

Council Members

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**County Administrator**

Sel Hemingway

County Attorney

Wesley P. Bryant

Clerk to Council

Theresa E. Floyd

August 2, 2018

4:00 PM

**Georgetown County Sheriff's
Office - 430 N. Fraser Street,
Georgetown, SC**

**GEORGETOWN COUNTY COUNCIL
WORK SESSION
Georgetown County Sheriff's Office - 430 N.
Fraser Street, Georgetown, SC
CIP Work Session
AGENDA**

- 1. CALL TO ORDER**
- 2. REPORTS**
 - 2.a Detention Center Improvements**
 - 2.b 2018 CIP Aquatic Center Analysis Report**
 - 2.c Murrells Inlet Community Center Parking Expansion & Park Development**
 - 2.d 2018 CIP Community Park Enhancement Report**
 - 2.e Corridor Companion Study**
 - 2.f Georgetown County Bike Path Master Plan**
 - 2.g Garden City Beach Maintenance Plan Pilot Program**
- 3. ADJOURNMENT**

Item Number: 2.a
Meeting Date: 8/2/2018
Item Type: REPORTS

AGENDA REQUEST FORM
GEORGETOWN COUNTY COUNCIL



DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Determination of Detention Center needs.

CURRENT STATUS:

There is currently a provision in the CIP of just under \$7,000,000 earmarked for Detention Center improvements.

The original thought, some years ago, was that the Detention Center needed to be expanded to handle the projected detainee population needs. At that point in time, we were seeing occupancy at the maximum levels (and beyond) for which the facility was designed and we also were having difficulty complying with State regulatory standards for detention facilities.

In more recent years, detainee population averages have dropped significantly in our Detention Center, to the point that there may not be a need for expanded capacity in the near future. Consultants have been engaged to conduct an analysis of current needs for the facility and have concluded that a large number of major repairs, renovations and modifications are badly needed.

POINTS TO CONSIDER:

Preliminary estimates costs to rectify all of the facility needs significantly exceeds available funding currently in the CIP. The decision we are now faced with is between 1) commencing with a major overhaul to the facility, or 2) replacing the facility.

Making a major investment in an older facility with so many needs does not appear to be the best direction to go.

FINANCIAL IMPACT:

Bond funding is currently projected in the CIP for the Detention Center improvements. The increased amount of funding required has not been completely identified. Bonds would ordinarily be issued for 20 years, or possibly more, for a new facility.

OPTIONS:

- 1) Move forward with a plan to make major renovations to the current Detention Center, or
- 2) Move forward with a plan to replace the current Detention Center

STAFF RECOMMENDATIONS:

Upon a receipt of cost estimates for both options, staff will formulate a recommended funding plan for each option. These options and cost estimates will be reviewed by the Sheriff's Department for a recommendation to Council.

Item Number: 2.b
Meeting Date: 8/2/2018
Item Type: REPORTS

AGENDA REQUEST FORM
GEORGETOWN COUNTY COUNCIL



DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Provide information regarding currently operating aquatic center facilities and amenities along with capital cost estimates and projected operations and maintenance costs required to support these facilities.

CURRENT STATUS:

County Council has requested information concerning potential development of a regional indoor aquatic center within Georgetown County.

POINTS TO CONSIDER:

Information contained within the attached report provides various popular aquatic center components which may be constructed alone and/or in any combination.

Capital cost and operations and maintenance estimates are provided for conceptual cost estimation. The actual components, amenities, programming and industry climate at time of construction will impact actual cost of facility.

FINANCIAL IMPACT:

Various facility configurations with corresponding capital and operations and maintenance cost estimates are included within attached report.

Feasibility Study Cost is estimated at \$50,000-100,000 depending upon scope.

OPTIONS:

N/A

STAFF RECOMMENDATIONS:

Due to the complex and varied nature of aquatic centers and amenities staff recommends that Georgetown County consider partnering with the Georgetown County School District to conduct a feasibility study to determine:

1. Needs Analysis to identify and determine facility type(s) and amenities for current and future needs
2. Opinion of probable cost based upon information developed from Needs Analysis
3. Projected Operations & Maintenance Costs and revenue analysis based upon facility components determined by Needs Analysis.
4. Identification of cost sharing opportunities for operation of a joint use facility shared by Georgetown County and the Georgetown County School District.

