, and it carried unanimously with Commissioner Ethridge, Commissioner Simmons, Commissioner Mosley, Commissioner Rushing, and Commissioner Thompson voting in favor of the motion.

J. Garrett Nevil, Chairman

Attest: Christy Strickland, Clerk of the Board

**BULLOCH COUNTY BOARD OF COMMISSIONERS
AGENDA ITEM SUMMARY**

DEPARTMENT MAKING REQUEST (Box 1)

MEETING DATE (Box 2) NOVEMBER 19, 2013

PARKS & RECREATION DEPT.

RESOLUTION ATTACHED? (Box 3)

YES

NO

REQUESTED MOTION OR ITEM TITLE (Box 4)

Approve a Resolution agreeing to provide matching funding for Land and Water Conservation Fund Grant Application for proposed improvements to Memorial Park.

SUMMARY/BACKGROUND ATTACH DETAILED SUMMARY, IF NEEDED (Box 5)

The attached resolution is required for the pre application process for the Land and Water Conservation Fund Grant program. Bulloch County must agree to provide matching funding if a grant is awarded to Bulloch County. The maximum grant award for this funding cycle is \$100,000.00.

AGENDA CATEGORY
(CHECK ONE) (Box 6)

FINANCIAL IMPACT STATEMENT (Box 7)

PRESENTATION (6a)

BUDGETED ITEM? (7a)

YES

X

AMENDMENT
REQUIRED? (7b)

YES

NO

PUBLIC HEARING (6b)

ATTACH DETAILED ANALYSIS, IF NEEDED (7c)

CONSENT (6c)

X

Matching funding would be taken from Recreation SPLOST funding.

NEW BUSINESS (6d)

OLD BUSINESS (6e)

OTHER (6f)

APPROVED FOR AGENDA (Box 8)

DEPARTMENT
DIRECTOR

PURCHASING
OFFICER

OTHER

COUNTY
CLERK

COUNTY STAFF
ATTORNEY

COUNTY
MANAGER

YES

✓

YES

YES

YES

YES

YES

NO

NO

NO

NO

NO

NO

INITIAL

MR

INITIAL

INITIAL

INITIAL

INITIAL

INITIAL

DATE

11/13/13

DATE

DATE

DATE

DATE

DATE

COMMISSION ACTION AND REFERRAL (Box 9)

APPROVED

DATE TO BE RETURNED TO AGENDA

DENIED

DEFERRED

NOTES

OTHER

Memorandum

To: Mr. Tom Couch , County Manager
From: Mike Rollins, Director of Parks Recreation
Date: 11/12/2013
Re: Land and Water Conservation Fund Grant Resolution

Attached is a resolution that needs to be executed as part of the Pre-application process for a Land and Water Conservation Grant. We are preparing a grant application to assist in funding improvements to Memorial Park. Memorial Park was selected because it is the site of previous LWCF projects and the scoring criteria is much more favorable toward the rehabilitation of facilities that were previously constructed with LWCF funding. Pre-applications for the grant program are due in to the Department of Natural Resources no later than November 27, 2013. In order to meet that deadline the attached resolution needs to be executed at the November 19th meeting. The resolution simply states that we will agree, if selected, to provide matching funding for the project. We will be committing funds from SPLOST. I have attached a resolution that needs to be executed.

Let me know if you have any questions or need additional information.

BULLOCH COUNTY BOARD OF COMMISSIONERS

RESOLUTION

STATE OF GEORGIA

COUNTY OF BULLOCH

WHEREAS, at the November 19, 2013 regular meeting of the Bulloch County Board of Commissioners of Bulloch County, Georgia, held on November 19, 2013, a motion was made and duly seconded that the Bulloch County Board of Commissioners agree to submit a Pre-application for funding from the Land and Water Conservation Fund. The Board of Commissioners further agrees that in the event the Bulloch County pre-application is recommended for funding by the Department of Natural Resources, the Bulloch County Board of Commissioners certifies and assures that it has the **ability** and **intention** to finance their 50 percent of the total project cost and will move forward with due diligence to prepare, or have prepared, appropriate documentation required for a formal LWCF application.

PROJECT SPONSOR

BY: _____
Garrett Nevil, Chairman Bulloch County
Board of Commissioners

**BULLOCH COUNTY BOARD OF COMMISSIONERS
AGENDA ITEM SUMMARY**

DEPARTMENT MAKING REQUEST (Box 1)

MEETING DATE (Box 2) NOVEMBER 19, 2013

PARKS & RECREATION DEPT.

RESOLUTION ATTACHED? (Box 3)

YES

NO

REQUESTED MOTION OR ITEM TITLE (Box 4)

Approve the Sole Source Quote in the amount of \$ 141,384.60 from Holbrook Asphalt to apply HA5 High Density Mineral Bond to the Parking areas and service drives at Mill Creek Park.

SUMMARY/BACKGROUND ATTACH DETAILED SUMMARY, IF NEEDED (Box 5)

See attached memo.

AGENDA CATEGORY
(CHECK ONE) (Box 6)

FINANCIAL IMPACT STATEMENT (Box 7)

PRESENTATION (6a)

BUDGETED ITEM? (7a)

YES

X

NO

AMENDMENT
REQUIRED? (7b)

YES

NO

PUBLIC HEARING (6b)

ATTACH DETAILED ANALYSIS, IF NEEDED (7c)

CONSENT (6c)

X

2007 SPLOST

NEW BUSINESS (6d)

OLD BUSINESS (6e)

OTHER (6f)

APPROVED FOR AGENDA (Box 8)

DEPARTMENT
DIRECTOR

PURCHASING
OFFICER

OTHER

COUNTY
CLERK

COUNTY STAFF
ATTORNEY

COUNTY
MANAGER

YES

✓

YES

YES

YES

X

YES

YES

NO

NO

NO

NO

NO

NO

INITIAL MR

INITIAL

INITIAL

INITIAL CAS

INITIAL

INITIAL

DATE 11/13/13

DATE

DATE

DATE 11.13.13

DATE

DATE

COMMISSION ACTION AND REFERRAL (Box 9)

APPROVED

DATE TO BE RETURNED TO AGENDA

DENIED

DEFERRED

OTHER

NOTES

Memorandum

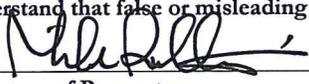
To: Mr. Tom Couch , County Manager
From: Mike Rollins, Director of Parks Recreation & Community Services *MR*
Date: 11/14/2013
Re: Holbrook Asphalt Sole Source Bid Request

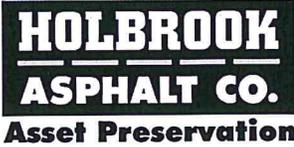
During the past year , as a part of our capital project planning process, we conducted a thorough assessment of all of our capital assets. In assessing the condition of our paving we utilized the services of Blair Barnhart while he was conducting an assessment of county roads.

As you know Mill Creek Park was constructed in 1993. Much of the paving in the park was done in the initial construction phase of the park and the majority of the remaining paving work was done in 2001. During Blair's visit he identified several areas that will require repair and recommended the use of HA5 High Density Mineral Bond over the entire area once the repairs had been completed. He felt that because of the age, current condition, and traffic usage that Mill Creek would be a perfect place to utilize HA5 to help extend the life expectancy of the existing asphalt surface.

In subsequent meetings with Kirk Tatum, County Engineer, he recommended using HA5 on the parking lots and service drives and applying a 3/4 inch layer of asphalt over the "main roads in the park". We concur with this recommendation and feel that it will provide the best long term surface for the roads and parking areas in the park.

At present time the HA5 product is only applied by Holbrook Asphalt, a company that is located in Arizona. It has recently been applied at several locations in the Atlanta area by Holbrook. We are requesting that the Board of Commissioners approve a sole source bid request in the amount of \$141,385.00 to apply HA5 to approximately 67,326 sq. yds. of area at Mill Creek Park. We plan to utilize funds from our 2007 SPLOST proceeds to pay for the service.

SOLE SOURCE JUSTIFICATION FORM BULLOCH COUNTY PURCHASING OFFICE			
DATE	11-19-13	REQUISITION NO.	
DEPARTMENT INFORMATION			
Department	Parks and Recreation	Department Head	Mike Rollins
VENDOR INFORMATION			
Vendor Name	Holebrook Asphalt		
Street Address	21436 N 20th Ave. Ste 205		
City	Phoenix		
State and Zip Code	Arizona 85027		
Phone Number	602-307-0425		
Fax Number	435-656-3943		
E-mail or Web Site Address	www.HolbrookAsphalt.com		
<p>Please specifically justify why the items or services to be approved for sole source treatment:</p> <p>See Attached</p>			
CHECK	SOLE SOURCE CONSIDERATIONS		
X	Exclusive Rights: Item is proprietary under patent or copyright; or possesses a unique function or capability held by single vendor possessing capabilities critical for use (if item is proprietary but available from more than one source, competitive proposals are required).		
	Replacement Parts, Equipment or Accessories: Needed for repair of existing equipment where compatibility is essential for integrity of results and there are no other dealers or distributors.		
X	Technical Service: Service provided is of a highly specialized or scientific nature where proposed vendor is the only resource available or within the geographic area.		
	Continuation of Prior Work: Additional item, service or work required, but not known to have been needed when the original order was placed with vendor		
	Other: Otherwise, due to special scientific, technological, or extraordinary specifications and circumstances, the goods or services is available from only one vendor.		
ATTACH THE FIRM PRICE QUOTATION AND PURCHASE REQUISITION FORM FROM THE SOLE SOURCE VENDOR. QUOTED PRICES SHALL BE FIRM FOR 30 DAYS AND SHALL BE DELIVERED FOB: BULLOCH COUNTY.			
I hereby declare that the information provided herein to be true and accurate to the best of my knowledge and I understand that false or misleading information may be a violation of County Purchasing Policies.			
 _____ Signature of Requestor			
IF THE PURCHASE IS \$10,000.00 OR MORE, APPROVAL IS REQUIRED BY THE BOARD OF COMMISSIONERS			



Utah Office
 3828 South 1700 East
 St. George, UT 84790
 P: 435.652.4427
 F: 435.656.3943

Nevada Office
 5375 S Cameron St., #C
 Las Vegas, NV 89118
 P: 702.823.3902
 F: 702.777.7575

Arizona Office
 21436 N 20th Ave, Ste 205
 Phoenix, AZ 85027
 P: 602.307.0425
 F: 435.656.3943

PROPOSAL

Date	Estimate
7/10/2013	23289

www.HolbrookAsphalt.com

Customer	Type of Job	Job Location
Statesboro-Bulloch Parks & Rec Mike Rollins P.O. Box 408 One Max Lockwood Drive Statesboro, GA 30459	2013 - Splash in the boro	

P.O. Number	Terms	Estimator	Sales Area	State License #
	Due on receipt	MB		

Description	Quantity	Rate	Total
** HA5 HIGH DENSITY MINERAL BOND: (SQ. YD.) -- Clean & prepare surface using high pressure air & wire bristle brooms. -- Install "HA5" High Density Mineral Bond advanced performance pavement preservation treatment. -- HA5 meets demands of APWA (American Public Works Association) specification (Section 32 01 13.68 High Density Mineral Bond).	67,326	2.10	141,384.60

Total	\$141,384.60
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By signing this proposal and contract, I understand that Holbrook Asphalt Co. may not be held liable for delays and conditions, or Acts of God beyond their control, which situations may delay or cause cancelation partially or completely on any job. Jobs may be cancelled or delayed for a considerable amount of time due to delays in material suppliers and/or demand of projects at any given time.

I agree to pay all amount(s) owed within 30 days of when such line item amount(s) are incurred. It is my responsibility to pay all amounts owing herein. I agree that interest will accrue on all past-due amounts at the rate of 24% per annum (2% per month) until paid in full and may be referred to a third party debt collection agency with collection fee's of up to 40% of the principal amount(s) owing as allowed by Utah Code Annotated, sec. 12-1-11. The terms of this paragraph shall apply to all amount(s) incurred by me or by any individual for whom I have legal responsibility whether such amount(s) are incurred today or after today. This proposal becomes a written contract with signatures from both parties.

Signature _____ Print Name _____ Date _____ Holbrook Asphalt Co. _____

Bulloch County Pavement Evaluation and Recommendations for Kirk at Millcreek Regional Park

April 25, 2013 by Blair Barnhardt, APM

Kirk please find the brief summary below of my findings from last months site visit. I recommend HA5 two coats for the High Density Mineral Bond that will seal the water out and make the roads black and very UV resistant for several years to follow, with a few minor concrete repairs as noted, followed with a small area of Zipper type repair, with HMA inlay, followed by the HA5 topical treatment for congruency across the entire area

I have broken out the parking lots from the roadways, and you have the option to do as little as 20,000 SY or the entire amount this calendar year. Note that at this point the Holbrook Asphalt firm in Utah, is the sole source provider of this HA5 High Density Mineral Bond, and there is a specification for it in the UTAH APWA Orange Specification Book

Whenever you decide to proceed with the work, I would suggest you contact the people at Zipper and Holbrook along with a local crack sealer and line striper. I can provide the contact information when the time comes closer. Ideally, I would like to host an IPMA Field Day from this location when the work is to be performed, if you would approve it Kirk.

The three firms, Zipper, TBG and Holbrook have agreed to provide the BBQ lunch, speakers and such to make this a succesful event for all involved.

Parking Areas	44,287 SY	\$1.90	\$84,145.30
	N/A LF	N/A	\$0.00
HA5	1 LS	\$5,000.00	\$5,000.00
Crack Filling	1 LS	\$7,000.00	\$7,000.00
Concrete Rebuild Ramp at Grass Parking			\$96,145.30
Striping			
Subtotal			
Drive Lanes	1 LS	\$10,000.00	\$10,000.00
	34368 SY	\$1.90	\$65,299.20
Crack Sealing	1 LS	\$600.00	\$600.00
HA5	1 LS	\$1,000.00	\$1,000.00
Striping	1 LS	\$2,000.00	\$2,000.00
Concrete Repair ADA 10-6 Youth	500 SY	\$25.00	\$12,500.00
Concrete Repair Rebuild Ramp at Rear			\$91,399.20
Zipper Type Repairs			
Subtotal			\$187,544.50
Total Five Year Plan for Kirk			78,655

Total SY of HA5

Blair Barnhardt
404-316-9792

Mike Rollins

From: Kirk Tatum [ktatum@bulloch.net]
Sent: Wednesday, November 13, 2013 2:52 PM
To: mlrollins@bullochrec.com
Subject: FW:

From: Kirk Tatum [mailto:ktatum@bulloch.net]
Sent: Wednesday, November 13, 2013 12:02 PM
To: 'Mike Rollins'
Subject: RE:

Mike – Based on mine and Dink’s review of the paved areas at Mill Creek Park, I don’t see the need to differentiate the paving sections between the parking and drive areas. I would still recommend going with 0.75 inch of 4.75mm asphalt hot mix on all areas. The latest contract price for hot mix asphalt is \$81 per ton. To do the entire park would require approximately 3530 tons at a cost of \$285,940.00. Approximately 610Sy of the back road would need to be dug out, replaced with suitable material and inlayed prior to final overlay. This would cost approx. \$21,000 bringing the total to approx. \$306,940.

Using your breakdown of mixing HA5 and thin overlay the cost should be about the same \$21,000 for repairs, \$141,385 you had for the HA5 and \$59,623 for the thin overlay on 17,737 SY for a grand total of \$222,008.00.

Hope this helps. I will be in a seminar at City Hall for most of the day. If you have any questions please text or leave a message and I’ll respond.

Kirk

From: Mike Rollins [mailto:mrollins@bullochrec.com]
Sent: Thursday, October 10, 2013 1:56 PM
To: Kirk Tatum
Subject:

Kirk ,

Attached is the breakdown for paving and HA5 at Mill Creek. Could you please revise the Paving cost item and add any other estimated cost that we need to plan for.

Mike Rollins

Michael L. Rollins, Director
Statesboro - Bulloch County Parks & Recreation
P.O. Box 408
Statesboro, GA 30458

912-489-9060 office
912-690-6800 cell
912-764-2425 fax

ROAD	DESCRIPTION	LENGTH	WIDTH	TOTAL SQ. FT.	TOTAL SQ. YDS.	
A	Main Entry Road (to Parking loop road) Crossovers	1300 355	26 12	33800 4260	3755 473	Originally Paved in 1993, Overlaid in July 2001 Originally Paved in 1993, Overlaid July 2001
B	Parking Lot Loop Road	4100	24	98400	10933	Paved in July 1993
D	Parking Lot Road D	200	24	4800	533	Paved in July 1993
E	Parking Lot Road E	250	24	6000	666	Paved in July 1993
F	Parking Lot Road F	175	24	4200	466	Paved in July 1993
G	Splash Boulevard	1018	26	26468	2940	Paved in July 2001
H	Woods Loop (Back Tennis lot to Maint. Rd)	1550	21	32550	3616	Paved in July 2001
I	Maintenance Road	1844	20	36880	4097	Paved in July 1993
J	Upper Soccer Field Road	580	24	13920	1546	Paved in July 1993
K	5 Field Service Drive	420	12	5040	560	Paved in July 1993
L	4 Field Service Drive	86	24	2064	229	Paved in July 1993
M	Emergency Exit Road	470	12	5640	626	Paved in July 1993
		260	12	3120	346	Paved in July 1993
1	Main Parking Lot			0	8044	Paved in July 1993
2	Main Parking Lot			0	6917	Paved in July 1993
3	Main Parking Lot			0	10460	Paved in July 1993
4	5 Field Service Lot	190	58	11020	1224	Paved in July 1993
		33	20	660	73	Paved in July 1993
5	Splash Parking Lot (Phase 1)			0	3300	Paved in April 2004
6	Tennis Drive Thru			0	0	Paved in July 2011
7	Lower tennis Lot	378	18	6804	756	Paved in July 2001
		166	120	19920	2213	Paved in July 2001
8	Woods Road Tennis 2	218	18	3924	436	Paved in July 2001
9	Woods Road	215	18	3870	430	Paved in July 2001
10	Upper Soccer Road	182	22	4004	444	Paved in July 2001
11	Maintenance Area Front			13000	1450	Paved in August 1999
12	Maintenance Area Back			0	7220	Paved in July 2008
13	Walking Trail			67866	7540	Paved in July 2001
14	Splash Service			0	3770	Paved in April 2004
TOTALS					85,063	

PROVEN ALTERNATIVE to SLURRY and CHIP SEALS for residential roadways

Over 90 million Sq Ft installed • 11-year performance evaluations • The choice of 38 public agencies

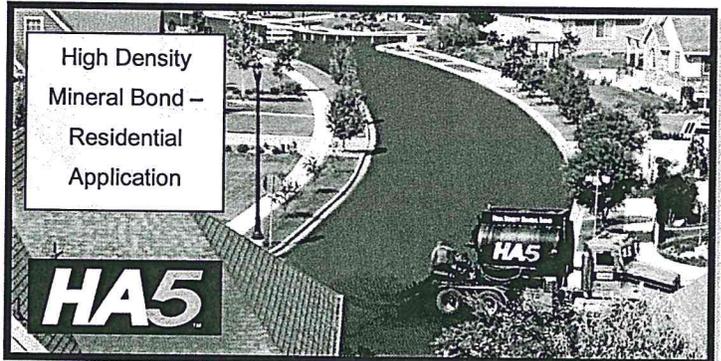
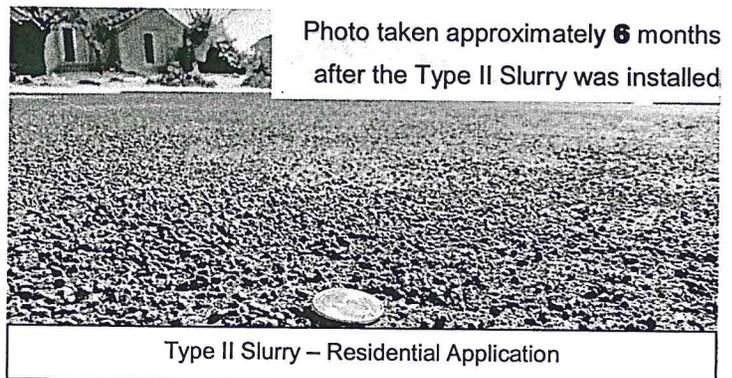
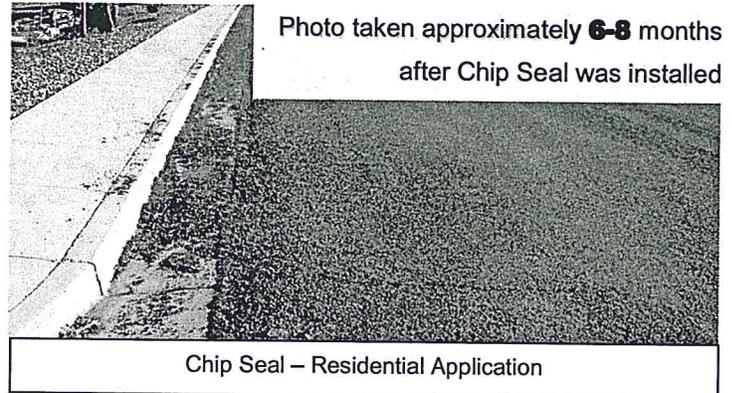
- ✓ LOWER COSTS
- ✓ EXTEND PAVEMENT LIFE
- ✓ INCREASE PUBLIC APPROVAL
(AESTHETICS OF NEW PAVEMENT)
- ✓ PROVEN DURABILITY
- ✓ APWA SPECIFICATION
- ✓ 5-YEAR GUARANTEE

QUICK FACTS:

What is the treatment? High Density Mineral Bond (Brand name: HA5)

What it's not... Fog seal, chip seal, seal coat, slurry, or overlay.

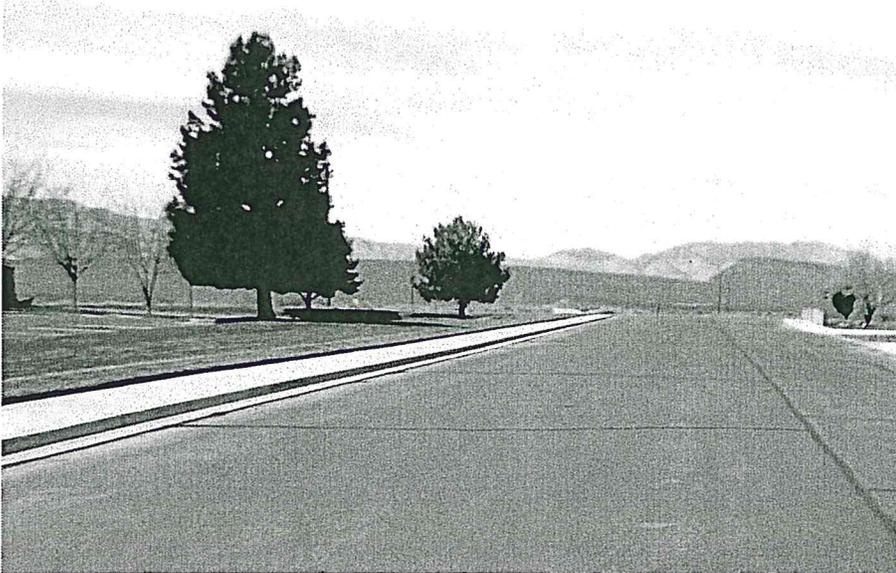
What are the details? To put it simply, HA5 (the only preservation treatment meeting the performance requirements of a High Density Mineral Bond as categorized by the American Public Works Association) provides an armor-like shell with exceptionally high durability that extends the life of asphalt binder by resisting oxidative deterioration. HA5 combines a uniquely emulsified asphalt with a near-neutral charge that is able to hold exceptionally high concentrations of components that resist deterioration. HA5 also contains a protective barrier from ultraviolet rays which accelerates pavement deterioration. The performance of HA5 is backed by an industry best 5-year guarantee.



LEARN MORE:

Contact Holbrook Asphalt at **435-652-4427** or holbrookinfo@holbrookasphalt.com and discover more about HA5.

HOLBROOK
ASPHALT CO.
Asset Preservation



Treatment: HA5 (High Density Mineral Bond)

Installed by: Holbrook Asphalt

Treatment Installation Date: 04-2002

Photo Taken: 03-2012

Age of Pavement at Time of Treatment:
Approx 6 years

Previous Treatments: 0

Location: 1060 South, Ivins City

Length of Time Since
Treatment Installation:

10 Years



KEYS TO PAVEMENT PRESERVATION: The Right Treatment, on the Right Road, at the Right Time.

Residential Roads

HA5 specifically benefits local roads where chip seals and slurry seals lack performance and acceptance.

Engineer's Analysis...

"Based on life cycle analysis HA5 is a better option for residential (lower load/volume) roadways compared to slurry seals."

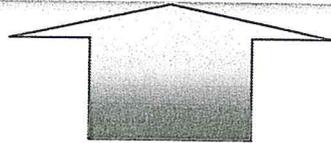
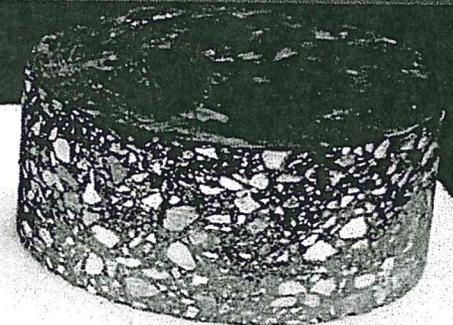
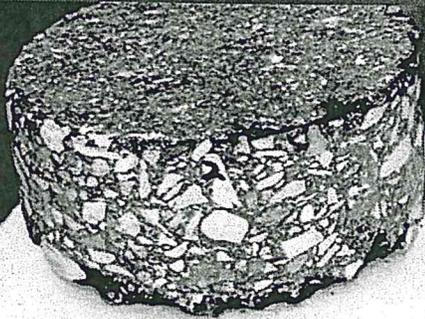
Rod Mills, PE, LEED-AP

Core Sample Comparison

Slurry /

Chip Seal /

HA5

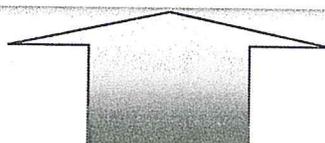


Date Pavement Installed:

1999

Preservation:
Type II Slurry
 Installed in 2007

(Cobblestone Drive)

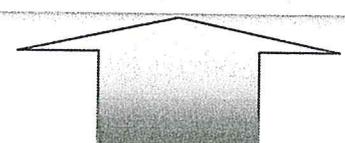


Date Pavement Installed:

1999

Preservation:
Chip Seal
 Installed in 2008

(Boulder Springs Drive)



Date Pavement Installed:

1995

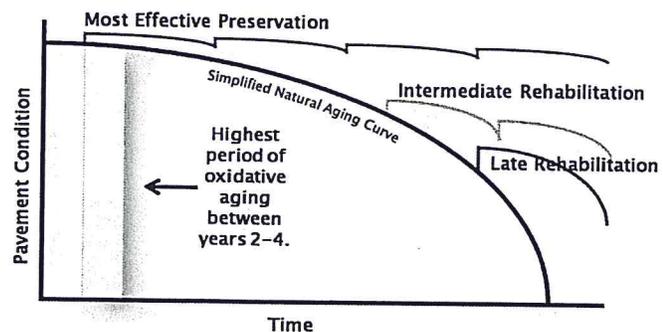
Preservation:
HA5 (High Density Mineral Bond)
 Installed in 2002 / 2008

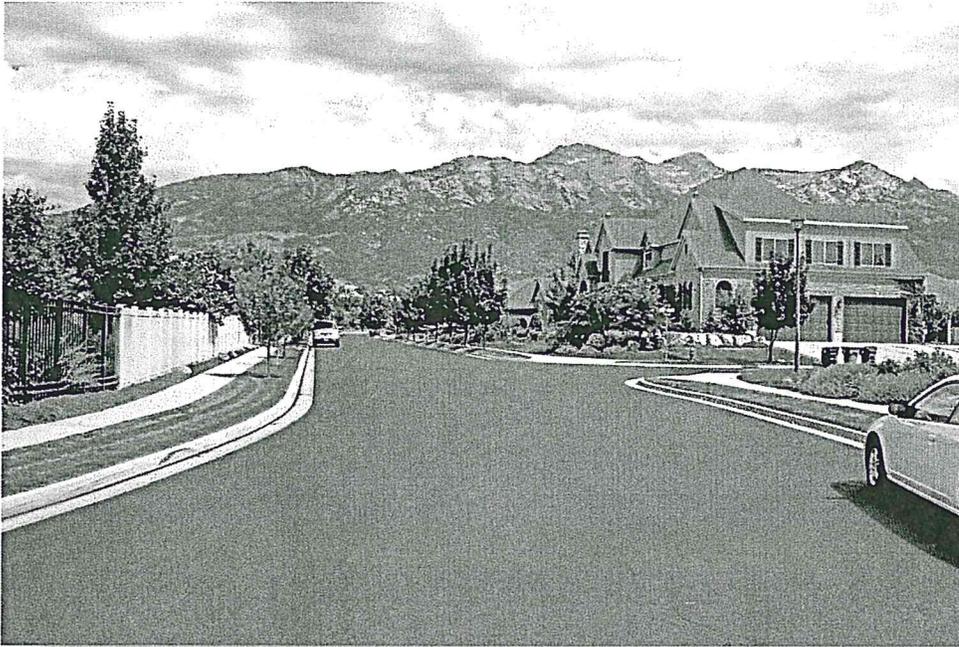
(West Springs Drive)

KEYS TO PAVEMENT PRESERVATION: The Right Treatment, on the Right Road, at the Right Time.

Delaying Costs \$\$\$

Research indicates that significant oxidative damage takes place early in the life of pavement before damage is visible at the surface.





Treatment:

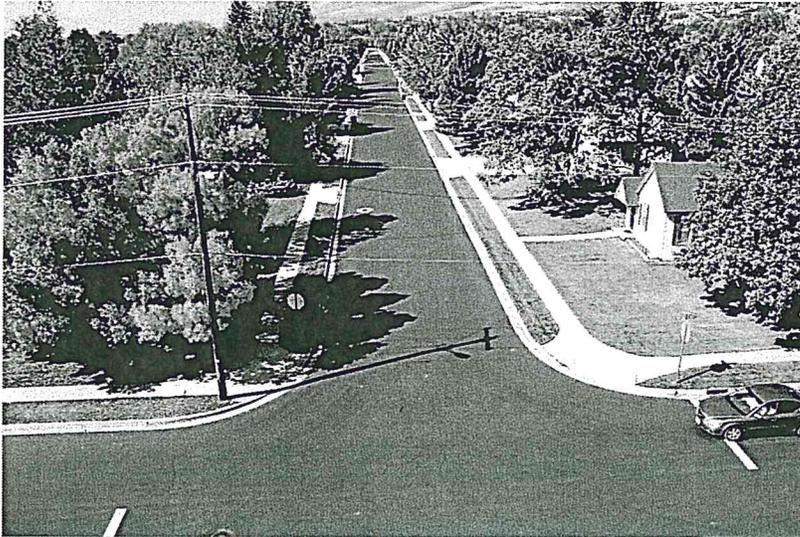
High Density Mineral Bond (HA5)

Installed by:

Holbrook Asphalt

Location:

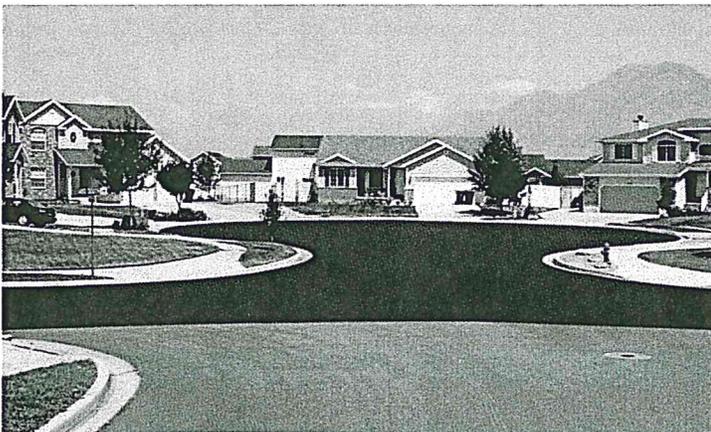
Alpine, UT



KEYS TO PAVEMENT PRESERVATION: The Right Treatment, on the Right Road, at the Right Time.



Treatment:
High Density Mineral Bond (HA5)
Installed by:
Holbrook Asphalt
Location:
Spanish Fork City, Utah



KEYS TO PAVEMENT PRESERVATION: The Right Treatment, on the Right Road, at the Right Time.



Treatment: HA5 (High Density Mineral Bond)

Installed by: Holbrook Asphalt

Treatment Installation Date: 05-2002

Photo Taken: 04-2012

Age of Pavement at Time of Treatment:
Approx 7 years

Previous Treatments: 0

Location: Uxbridge Dr., St George, UT

Length of Time Since
Treatment Installation:

10 Years



KEYS TO PAVEMENT PRESERVATION: The Right Treatment, on the Right Road, at the Right Time.

Residential Roads

HA5 specifically benefits local roads where chip seals and slurry seals lack performance and acceptance.

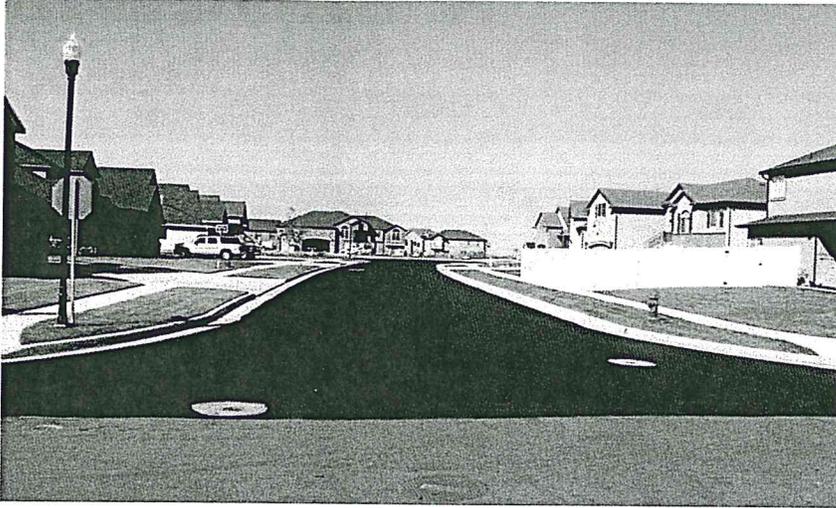
Guaranteed Results...

HA5 installations are backed by a five-year performance guarantee.



Arizona: 602.307.0425 Utah 435.652.4427 Nevada 702.823.3902

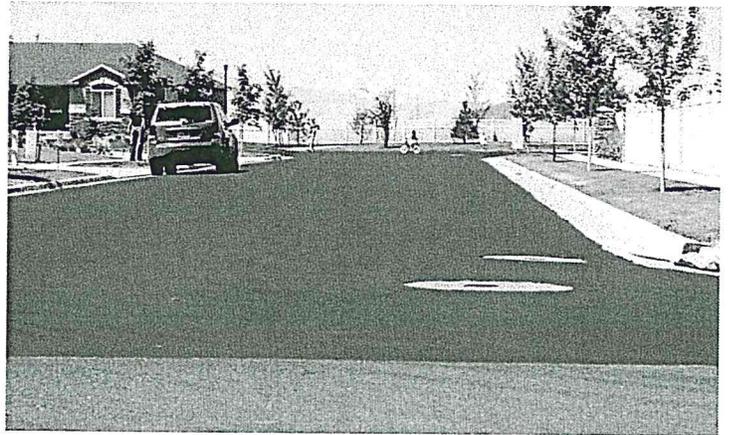
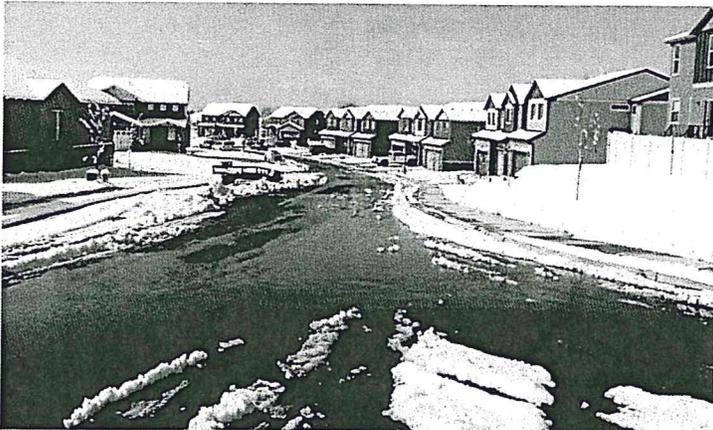
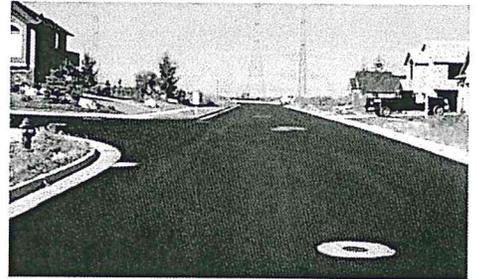
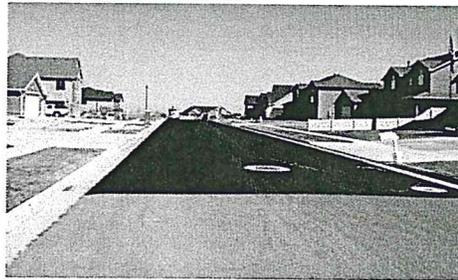
www.holbrookasphalt.com



Treatment: High Density Mineral Bond (HA5)

Installed by: Holbrook Asphalt

Location: Farmington, Utah

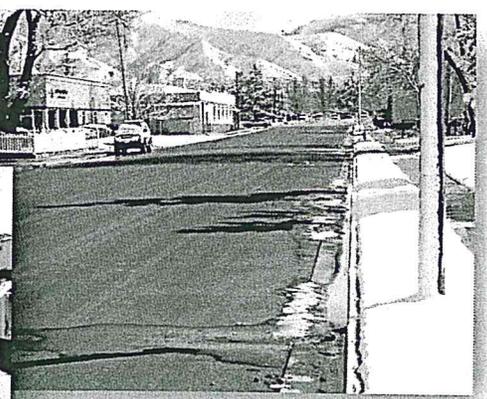
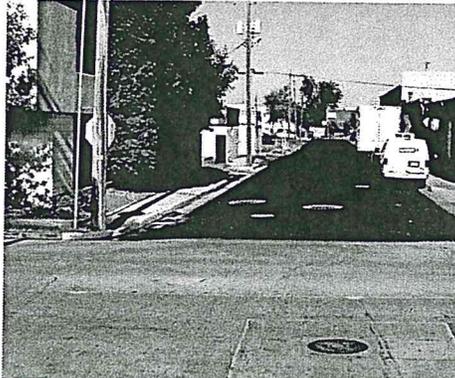


KEYS TO PAVEMENT PRESERVATION: The Right Treatment, on the Right Road, at the Right Time.

Utah 435.652.4427 Nevada 702.823.3902 Arizona/Idaho: 866.500.7326
Fax 435.656.3943 info@holbrookasphalt.com 3828 S. 1700 E., St. George, UT 84790

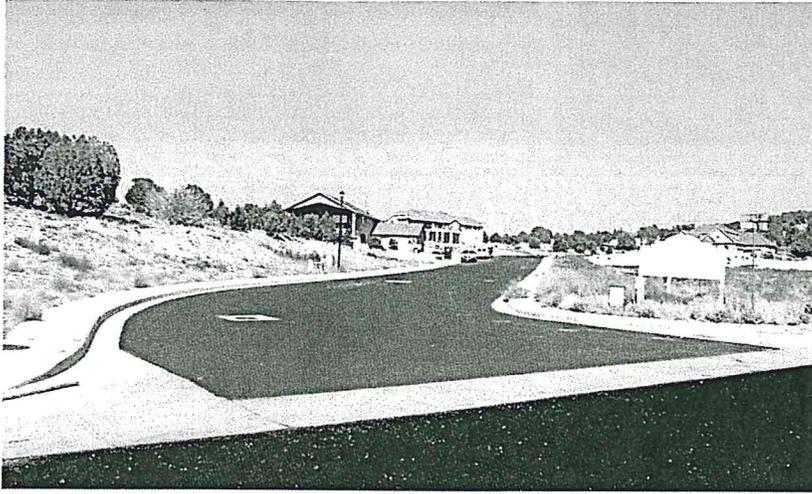


Treatment: High Density Mineral Bond (HA5)
Installed by: Holbrook Asphalt
Location: So. Salt Lake City, Utah



KEYS TO PAVEMENT PRESERVATION: The Right Treatment, on the Right Road, at the Right Time.

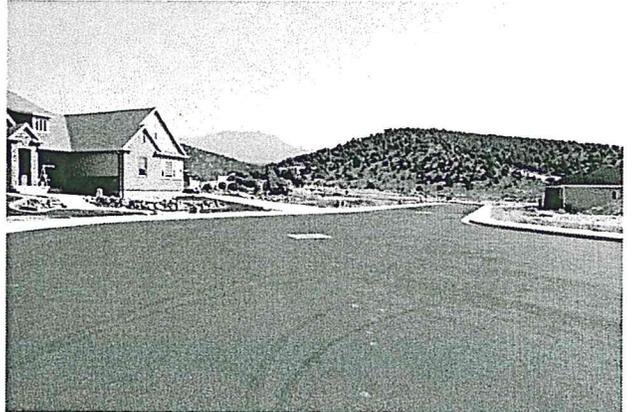
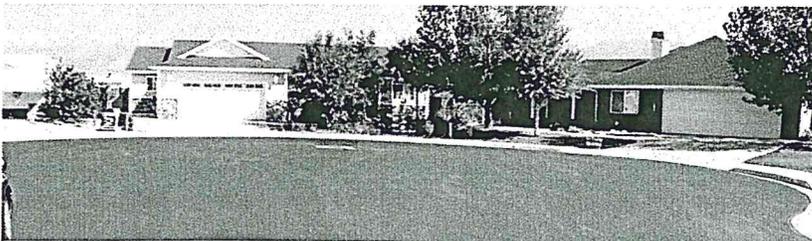
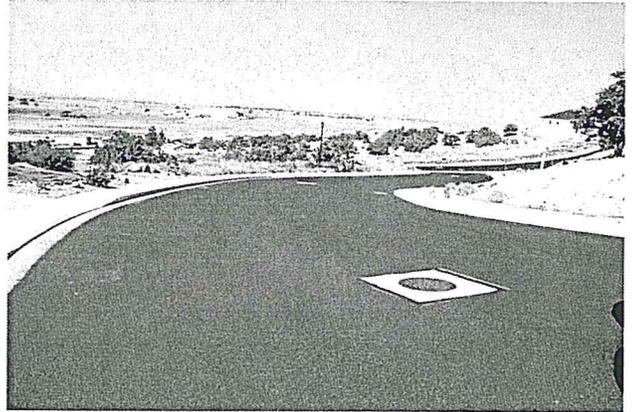
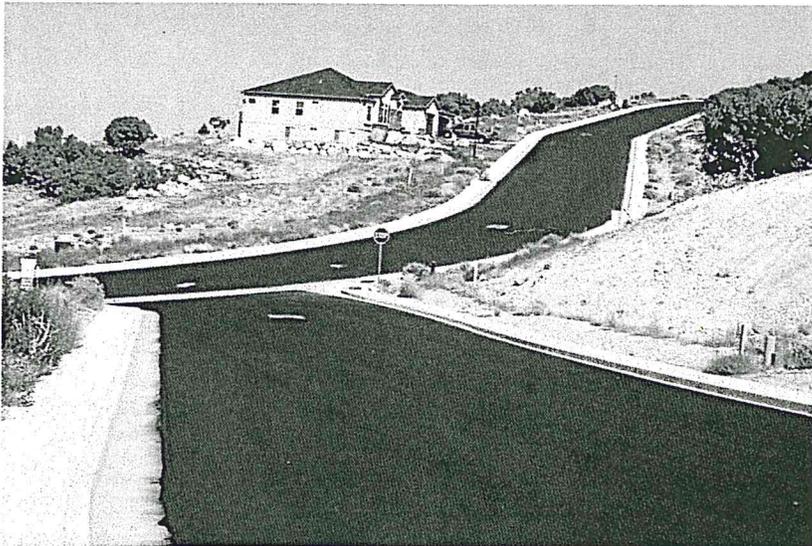
Utah 435.652.4427 Nevada 702.823.3902 Arizona/Idaho: 866.500.7326
Fax 435.656.3943 info@holbrookasphalt.com 3828 S. 1700 E., St. George, UT 84790



Treatment: High Density Mineral Bond (HA5)

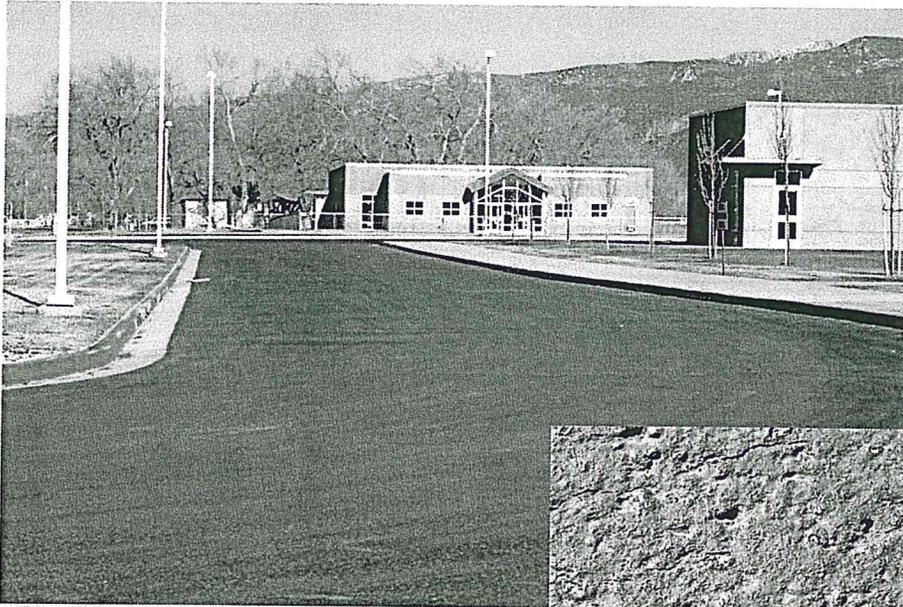
Installed by: Holbrook Asphalt

Location: Cedar City, Utah



KEYS TO PAVEMENT PRESERVATION: The Right Treatment, on the Right Road, at the Right Time.

Utah 435.652.4427 Nevada 702.823.3902 Arizona/Idaho: 866.500.7326
Fax 435.656.3943 info@holbrookasphalt.com 3828 S. 1700 E., St. George, UT 84790



Treatment: HA5 (High Density Mineral Bond)

Installed by: Holbrook Asphalt

Treatment Installation Date: 06-2007

Photos Taken: 04-2009 & 03-2011

Age of Pavement at Time of Treatment:
Approx 2 years

Previous Treatments: 0

Location: 3 Peaks Elementary, Iron Co. Sch. Dist.

Address: 1685 W Midvalley Rd, Cedar City

Length of Time Since
Treatment Installation:

4 Years



Picture taken March 2011

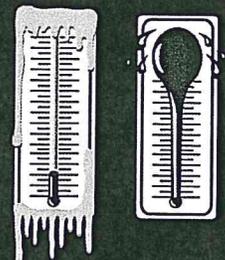
KEYS TO PAVEMENT PRESERVATION: The Right Treatment, on the Right Road, at the Right Time.

Residential Roads

HA5 specifically benefits local roads where chip seals and slurry seals lack performance and acceptance.

Durable in Cold or Hot climates

With installations in the harsh winter climate of the highest resort town in America, to the scorching heat of Las Vegas, HA5 effectively extends the life of asphalt pavement.



January 5, 2010



Civil Engineering
Structural Engineering
Water-Wastewater Design
Transportation Design
Land Surveying
Urban Design
Planning

To Whom It May Concern:

As a civil engineer with over 25 years of experience specializing in pavement management, rehabilitation and design, I offer the following professional opinion after reviewing installations of the HA5 surface treatment.

HA5 is deemed a High Density Mineral Bond due to its unique characteristics. Based on life cycle analysis HA5 is a better option for residential (lower load/volume) roadways compared to slurry seals.

I manage pavement systems using a wide variety of restoration, rehabilitation and preservation strategies and materials. When a strategy and/or material truly differentiates itself in real practice and value, it is always exciting to incorporate it into a pavement management program. Such is the case with HA5.

HA5 manifests exceptionally high durability along with high public acceptance. I field inspected installations of HA5 up to 7 years after initial installation and concluded that HA5 was still providing effective preservation of the original asphalt binder.

Based on both field and cost life-cycle analysis, I both endorse and intend to incorporate HA5 into my pavement management programs and recommendations.

Sincerely,

Rod Mills, PE, LEED-AP

About Rod Mills:

Rod has served as the City Engineer for multiple municipalities. He formerly oversaw all paving projects for Utah's Division of Facilities Construction and Management is one of the foremost authorities in the areas of pavement management in the western U.S.

He has served as a pavement management consultant throughout the United States. He has also directed concrete paving and mix design seminars for ACI certification programs and the private industry. Rod has more than 25 years of broad engineering experience with an intense focus on managing pavement assets.

You can reach Rod by calling (801) 918-7203



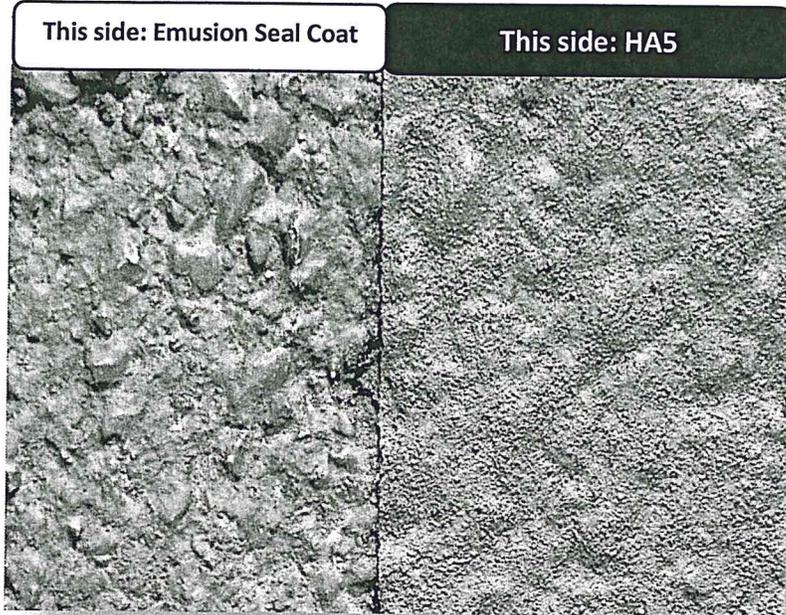
Case Study Update 2013

High Density Mineral Bond

This is an update of an ongoing case study on a local road comparing the side-by-side performance of a High Density Mineral Bond (HA5) to an emulsion seal coat used in asphalt preservation.

More durable preservation treatments promise:

- Lower Life Cycle Costs
- Extended Pavement Life
- Less Road Closures



Picture taken days after installations: MAY 2009

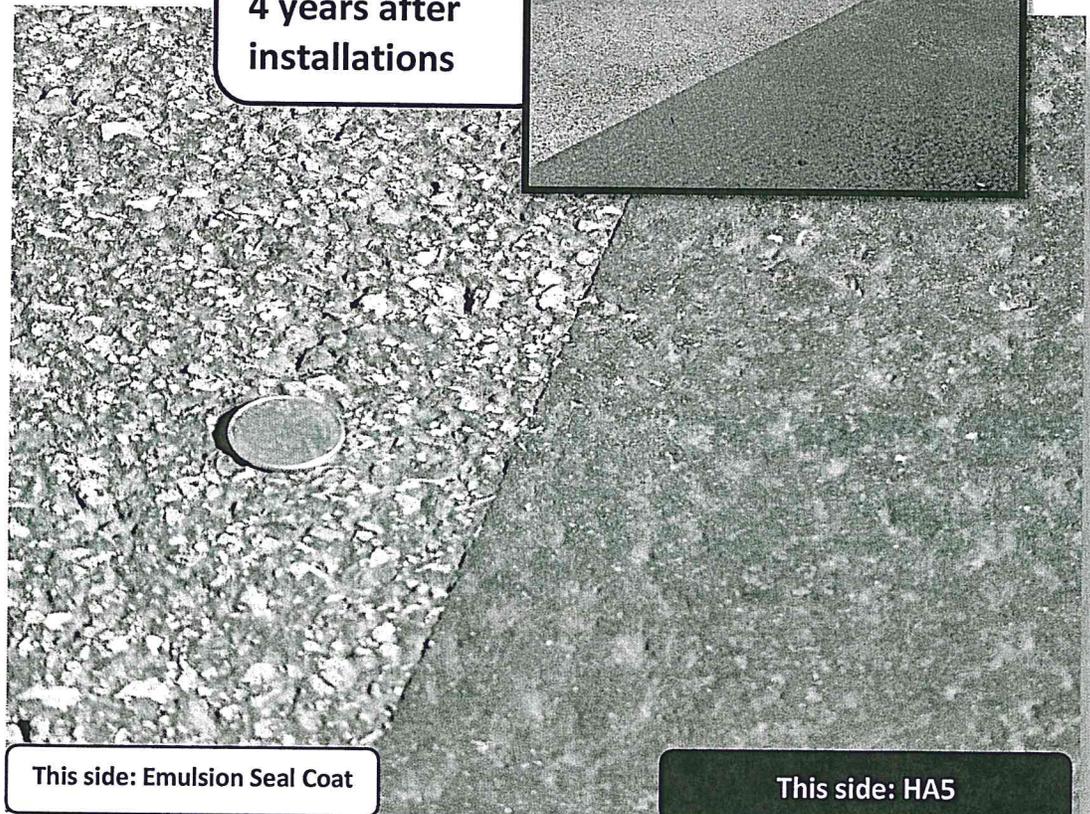
Location: Painted Desert Community

Case Study Status:

Assessing the performance of surface treatments is best determined starting at four to five years after the installation.

In this case, observations reveal significant deterioration of seal coat compared to HA5.

Updated picture taken: Spring 2013
4 years after installations



Utah: 435.652.4427
Nevada: 702.823.3902
Arizona: 602.377.0535



holbrookasphalt.com



BULLOCH COUNTY BOARD OF COMMISSIONERS AGENDA ITEM SUMMARY

DEPARTMENT MAKING REQUEST:

MEETING DATE: 11.19.2013

SPLOST Capital Projects – Buildings and Facilities

RESOLUTION ATTACHED?

YES	
NO	X

REQUESTED MOTION OR ITEM TITLE:

To authorize a contract based on a sole source proposal for Voice Over Internet Protocol (VOIP) telecommunications and computer / software for the Courthouse, Judicial Annex and Adult Probation Department.

SUMMARY/BACKGROUND ATTACH DETAILED SUMMARY:

A new phone system (VOIP) was recently installed at the North Main Annex at a significant operational savings to the County. The monthly charge per phone since installation has decreased from about \$30 to \$11. The second phase of a VOIP project would include the Courthouse, Judicial Annex and Adult Probation and would connect with an existing VOIP system at the Magistrate Court. The County Manager is recommending that a VOIP solution be installed as recommended and negotiated with Georgia Technologies of Statesboro. Georgia Technologies installed the VOIP system at the Magistrate Court in 2012 and the North Main Annex in 2013. Hardware / software purchases would be recommended to be taken from SPLOST 07 Building and Facilities pool in an amount approximately \$54K.

AGENDA CATEGORY		FINANCIAL IMPACT STATEMENT					
(CHECK ONE)		BUDGETED ITEM?	YES	X	AMENDMENT OR TRANSFER REQUIRED?	YES	X
			NO			NO	
PRESENTATION		ATTACH DETAILED ANALYSIS, IF NEEDED: \$92,000 has been appropriated from SPLOST 2007 funds for VOIP projects for the Courts (\$32,000), Recreation (\$30,000) and Public Works (\$30,000). The Courts project estimate came in higher due to some necessary fiber connections that will be needed and a re-inventorying of phone sets. The staff will meanwhile reconcile estimates for Recreation and Public Works for the duration of the year to determine highest priority and re-allocation of funds from the technology pool.					
PUBLIC HEARING							
CONSENT	X						
NEW BUSINESS							
UNFINISHED BUSINESS							
OTHER							

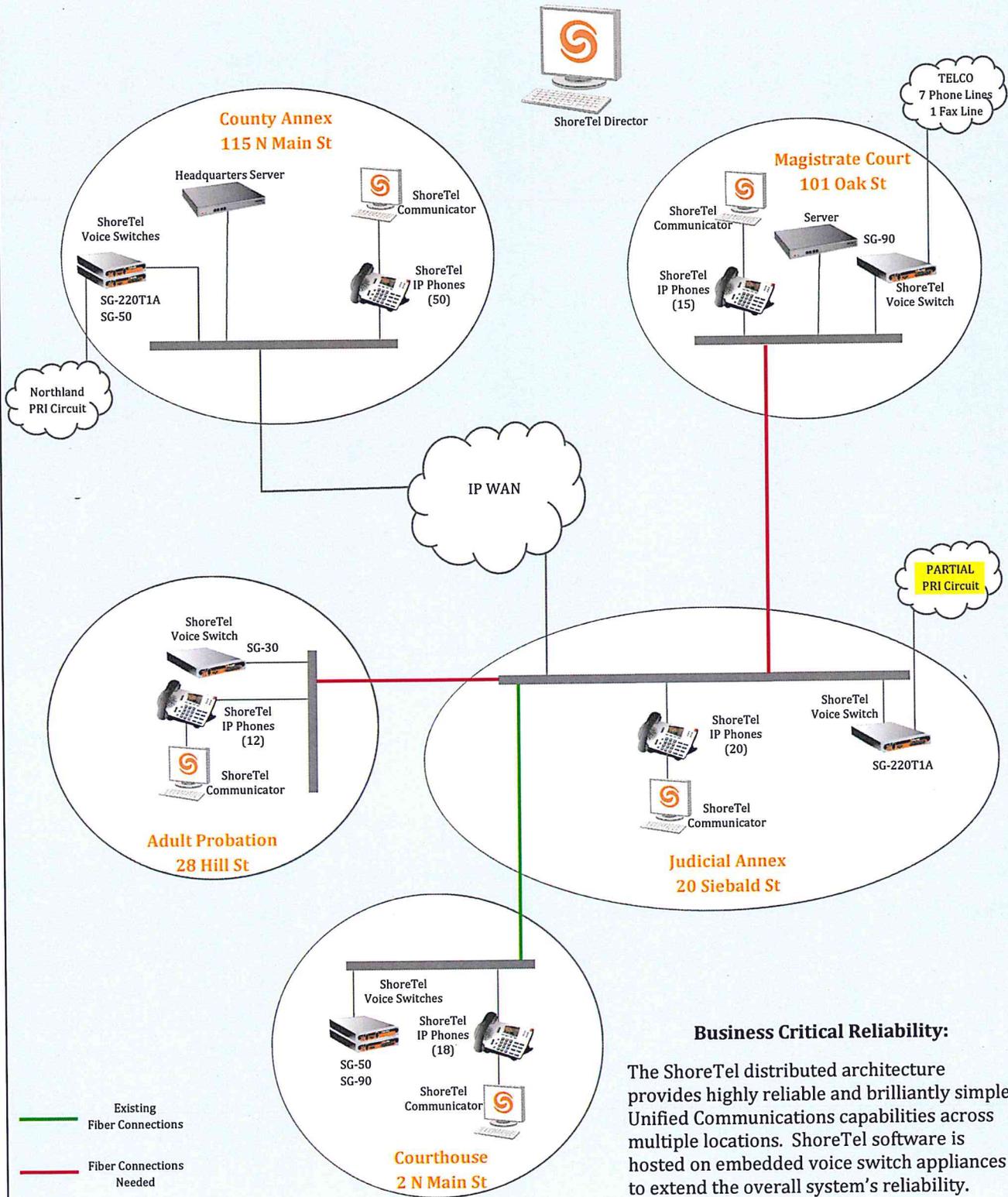
AGENDA ITEM REVIEW AND APPROVAL

DEPARTMENT DIRECTOR		PURCHASING OFFICER		OTHER		COUNTY CLERK		COUNTY STAFF ATTORNEY		COUNTY MANAGER	
YES		YES		YES		YES		YES		YES	<input checked="" type="checkbox"/>
NO		NO		NO		NO		NO		NO	
INITIAL		INITIAL		INITIAL		INITIAL		INITIAL		INITIAL	<i>[Signature]</i>
DATE		DATE		DATE		DATE		DATE		DATE	11/14/13

COMMISSION ACTION AND REFERRAL

APPROVED		DATE TO BE RETURNED TO AGENDA:
DENIED		NOTES:
DEFERRED		

ShoreTel Single-image Architecture with PRI Service Proposed Designed for Bulloch County Government



OPTION A

As presented on Proposal No. 3762

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216 S Zetterower Ave, Statesboro, Georgia 30458, USA
 local (912) 489-7427 toll free (866) 489-7427

www.georgiatechnologies.com

PROPOSAL

Prepared Especially For

**Bulloch County Board of
 Commissioners
 PO Box 347
 Statesboro GA 30459**

Proposal Date

11/12/2013

Proposal No.

3762

Prepared By

SDK

QTY	DESCRIPTION	COST	TOTAL
	ShoreTel Communications System (Phase II - Option A) COURTHOUSE, ADULT PROBATION, JUDICIAL ANNEX, & COURTHOUSE		
1	ShoreTel Distributed Voice Service Licensing, Phones & Switches: ShoreTel Upgrade from SBE to Enterprise Edition 50 User Package w/ Extension & Mailbox Licenses 50 Personal Communicator Licenses 50 ShoreTel IP230g Phones ShoreTel Voice Switch 220T1A ShoreTel Voice Switch 90 ShoreTel Voice Switch 50 ShoreTel Voice Switch 30	48,790.94	48,790.94
1	Networking Equipment: HP V1910-24G PoE Switch (x 2) APC SMC1000 SmartUPS Battery Backup (x 3) 16-U Open-Frame Rack w/ Casters Rack Shelf (x 4) 12-U Wall Mount Rack Fiber Transceivers (x 8) Fiber Patch Cables (x 4)	4,680.37	4,680.37
	THIS PROPOSAL INCLUDES COMPLETE SYSTEM INSTALLATION, CONFIGURATION, AND TRAINING.		
	Notes: - Analog faxes connected to the PRI Service		

Subtotal	\$53,471.31	Sales Tax (7.0%)	\$0.00	Total	\$53,471.31
-----------------	-------------	-------------------------	--------	--------------	--------------------

The costs listed on this proposal may change after 30 days. If the cost of labor is included on proposal, it is an estimate of time only and is subject to change. Please contact your Georgia Technologies service provider for complete details. Visit us at www.georgiatechnologies.com!



BULLOCH COUNTY BOARD OF COMMISSIONERS AGENDA ITEM SUMMARY

DEPARTMENT MAKING REQUEST:	MEETING DATE: 11.19.2013		
SPLOST Capital Projects – Public Safety	RESOLUTION ATTACHED?	YES	<input type="checkbox"/>
		NO	<input checked="" type="checkbox"/>

REQUESTED MOTION OR ITEM TITLE:

To authorize a the contract based on a sole source proposal for design services and project management for the re-roofing of the Correctional Institute and for correction of fire safety issues at the Jail.

SUMMARY/BACKGROUND ATTACH DETAILED SUMMARY:
 The County Manager is recommending this sole source procurement with the Ingram-Parris Group of Valdosta, Georgia for these services. IPG is the original architectural firm for the Jail and Jail Expansion and has vast experience in working with correctional facilities. IPG also has had a track record in keeping projects on time and under budget. IPG's proposal is attached. Approval is recommended.

AGENDA CATEGORY	FINANCIAL IMPACT STATEMENT					
(CHECK ONE)	BUDGETED ITEM?	YES	X	AMENDMENT OR TRANSFER REQUIRED?	YES	
		NO			NO	X
PRESENTATION				ATTACH DETAILED ANALYSIS, IF NEEDED: This proposal is included as a part of the larger budgets of \$315,000 for the CI and \$175,000 for the jail to be appropriated from 2007 SPLOST funds as recommended in the County's 2015 Capital Improvements Budget for Buildings and Facilities.		
PUBLIC HEARING						
CONSENT			X			
NEW BUSINESS						
UNFINISHED BUSINESS						
OTHER						

AGENDA ITEM REVIEW AND APPROVAL											
DEPARTMENT DIRECTOR		PURCHASING OFFICER		OTHER		COUNTY CLERK		COUNTY STAFF ATTORNEY		COUNTY MANAGER	
YES		YES		YES		YES		YES		YES	<input checked="" type="checkbox"/>
NO		NO		NO		NO		NO		NO	
INITIAL		INITIAL		INITIAL		INITIAL		INITIAL		INITIAL	<i>[Signature]</i>
DATE		DATE		DATE		DATE		DATE		DATE	11.14.13

COMMISSION ACTION AND REFERRAL	
APPROVED	DATE TO BE RETURNED TO AGENDA:
DENIED	NOTES:
DEFERRED	



November 13, 2013

Thomas Couch
Bulloch County Board of Commissioners
115 North Main Street (P.O. Box 347)
Statesboro, Georgia 30459

Re: Reroofing of Correctional Institute and Fire Marshal issues at Jail

Gentlemen:

We propose to furnish professional services to design and manage construction of reroofing the Bulloch County Correctional Institute with a metal roof and correction of Fire Marshal issues at the Bulloch County Jail. The work will be handled as two construction projects handed separately. Our work will include:

Reroofing of Correctional Institute

1. Predesign
 - a. Measure and prepare base drawings of the existing building.
 - b. Observe existing structural conditions for support of new work.
2. Design
 - a. Prepare construction documents for new metal roofing based on the attached concept sketch.
3. Bidding
 - a. Advertise for bids and manage bidding process.
 - b. Receive bids and recommend action.
 - c. Prepare Contract forms for construction.
4. Construction
 - a. Hold pre-construction conference to co-ordinate work with on-going operation of Correctional Institute.
 - b. Review shop drawings
 - c. Make monthly inspection trips.
 - d. Approve applications for payment.
 - e. Perform final payment.
 - f. Approve final payment.

Fire Marshal Issues at Jail

1. Predesign
 - a. Meet with Sheriff's Department to confirm scope of work.
 - b. Observe and document existing conditions.
 - c. Attempt to meet with Fire Marshal to confirm his requirements.

IPG, INCORPORATED

ARCHITECTS AND PLANNERS

807 Northwood Park Drive, Valdosta, Georgia 31602-1393 • 229.242.3557 • Fax 229.242.4339
E-mail: mail@ipgarchitects.com <http://www.ipgarchitects.com>

2. Design
 - a. Prepare construction documents for the work.
 - b. Prepare a Project Budget of expected costs.
3. Bidding
 - a. Advertise for bids and manage bidding process.
 - b. Receive bids and recommend action.
 - c. Prepare Contract forms for construction.
4. Construction
 - a. Hold pre-construction conference to co-ordinate work with on-going operation of Jail.
 - b. Review shop drawings
 - c. Make monthly inspection trips.
 - d. Approve applications for payment.
 - e. Perform final payment.
 - f. Approve final payment.

We propose to furnish the above services for a lump sum fee of \$41,000.00 broken down as follows:

Reroofing of Correctional Institute

Predesign	\$5,000.00	
Design	\$13,000.00	
Bidding	\$1,500.00	
Construction	\$6,500.00	
Sub-Total		\$26,000.00

Fire Marshal Issues at Jail

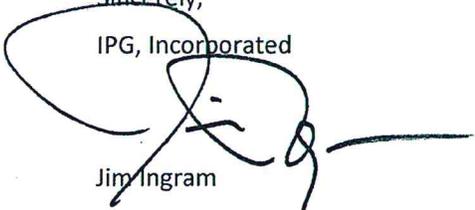
Predesign	\$1,000.00	
Design	\$9,500.00	
Bidding	\$1,000.00	
Construction	\$3,500.00	
Sub-Total		\$15,000
	Total	\$41,000.00

The above fee includes cost of travel and printing. We do not anticipate any reimbursable expenses related to this work.

We hope the above meets with your approval. Call if you have questions or we need to discuss any aspect of this offer.

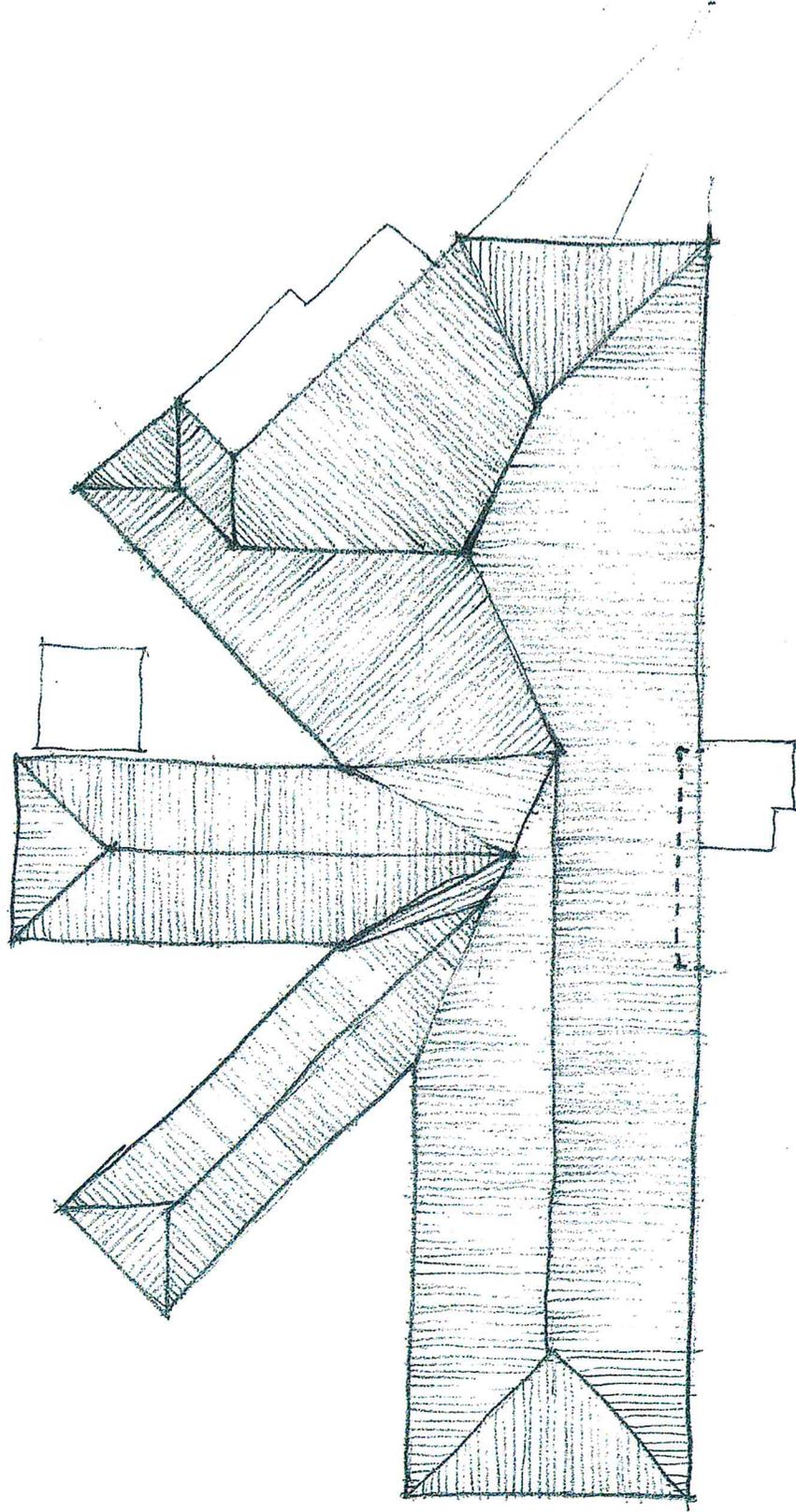
We appreciate the opportunity to work with you again.

Sincerely,
IPG, Incorporated



Jim Ingram
JI/ah

cc: IPG File/0006



METAL ROOF CONFIGURATION

BULLOCH C1
Sept 5 2013

**BULLOCH COUNTY BOARD OF COMMISSIONERS
AGENDA ITEM SUMMARY**

DEPARTMENT MAKING REQUEST (Box 1) Statesboro – Bulloch County Parks and Recreation Department – Parks Division	MEETING DATE (Box 2) November 19, 2013		
	RESOLUTION ATTACHED? (Box 3)	YES	NO
NO <input checked="" type="checkbox"/>			

REQUESTED MOTION OR ITEM TITLE (Box 4)

Approve the purchase of a Wiedenmann XP8 Deep Tine Aerifier submitted by ShowTurf Inc. for \$30,326.20.

SUMMARY/BACKGROUND ATTACH DETAILED SUMMARY, IF NEEDED (Box 5)

See attached Memo.

AGENDA CATEGORY (CHECK ONE) (Box 6)		FINANCIAL IMPACT STATEMENT (Box 7)					
PRESENTATION (6a)		BUDGETED ITEM? (7a)	YES	<input checked="" type="checkbox"/>	AMENDMENT REQUIRED? (7b)	YES	
			NO			NO	
PUBLIC HEARING (6b)		ATTACH DETAILED ANALYSIS, IF NEEDED (7c) SPLOST					
CONSENT (6c)							
NEW BUSINESS (6d)	<input checked="" type="checkbox"/>						
OLD BUSINESS (6e)							
OTHER (6f)							

APPROVED FOR AGENDA (Box 8)

DEPARTMENT DIRECTOR		PURCHASING OFFICER		OTHER		COUNTY CLERK		COUNTY STAFF ATTORNEY		COUNTY MANAGER	
YES	<input checked="" type="checkbox"/>	YES		YES		YES	<input checked="" type="checkbox"/>	YES		YES	
NO		NO		NO		NO		NO		NO	
INITIAL	MR	INITIAL		INITIAL		INITIAL	CAS	INITIAL		INITIAL	
DATE	11/12/13	DATE		DATE		DATE	11.13.13	DATE		DATE	

COMMISSION ACTION AND REFERRAL (Box 9)

APPROVED		DATE TO BE RETURNED TO AGENDA
DENIED		
DEFERRED		
OTHER		
		NOTES



Memorandum

To: Mike Rollins, Director
From: Tony Morgan, Manager – Parks Division
Subject: Deep Tine Aerator Bids
Date: November 7, 2013

The athletic fields at Mill Creek Park have a major drainage issue. After meeting with County Agent, Wes Harris, and USDA Natural Resources Conservation Service Soil Scientists Casey Sowell and Gary Hankins, it was discovered that we have a soil layering issue from when the park was constructed 20 years ago. In order to correct this problem it was recommended by all three of them to begin with a deep tine aerification program which would change to the soil profile to a degree and allow for quicker infiltration. In addition to meeting with them I called Dr. Clint Waltz, University of Georgia Turfgrass Specialist, to get his thoughts on our situation. He agreed that we needed to do more deep tine aerifying to promote infiltration and reiterated that this would not be a onetime fix. It would probably take several trips with the aerifier before noticing a dramatic change in drainage. We have two aerifiers but neither will go deeper than 6". Our topsoil layers are from 6"- 12" deep throughout the park so we must get something to go deeper in order to break through the layer below the top soil.

Attached are bids for 3 different deep tine aerifiers that have the capability of using tines up to 16" long. Bids were sent out to 3 vendors, placed on www.bullochcounty.net, and advertised in the Statesboro Herald. The bid opening was held on November 5, 2013 at North Main Annex at 3:00pm in the library. Staff present to witness the opening were Wyley Brannen, Harry Starling, and Ruby Hunter. Three bids were received as follows: Jerry Pate Turf and Irrigation for \$24,595.65, Redexim Turf Products for \$23,998.00, and ShowTurf Inc. for \$30,326.20.

The submittal from Jerry Pate Turf and Irrigation, Inc. did not meet the specifications on the width of the machine and the weight of the machine is 3250 pounds. The weight of the Redexim is 3025 pounds. The weights of both of these pieces of equipment have me very concerned since the rated lifting capacity for both of tractors we could use this with is 3300 pounds. I am afraid the tractors will not be able to handle the weight of these machines. ShowTurf Inc. submitted the bid of a Wiedenmann. The weight of the Wiedenmann is 2690 pounds. In addition to this the Wiedenmann is also equipped with a VibraStop / PowerPack system which dampens damaging jolts and vibrations that occur if a tine strikes an obstruction in the soil and during operation in compacted soils. The result is a smooth operating machine with minimum strain to the driver, tractor, and deep tine aerifier. Wiedenmann also has a distribution center in Savannah where all parts can be purchased. This is very helpful in the event we will need parts we will not have to wait long periods of time for parts to be shipped resulting in lots of down time. It is my recommendation that we purchase the Wiedenmann Deep tine aerifier at a cost of \$30,326.20.

I have looked into hiring this out and have spoken to 3 different people that do this and all 3 charge about the same per square foot, \$.02-.025/sqft. This equivilates to \$871.20 - \$1,089.00/acre @ 35 acres at Mill Creek = \$30,492.00 - \$38,115.00. This would only be going over the park 1 time. Keep in mind the 35 acres is just at Mill Creek. We also have an additional 35 acres of athletic turf throughout the city and county that could use it as well. This drainage issue has become a major problem for us, not only for safety reasons but programming and revenue generating reasons as well. It doesn't take much rain now and we have to shut the fields down because of water standing on them which means practices and games have to be made up at later dates. When we have to cancel games or tournaments due to the fields being too wet then we are turning away money that would be generated from concessions and tournament fees.

If you have any questions, please let me know.


Tony Morgan

Statesboro-Bulloch County Parks and Recreation Department

TO: Tom Couch, County Manager	
FROM: Mike Rollins, Director Parks and Recreation	
DATE: November 8, 2013	
CHECKLIST FOR " Deep Tine Aerifier " BID	
ITEM	REMARK
Bid opening date and time	November 5, 2013 at 3:00pm
Location of bid opening	North Main Annex in the Library
Staff present for bid opening	Harry Starling, Wyley Brannen, Ruby Hunter
Total number of bids sent out by request from advertisement or public notice	0
Total number of bids sent out by invitation from vendor lists	3
Date bid was advertised in the Statesboro Herald	October 19, 2013
Bid tabulation table attached	Included
Statement indicating the following: were all bids submitted by responsible vendors; did content meet standards for completeness and specifications; associated statements pointing out any discrepancies, substitutions or alternatives	Included
Recommendation as to which bid is most advantageous to the county	Included
Copy of bid package submitted to the vendor attached, including addenda attached	Included
Copy of bid form and any pertinent supplemental information received from each vendor attached	Included
Properly completed "Agenda Item Summary" attached	Included

Date: October 8, 2013
To: Mike Rollins
From: Tony Morgan
Subject: SBCPRD Deep Tine Aerifier Bid

Sealed bids were opened at Bulloch County Annex on November 5, 2013 @ 3:00 P.M. for a deep tine aerifier to be used by Statesboro-Bulloch County Parks and Recreation Department.

Three (3) invitations to Bid were emailed on October 17, 2013 and three bids were received.

The bid solicitation was advertised on bullochcounty.net on October 17, 2013.

The bid solicitation was also advertised in the Statesboro Herald on October 19, 2013.

Bids received are as follows:

Vendor	Make	Model	Total
ShowTurf Inc.	Wiedenmann	XP 8	\$30,326.20
Jerry Pate Turf and Irrigation	Toro	ProCore SR72	\$24,595.65
Redexim Turf Products	Redexim	Verti-Drain 7521	\$23,998.00

Staff present for the bid opening were: Harry Starling, Ruby Hunter, and Wyley Brannen.

**BULLOCH COUNTY BOARD OF COMMISSIONERS
PURCHASING DEPARTMENT
STATESBORO, GEORGIA 30458
PHONE: 912-764-0436**

**INVITATION FOR BID
STATESBORO-BULLOCH COUNTY PARKS AND RECREATION DEPARTMENT**

REFERENCE: DEEP TINE AERIFIER

Sealed bids from qualified suppliers will be received by the Bulloch County Board of Commissioners, 115 North Main Street, Purchasing Office (Room 108), Statesboro, Ga., 30458 (mailing address PO Box 347, Statesboro, Ga. 30459) until 3:00 P.M. legally prevailing time on November 5, 2013 for: One (1) Deep Tine Aerifier to be used by the Statesboro-Bulloch County Recreation Department.

After the time and in a room at place noted above, the bids will be publicly opened and read. No extension of the bidding period will be made.

Bid Identification: The outside of the sealed envelope shall include the wording: Rec. Dept. Aerifier Bid, Bid Opening November 5, 2013 @ 3:00 P. M. Attention Kenneth Trapnell, Purchasing Manager.

Award, shall be on a lump sum basis. No bid may be withdrawn for a period of 60 days after time has been called on the date of opening.

The Commissioners reserve the right to reject any or all bids and to waive technicalities and informalities.

Local Buying Preference: A local vendor is considered any offeror who has a principal business location within the boundaries of Bulloch County. A principal business location shall be strictly interpreted to mean a permanent establishment or facility with a physical location in Bulloch County having a registered business name, street address and telephone number where it can be easily demonstrated that the goods or services to be procured by the County are either made, stored, processed, sold or rendered at such establishment or facility; and, that substantial administrative or management activities related to the establishment or facility are performed by one or more employees, principals, representatives or agents for the purpose of transacting business. It shall be the responsibility of the vendor to provide clear and compelling evidence of meeting this standard to the satisfaction of the Purchasing Department prior to the award of a bid or quotation. For all purchases over \$5,000.00, if the quality, service, price, and other factors are substantially equal, then the local vendor may be given an opportunity to match the lowest cost proposal, if the quotation or bid is within 5% of the lowest price proposal. This policy shall be so stated in all applicable solicitations. This provision does not apply to public works

construction projects or road projects pursuant to the laws of the State of Georgia.

Award And Reservations: It is understood and agreed that in consideration of the sum of One Dollar and No/100 (\$1.00) cash in hand paid, receipt whereof is hereby acknowledged, the bidder agrees that this bid shall be an option, which is hereby given to the Purchaser to accept or reject this bid at any time within sixty (60) calendar days from the date on which it is opened and read. It is expressly covenanted and agreed that this proposal is not subject to withdrawal by the bidder during the term of said option. The party submitting the bid is solely responsible for delivering the bid to the exact location and by the time stated. The Purchaser reserves the right to reject any or all bids and to waive technicalities and informalities in bids, to accept in whole or in part, such bid or bids may be deemed in the best interest of the purchaser.

Award will be made to that responsive and responsible bidder with the best offer for Bulloch County, price and other factors considered.

TERMS AND CONDITIONS

1. **CHANGES:** No change shall be made to this invitation except by written modification by the purchasing department.
2. **FOB DESTINATION POINT:** Bid prices shall include shipping to Statesboro-Bulloch County Parks and Recreation Department. Title to remain with vendor until fully accepted by County. Goods damaged or not meeting specifications will be rejected.
3. **WITHDRAWAL OF BIDS:** Bids may be withdrawn by written request only, if the request is received prior to the time and date set for the opening of bids. Negligence on the part of the bidder in preparing his bid confers no right of withdrawal or modification of his bid after bid has been opened. No bid may be withdrawn for a period of (60) sixty days after time has been called on the date of opening.
4. **AWARD:** Award will be made to that responsible bidder whose bid, conforming to the invitation for bid, will be most advantageous to the County, price and other factors considered. The County reserves the right to reject any and/or all bids submitted and to waive any technicalities or minor irregularities in bids received. A written award, mailed (or otherwise furnished) shall be deemed to result in a binding contract without further action by either party.
5. **EXCEPTIONS TO SPECIFICATIONS:** Any contract resulting from this invitation shall bind the bidder to all terms, conditions and specifications set forth in this invitation. Bidders whose bids do not conform should so note on a separate page if necessary and/or on bid schedule. While the County reserves the right to make an award to a nonconforming bidder when in the best interest of the County, such awards will not be readily made, and bidders are urged to conform to the greatest extent possible. No exceptions will be considered to have been taken by a bidder unless it is properly set out as provided above, and no exception will be deemed to have been taken by the County unless incorporated in a contract resulting from this invitation and so stated.

6. **PAYMENT:** Payments will be made upon delivery of all goods and acceptance by County on invoices submitted and approved by the proper County representative within (30) thirty days of receipt of invoice.

6.1 Itemize all invoices in full. Be sure our order number is on your invoice.

6.2 Vendor must furnish delivery receipt with invoice identifying that this order has been delivered in accordance with specifications, quantities, and price as set forth on the purchase order.

6.3 Items on this order are exempt from Federal Excise Tax and Georgia Sales and Use Tax. Certification will be furnished if requested.

7. **INQUIRIES REGARDING PAYMENT:** All inquiries regarding payment of invoices are to be directed to Accounts Payable, (912) 764-6245.

8. **REGULATORY AGENCIES:** Successful bidder will be responsible for all required permits or licenses required by any regulatory agency of the City, County, State or Federal Governments.

9. **ANTI-DISCRIMINATION CLAUSE:** Bulloch County does not discriminate against any person because of race, color, religion, national origin, or handicap in employment or services provided.

10. **COMMODITY STATUS:** It is understood and agreed that materials delivered shall \ be new, of latest design, and in first quality condition, that all bags, containers, etc., shall be new and suitable for storage, unless otherwise stated by Bulloch County.

11. **DELIVERY:** Delivery shall be made to Bulloch County Parks and Recreation Department, 1 Max Lockwood Dr., Statesboro, Georgia 30458.

12. **COMPLIANCE:** The county's failure to insist on compliance with any of the terms or conditions of this Invitation to Bid shall not be deemed a waiver of the county's right to insist at any time on full compliance with any of the terms and conditions here in.

13. **PRODUCT COMPLIANCE:** Bidders must submit with their bid, the latest printed specifications and/or advertising literature to prove compliance with our specifications on the units they propose to furnish.

14. **QUESTIONS:** All questions concerning this invitation should be directed to the buyer whose name appears on the bottom of the next page unless otherwise directed.

15. **QUALITY:** Any brand names or trade names used in the specifications are for the purpose of describing and establishing general quality levels. Approved equal quality levels

shall be considered for award.

The specifications, bid form and acceptance of proposal form are on the following pages.

Note: It is the vendors responsibility to check bullochcounty.net for any addendums that might be issued.

Note: The bid can be viewed on bullochcounty.net. Click on government, click on f-p, click on procurement, view bid.

For technical questions contact:
Wyley Brannen-Project Manager
Phone: 912-687-2617

For procurement questions contact:
Kenneth Trapnell – Purchasing Manager
Phone: 912-764-0436

SPECIFICATIONS

DEEP TINE AERIFIER

- 1- Name: Wiedenmann Terra Spike XP8 or equal.
- 2- Working width: 83" Minimum.
- 3- Weight: 2690 lbs. (approx.)
- 4- Working Depth: 16" for solid tines.
- 5- Working Depth: 10" for hollow tines.
- 6- Note: Both solid tines & hollow tines shall be included.
- 7- Mounting: Rear 3-point hitch, category 1.
- 8- Drive: PTO and 3 speed gear box.
- 9- Tine Sizes: 3/16"- 1"
- 10- Rollers: Front & Rear.
- 11- Bid price shall include one extra set of 1/2 " x 12 1/2" solid tines.

BID FORM

Quantity: One (1).

State Make & Model Aerifier Being Bid: WIEDENMANN

Note: Does your bid include one set of solid tines? Yes ✓ No 3 sets

Total Bid Price: \$ 30,326.20

Estimated Delivery Date: 12 - 15 - 13

Warranty: 1 year parts & labor

Note: Does your bid comply with specifications & bid form? Yes X No

Company Name: SHOWTURF

Company Address: 1365 NEPTUNE DR. BOYNTON BEACH FLA.

Company Representative: GREG BOWERSOX

Title: Territory Sales Manager

Signature of Representative: 

Telephone Number: 843-315-4420

Fax Number: 877-811-9949

E-mail Address: greg@showturf.com

Quote Id: 8843667

Prepared for:
Statesboro Bullock Co Parks An



Prepared by: **Greg Bowersox**
Showturf, Llc
1365 Neptune Drive
Boynton Beach, FL 33426
Tel: 561-732-8905
Fax: 561-732-8949

Date: 01 November 2013

Offer Expires: 29 November 2013

Confidential



Quote Id: 8843667

Customer: STATESBORO BULLOCK CO PARKS AN

Quote Summary

Prepared For: STATESBORO BULLOCK CO PARKS AN PO BOX 408 STATESBORO, GA 30459 Business: 912-764-5637	Prepared By: Greg Bowersox SHOWTURF, LLC 1365 Neptune Drive Boynton Beach, FL 33426 Phone: 561-732-8905	Quote Id: 8843667 Created On: November 01, 2013 Last Modified On: November 01, 2013 Expiration Date: November 29, 2013
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Equipment Summary	Selling Price	Qty	Extended
WIEDENMANN XP 8 Deep Tine Aerifier	\$ 29,355.00 X	1 =	\$ 29,355.00
WIEDENMANN 1/2" x 12.5" Solid Tine - Set of 64	\$ 454.40 X	1 =	\$ 454.40
WIEDENMANN 5/8" x 7" Coring Tines - Set of 32	\$ 516.80 X	1 =	\$ 516.80
Equipment Total			\$ 30,326.20

Quote Summary

Equipment Total	\$ 30,326.20
SubTotal	\$ 30,326.20
Total	\$ 30,326.20
Down Payment	(0.00)
Rental Applied	(0.00)
Balance Due	\$ 30,326.20

Salesperson : X _____

Accepted By : X _____



Quote Id: 8843667

Customer: STATESBORO BULLOCK CO PARKS AN

WIEDENMANN XP 8 Deep Tine Aerifier

Hours: 0

Stock Number:

Code	Description	Qty
416 00 46	XP 8 Deep Tine Aerifier	1

WIEDENMANN 1/2" x 12.5" Solid Tine - Set of 64

Hours: 0

Stock Number:

Code	Description	Qty
155 20 24	(64) 1/2" x 12.5" Solid Tines	1

WIEDENMANN 5/8" x 7" Coring Tines - Set of 32

Hours: 0

Stock Number:

Code	Description	Qty
155 20 30	(32) 5/8" x 7" Coring Tines	1

**BULLOCH COUNTY BOARD OF COMMISSIONERS
AGENDA ITEM SUMMARY**

DEPARTMENT MAKING REQUEST (Box 1)

MEETING DATE (Box 2) NOVEMBER 19, 2013

PARKS & RECREATION DEPT.

RESOLUTION ATTACHED? (Box 3)

YES

NO

REQUESTED MOTION OR ITEM TITLE (Box 4)

Approve a Sole Source Bid from Innova Disc Golf in the amount of \$ 26,555 for design/layout services and all necessary equipment to construct a 27 hole Disc Golf Course.

SUMMARY/BACKGROUND ATTACH DETAILED SUMMARY, IF NEEDED (Box 5)

See attached memo.

AGENDA CATEGORY
(CHECK ONE) (Box 6)

FINANCIAL IMPACT STATEMENT (Box 7)

PRESENTATION (6a)

BUDGETED ITEM? (7a)

YES

X

NO

AMENDMENT
REQUIRED? (7b)

YES

NO

PUBLIC HEARING (6b)

ATTACH DETAILED ANALYSIS, IF NEEDED (7c)

CONSENT (6c)

2007 SPLOST proceeds.

NEW BUSINESS (6d)

X

OLD BUSINESS (6e)

OTHER (6f)

APPROVED FOR AGENDA (Box 8)

DEPARTMENT
DIRECTOR

PURCHASING
OFFICER

OTHER

COUNTY
CLERK

COUNTY STAFF
ATTORNEY

COUNTY
MANAGER

YES

X

YES

YES

YES

X

YES

YES

NO

NO

NO

NO

NO

NO

INITIAL

MR

INITIAL

INITIAL

INITIAL

CAS

INITIAL

INITIAL

DATE

11/12/13

DATE

DATE

DATE

11.13.13

DATE

DATE

COMMISSION ACTION AND REFERRAL (Box 9)

APPROVED

DATE TO BE RETURNED TO AGENDA

DENIED

DEFERRED

OTHER

NOTES

Memorandum

To: Mr. Tom Couch , County Manager
From: Mike Rollins, Director of Parks Recreation & Community Services
Date: 11/12/2013
Re: Disc Golf Sole Source Proposal - Innova Disc Golf

A couple of years ago, we began the process to construct a disc golf course for Bulloch County. In the midst of some staff turnover, the project got shelved. During this past summer, the Bulloch Disc Golf Club approached our staff about re-initiating the project. We invited the club leadership to come to a Recreation Advisory Committee meeting. They attended both the July and August meetings and provided a lot of great information about the sport and local interest. Following their presentation at the August meeting, the Recreation Advisory Committee fully endorsed the concept of developing a disc golf course when we had funds available.

We had previously requested permission from the Airport Authority to place the course on property adjacent to the Bulloch County Horseman's Arena. They have reconfirmed that it would be ok and so we are now cleared with an acceptable site.

We have attached a proposal from Innova Disc Golf to provide design / layout services and all of the equipment necessary to set up a 27 hole layout. Innova is the leading company that provides a turnkey approach to development of disc golf courses. We have had good reports regarding the quality of their design and equipment. We are confident that they will provide us with all of the components required to develop a championship level disc golf course. We are requesting that the Board of Commissioners approve a Sole Source Bid from Innova Disc Golf in the amount of \$26,555. Funds would come from the 2007 SPLOST proceeds for Recreation.

**SOLE SOURCE JUSTIFICATION FORM
BULLOCH COUNTY PURCHASING OFFICE**

DATE	11-19-13	REQUISITION NO.	
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DEPARTMENT INFORMATION

Department	Parks and Recreation	Department Head	Mike Rollins
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VENDOR INFORMATION

Vendor Name	Innova Disc Golf
Street Address	2850 Commerce Drive
City	Rock Hill
State and Zip Code	South Carolina, 29730
Phone Number	800-476-3968
Fax Number	803-329-3472
E-mail or Web Site Address	www.innovadiscs.com

Please specifically justify why the items or services to be approved for sole source treatment:

See Attached

CHECK	SOLE SOURCE CONSIDERATIONS
--------------	-----------------------------------

	Exclusive Rights: Item is proprietary under patent or copyright; or possesses a unique function or capability held by single vendor possessing capabilities critical for use (if item is proprietary but available from more than one source, competitive proposals are required).
	Replacement Parts, Equipment or Accessories: Needed for repair of existing equipment where compatibility is essential for integrity of results and there are no other dealers or distributors.
X	Technical Service: Service provided is of a highly specialized or scientific nature where proposed vendor is the only resource available or within the geographic area.
	Continuation of Prior Work: Additional item, service or work required, but not known to have been needed when the original order was placed with vendor
	Other: Otherwise, due to special scientific, technological, or extraordinary specifications and circumstances, the goods or services is available from only one vendor.

ATTACH THE FIRM PRICE QUOTATION AND PURCHASE REQUISITION FORM FROM THE SOLE SOURCE VENDOR. QUOTED PRICES SHALL BE FIRM FOR 30 DAYS AND SHALL BE DELIVERED FOB: BULLOCH COUNTY.

I hereby declare that the information provided herein to be true and accurate to the best of my knowledge and I understand that false or misleading information may be a violation of County Purchasing Policies.

Mike Rollins

Signature of Requestor

IF THE PURCHASE IS \$10,000.00 OR MORE, APPROVAL IS REQUIRED BY THE BOARD OF COMMISSIONERS



QUOTE

October 23, 2013

To: Alex Todd

Re: Disc Golf Target Quote – Statesboro GA – Bulloch Co. Park and Rec

Please find below the disc golf equipment quote you requested.

Description	Qty	Price	Ext. Price
• DISCatcher PRO 28-Chain P.D.G.A. approved disc golf target – Permanent Style (Price includes ones set of installation hardware)	27	\$325	\$8,775
• DISCatcher PRO 28-Chain P.D.G.A. approved disc golf target – Permanent Style (Price includes ones set of installation hardware)	1	\$325	\$325
• Additional Installation Sleeve	27	\$25	\$675
• Stable Grid Tee Material – 18"x24" sections (24 sections per tee)	648	\$7.50	\$4,860
• Tee Signs	27	\$40	\$1,080
• Rules and Safety Sign	1	\$40	\$40
• Course Design	27	\$400	\$10,800
QUOTE TOTAL			\$26,555

Additional course equipment options to consider

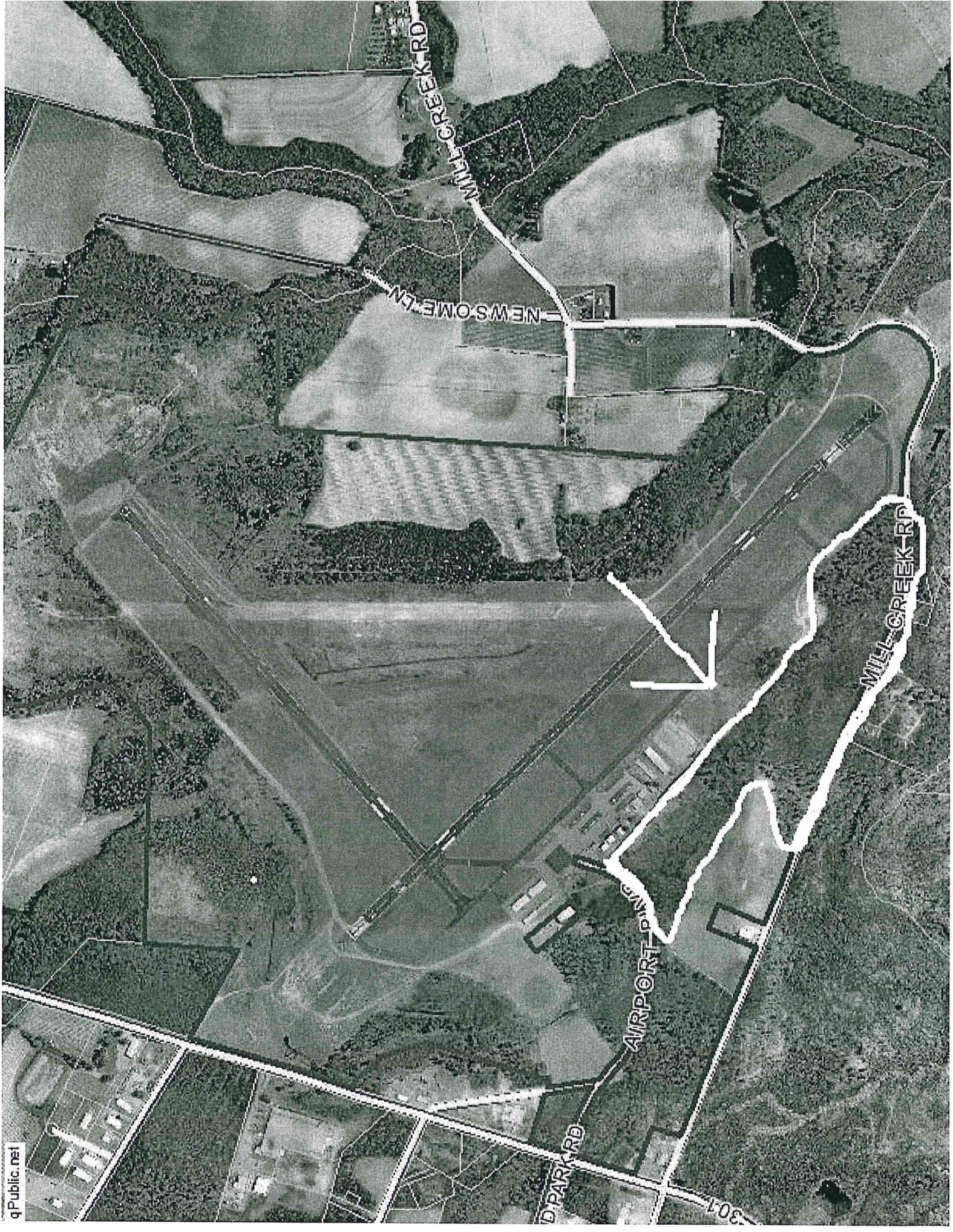
- Custom color tops - \$60 per target
- Flag sets for target tops - \$25 per set

Please feel free to give me a call toll free at 1-800-476-3968 if you have any questions.

Take care,

Henry Childres
Sales/Customer Service
Innova Disc Golf

INNOVA Disc Golf
2850 Commerce Drive • Rock Hill, SC 29730
(803) 366-5028 • Toll Free (800) 476-3968 • Fax (803) 329-3472
website: www.innovadiscs.com



The Bulloch Disc Golf Club is proposing the installation of an 18-hole disc golf course in the greater Statesboro area. Total cost of the project is estimated between 12,000\$ and 18,000\$ depending on the location and county resources.

Rationale:

There are now more than 4000 Disc Golf courses in the United States and Canada, nearly all installed by city and county parks departments. There are few recreational activities that offer the high benefit-to-cost ratio of disc golf. Disc golf has relatively low capital and maintenance costs compared with other recreational installations, is environmentally sound, is played year-round in all climates and is enjoyed immediately even by beginners of all ages.

What Is Disc Golf?

Disc Golf is played much like traditional golf. Instead of hitting a ball into a hole, a player throws a more streamlined looking Frisbee® disc into a supported metal basket. The goal is the same: to complete the course in the fewest number of shots. A golf disc is thrown from a tee area to each basket, which serves as the "hole." As players progress down the fairway, they must make each consecutive shot from the spot where the previous throw has landed. The trees, shrubs and terrain changes in and around the fairways provide challenging obstacles for the golfer. Finally, the "putt" lands in the basket and the hole is completed.

Who Can Play?

The simple answer is everyone. Disc golf can offer a fun and challenging experience for a wide range of players. It can be played from school age through the golden years, making it a terrific lifetime sport. A properly designed course can serve a variety of players, from families with children to the serious athlete.

How Much Does It Cost To Play?

Many courses are located in city or regional parks where citizens play free. Most private and some public facilities may charge up to \$5 per day to play, or earn passive income from annual passes and/or fees to enter the park. The equipment itself is quite inexpensive – discs designed for golf sell for \$8-\$15 each and only one is needed to get started.

What Kind of Construction Would Be Needed for a Disc Golf Park?

The installation of a 18-hole disc golf course on an approved site would include the construction of tees and the installation of signage and baskets. Unlike traditional ball golf, it is not necessary to totally clear the course --trees, bushes and other natural terrain features add to the interest and challenge of disc golf play. Large areas of meticulously groomed "greens" are not needed for a disc golf course. In many cases, only a few branches may need to be trimmed or removed near tees and baskets, and only the thickest or most undesirable underbrush needs to be removed.

Tees: Each hole would potentially have two tees, a short one for novice players and a longer one for advanced players. The novice tees are made of concrete, the advanced tees may be grass or gravel at first until the pro class needs are tested thoroughly. The concrete tees are usually about 4" thick measuring approximately 5' x12' and would be built flush with the ground. We estimate that a maximum of 18 tees of this size would be required for a high quality course.

Baskets: Each playable hole has a basket mounted on a pipe that slides inside an anchor pipe that is cemented into a hole measuring approximately 8" in diameter and 18-24" deep (technical specifications for the installation of tees and baskets can be found in the course development binders). The basket pipe and anchor pipe each have collar tabs that line up and are securely locked with a padlock. Each hole has 1-2 additional anchors installed so that the basket can be moved to different anchor locations periodically to reduce soil compacting and erosion, plus add some variety for players. This is similar to moving holes around on a golf green. We estimate that approximately 40 anchors holes would be installed.

Signs: Tee signs are very important to help first time users find their way through the course. Each hole has a sign indicating the number, length, recommended flight path and par. In addition, a rules sign and information board should be installed before the first hole. The signs can be constructed with a variety of materials although we believe it would be preferable to construct signs with a natural appearance to fit in with the surrounding area. Commercial signs designed for disc golf are also available from several sources.

What Maintenance Is Required For a Disc Golf Course?

After installation, there are few maintenance needs. Periodic trimming of branches around goals and tees may be needed to provide clear access for disc throws. Walking pathways used by players may need occasional maintenance to prevent erosion and soil compacting. Should the design include grass "fairways", mowing is performed far less often--usually at three week intervals during rainy seasons.

Under the proper supervision of the Bulloch County Park staff, the Bulloch Disc Golf Club volunteers would be willing and able to undertake an initial clean up of these areas and help maintain them as trash-free zones. With 2-3 anchor placements per hole, wear and tear on any one area is reduced. The targets are made of welded steel anchored in concrete and need no regular maintenance. In the unlikely event that one of the targets is damaged beyond repair or stolen, they can be replaced for around \$350.

How Much Land Is Needed?

An 18-hole course would cover approximately 18-30 acres, depending on design. A rough rule of thumb for total space needed is about one acre per hole. A significant advantage of disc golf is the ability to utilize areas that are not very desirable or usable for other activities such as woodlands choked with non-native foliage, semi wetlands, rocky areas, uneven terrain and slopes. In addition, a disc golf course need not be an exclusive use area -- it can co-exist amicably with other active and passive recreation uses such as hiking, biking, dog-walking, etc. Finally, the relative portability of baskets and signs allow the parks department to inexpensively relocate the course to another site as the needs of the master plan dictate.

The installation of a disc golf course in Bulloch County would benefit the surrounding community by increasing and enhancing recreational opportunities, park safety and conservation goals.

Recreational Needs: A disc golf course would provide an inexpensive form of recreation for people of all age and skill levels and could easily be a successful addition to the Bulloch Parks and Recreation facilities roster. Disc golf players enjoy the health benefits of walking and stretching exercise with virtually no risk of accidents or injuries that can occur with other sports.

Conservation: Disc golf can be an environment-friendly sport. Unlike traditional golf, a disc golf course may not require trees to be removed, grass mowed and watered daily, plants uprooted or non-native species planted. Many courses can be designed to fit into the existing flora of most any land. The impact of a disc golf course on the surrounding area is minimal. Each hole has multiple pin placements, ensuring that no one area gets constant foot traffic (this has the added benefit of providing new challenges to players). In addition, disc golfers overall tend to take great pride in where they play, helping reduce potential litter on the course.

Economics: A deluxe 18-hole disc golf course with two sets of tees, professional signs and baskets can be purchased and installed for under \$20,000, less than the cost of a single tennis or basketball court. An 18-hole course can serve more than 100 people at any time, compared with a tennis court (4 maximum) or basketball court (10 maximum). The cumulative square footage of 18 x 60 sq. ft hard surface tee pads are also far less than either a basketball or tennis court.

Local and regional support:

Bring Disc Golf to Bulloch was formed to promote disc golf as an environmentally and socially beneficial sport that is challenging and rewarding for people of all ages and backgrounds and that can co-exist amicably with other recreational activities in the city's parks. We currently have over 250 followers and are supported by surrounding courses and clubs including the GSU team, and the Savannah Disc Golf Club. Our long term goal is to promote park facilities by hosting fundraising events and tournaments, as well as youth programs, clinics, and league play for all ages and skill levels. Having a home course in Statesboro will provide a center for local disc golf enthusiasts who are eager to promote the sport and provide community engagement, positive publicity, and wholesome fun to the citizens of Bulloch county.

The recognized "Mecca" of the sport is located nearby at the International Disc Golf Center and headquarters of the PDGA at Wild Wood Park (Appling, GA). This, combined with other excellent courses in the surrounding counties, all with their own respective clubs, tournaments, and events, has the potential to be a valuable resource for the development and growth of disc golf activities in the greater Statesboro area

Maybe you have heard, maybe you have not..... but Disc Golf is where it's at.

We here at Bring Disc Golf to Bulloch and the Bulloch Disc Golf Club would like you to consider that many of your preconceptions of "Frisbee" Golf may need another look. As one of the fastest growing sports, with some of the widest range of players participating around the world, and incredibly economical startup cost, It's no wonder so many other recreational departments have joined in on the fun! We thought the best route was to give you a bit of a self discovery, linked tour via email. The future right?

What is Disc Golf?:

<http://www.pdga.com/introduction>

Where around here can I play? (the short answer is, everywhere but Bulloch....)

If we had such a course, we would instantly be supported by many of these great groups and more...

- **Disc Golf Course Review:** you won't believe just how expansive this site is... with over 5,500 public courses and counting. Photos, Maps, Reviews, Galore! <http://www.dgcoursereview.com>
- Tom Triplet Park- Pooler : <http://www.dgcoursereview.com/course.php?id=925>
- The Sarge- Hardeeville, SC: <http://www.dgcoursereview.com/course.php?id=2498>
- East GA College- Swainsboro, GA: <http://www.dgcoursereview.com/course.php?id=1217>
- **The International Disc Golf Center, and PDGA Headquarters: Wildwood Park- Appling, GA:
<http://www.pdga.com/IDGC>
<http://www.pdga.com/IDGC/courses?s=b41a3fc01bce08d865a965eb7d625a73>
<http://www.dgcoursereview.com/course.php?id=1869>

Amazing growth simulation of DG courses from 1975 to 2009, which has almost doubled since this was posted : http://www.youtube.com/watch?feature=player_embedded&v=RC4tk9c7RL4

What does our local scene look like?

Savannah Disc Golf Club: <http://www.youtube.com/watch?v=f0D9dCGoQAE>

Bring Disc Golf to Bulloch (Hey, that's us!) : www.facebook.com/bringdiscgolftobulloch

Fun CNN news story with local/world musician Zach Deputy at Tom Triplet Park:
<http://www.youtube.com/watch?v=pTUGh919zOM>

PDGA 2013 Hall of Fame Classic, here at the IDGC: http://www.youtube.com/watch?v=V_SmP94BD3o

2012 GA State Championships : http://www.youtube.com/watch?v=uGj_f9xMBfg

Why haven't I heard of this? (that's what we said)

We really could go on forever with the endless news articles, sports magazines, health and fitness features, nightly newscasts etc. that will come pouring out by simply typing "Disc Golf News" into Google... We wanted to cut it down for you a bit ..

Great recent Disc Golf article on ESPN:

<http://sports.espn.go.com/espn/page2/story?page=mccluskey/090819&src=mobile>

The honest look of a CBS news story, on the explosive nature of Disc Golf: The good, the bad, the beauty
<http://minnesota.cbslocal.com/2013/08/18/disc-golfs-popularity-exploding-for-better-for-worse> (video)

Disc Golf to Tackle Childhood Obesity:

<http://www.edinburghnews.scotsman.com/news/education/frisbee-disc-golf-game-to-tackle-child-obesity-1-3077081>

ABC news story on Disc Golf out west:

<http://abclocal.go.com/kgo/story?section=news/sports&id=8904907>

Disc Golf Planet TV: the best televised coverage of the sport: <http://www.livestream.com/discgolfplanet>

The PDGA! With over 46,000 registered players around the world! : <http://www.pdga.com/>

So wait, people make money throwing Frisbees? You bet they do...

The BEST recent Disc Golf video profile.. Paul Ulibarri : (a must see)

https://www.youtube.com/watch?feature=player_embedded&v=2wC628E5YPY

Current 2x world Champion – Paul Mcbeth on SpinTV:

<https://www.youtube.com/watch?v=6pMCYeYILpo>

Who is responsible for this !?!

The biggest name in Disc Golf... **Innova**. With headquarters in SC : <http://www.innovadiscs.com/>

Second - "the world leader in disc sports" **Discraft** : <http://www.discraft.com/index.html>

Another HUGE company (my personal favorite) created only 2 years ago, taking the sport by storm....

Prodigy Discs, here in GA <http://www.prodigydisc.com/>

Even **Vibram** (the guys who make the soles of your hiking shoes) are making some serious waves...

<http://www.vibramdiscgolf.com>

Oh and of course MVP, Gateway, ABC, Latitude64, GripEQ, LDS, Wondernut, Westside Discs, Salient, Procul, DGA, ProDiscus, Disc Mania, Dynamic, Ching, Legacy, Millenium, Lightning, and many more.....

How do we start?

Disc Golf Association Course Development Guide (really good) : <http://www.discgolf.com/dga-course-development-guide>

The PDGA, with headquarters right up the street in Augusta : <http://www.pdga.com/>

Most importantly, their Course development resource page : <http://www.pdga.com/course-development> Click through all the blue links for everything you could ever need.

Who can we call for help?

There are hundreds people out there who design and install courses professionally, who can also answer any question you have. Many of them are in the Southeast US. We highly recommend you give them a call.

Article from PDGA about choosing a designer:

<http://www.pdga.com/files/documents/ChoosingACourseDesigner.pdf>

****Everything else you would ever need to know:

http://www.discgolfcoursedesigners.org/discgolfwiki/index.php5?title=Main_Page

The man to call...David McCormick –A Master course designer and Owner of Gateway discs

<http://gatewaydiscs.blogspot.com/>

David@gdstour.com

314 487 5204 (Great guy, and a friend of the cause. He offers some great incentives)

John Houck - #1 in course design <http://houckdesign.com/>

Brian Giggey – Good man to call, Founder of Explore Disc Golf

<https://www.facebook.com/#!/explorediscgolf>

Last but not least, **the Bulloch Disc Golf Club**, as always! www.facebook.com/bringdiscgolftobulloch

We have estimates from near every company, proposals, press kits, equipment, muscle, sweat, you name it!

As well as myself

Alex (Sandy) Todd at atodd@georgiasouthern.edu - 912 432 8466 – 971 207 0246

Thank you for your consideration! Contact us at any time!

Did you say Professional?... WORLD?

***European Open (Great example of the amazing new televised coverage format) :

<http://www.youtube.com/watch?v=HszZWW0SEyE>

**Short film on Australian Disc Golf Championships (very good example, including female pros and history... Quality) : <http://www.youtube.com/watch?v=k6gOcf5Eq-E>

*2013 PDGA Worlds : <http://www.youtube.com/watch?v=eo2bOR1NWLY>

Japan Open : <http://www.youtube.com/watch?v=CZpKT6aeqQ4>

Finnish Open : http://www.youtube.com/watch?v=vpw0_7Dapjg

New Zealand : <http://www.youtube.com/watch?v=aDiYZqfCxDA>

Canada : <http://www.youtube.com/watch?v=LwKlirFDttY>

Dutch Open : http://www.youtube.com/watch?v=brF1j_nU9Rg

There is no way I can do any of that, you must have to be a seasoned athlete to play?

Well, you may want to ask these guys.....

DISC GOLF KIDS!!! The Worlds Junior division : <http://www.youtube.com/watch?v=48AuNhd507I>

The Educational Disc Golf Experience – E.D.G.E. : a full program guide and resources for teaching Disc Golf to youth in schools. <http://www.edgediscgolf.org/>

This is blowing my mind! I've seen it all.....

Nope

Every day, unbelievable things are happening in disc golf Here are a few, just for fun....

- Let your brain chew on this one.... where the city of Asheville NC shut down entire streets, including police escorts, to throw an urban disc golf tournament? You have to see it to believe it.... https://www.youtube.com/watch?feature=player_embedded&v=F1_jX9JnWFI
- Worlds longest "ACE": http://www.youtube.com/watch?v=LbsrX_YQkc
- A new company that not only has developed an amazing "Disc Golf Vending Machine" but heavily supports the local Parks and Rec with profits from their incredible looking product. A must see. Click the Parks and Rec tab on the homepage. <http://teeboxx.com/>
- Disc Golf vs. Ultimate Frisbee! - <http://www.youtube.com/watch?v=azwbRAe87Co>
- Founder of Disc Golf, Ed Headrick, on Ripleys Believe it or Not (weird, funny, true) : <http://www.youtube.com/watch?v=1Jid3-XOLRo>
- Even movie stars are competing at pro levels..... half nude.....
<http://www.dailymail.co.uk/tvshowbiz/article-2410343/Fast--Furious-hunk-Paul-Walker-strips-game-disc-golf-pals.html>