ATTACHMENTS:

Description	Type
▣ 2018 CIP Aquatic Facility Analysis Report	Backup Material



2018 Indoor Aquatic Facility Analysis

GEORGETOWN COUNTY, SOUTH CAROLINA

Indoor Aquatic Center Facility Analysis and Cost Estimates

The information contained within this report is intended to provide an overview of some currently popular indoor aquatic center features and amenities. Facility size requirements, capital cost and operations & maintenance cost estimates provided are based upon research of numerous projects and sources. These numbers should be utilized as rough cost estimates for planning purposes only with acknowledgement that actual costs will be influenced by facility scope and market climate at time of construction.

Pool sizes may vary greatly depending upon user type and demand. All competition and recreational must be considered in order to develop appropriate scope for each individual project. A selection of competition and recreational components have been utilized consistently throughout this report as examples. Changes to scope of project will result in increase/decrease in capital and o&m costs.

Competition pools are based on specific course lengths and lane widths (50 meter, 25 meter, and 25 yard courses with 7 foot lanes). Recreation and therapy pools are more flexible, but must also be sized appropriate for desired activities. No 50 meter facilities have been included in this report.

Recreation pool design utilized within this report includes a zero-depth entry, a current channel, a water play structure with slide and connecting space.

Capacity

For comparison purposes, a 3,000 square foot recreation pool will accommodate a maximum of 150 patrons at a time.

A 1,200 square foot therapy pool will accommodate 20 to 25 participants at a time depending upon programming.

Support spaces, and costs will vary depending upon facility type, size and location.

Depth

Water depths are as specific to pool use for specific activities as is the water temperature. For the purpose of this report no accommodation has been made for diving.

Swimming Lessons	18-42 inches
Competitive Swimming	Min. 4' for turns, 6' for racing starts
Recreation	0 – 42"
Therapy	42" to 5.5" (based upon programming)

Capital Costs

Capital costs provided for comparison have been obtained from published sources such as Aquatic International magazine and Athletic Business magazine and from Water's Edge Aquatic Design projects.

August 2018

Estimated capital costs include construction costs plus design fees, survey, material testing, geotechnical report, and FFE (fixtures, furnishings and equipment) costs.

Further, capital costs developed for this report are based on actual bids for indoor pool projects in the central U.S. All the projects did not happen in the same year, so they were first indexed to year 2015 using Consumer Price Index values. Approximately half of the researched costs were construction costs only. A project cost factor of 1.15 was used to upgrade the sourced construction costs to project costs. An additional inflation rate of 2% per year for two years was then applied to yield year 2017 project costs. In this report 5% was added as a contingency thereby creating the capital costs listed in Table A.

Using the 2017 indexed project costs and dividing by each source's building size created a unit cost per square foot of building (including the pool costs). Averaging the unit costs produced the recommended unit project cost of \$315/square foot of building size (which includes the cost to build the pools) for each option.

Land costs **are not included**. For this analysis it has been assumed that available School District (our County) owned property would be utilized.

Allowances for competition equipment and for water slide/play features were included as appropriate. \$50,000 was used for competition equipment, \$25,000 for limited competition equipment and \$200,000 was used for recreational water slide/play structure.

Operating Costs

Operational costs per square foot of building are identified from several source projects, averaged and projected for a year 2017 basis. Based upon this analysis projected unit operating costs range from \$12 to \$22/square foot of building size. Usage types will impact o&m costs largely due to staffing requirements. Competition usage may generally require less staffing than recreational usages, however, completion usages are also likely to generate less in fee revenues.

Core operating costs include administrative staffing, lifeguards, instructors, maintenance staff, utilities, chemicals, program equipment, repairs, cleaning supplies, insurance, and marketing.

An annual maintenance fund should be budgeted in addition to annual O&M as pool/natatorium equipment and machinery will deteriorate and require replacement. Items such as pool coatings, pumps, chemical systems, and roofing and dehumidification systems will need replacement / repair scheduled on an ongoing basis.

Potential cost recovery depends upon facility type and programming. Generally completion pools have been found to recover less than recreational facilities. User fee structures will also greatly impact cost recovery.

USA Swimming reports that a typical community based competition facility usage will be utilized 5% for competition / 95% practice and recreational swimming.

FACILITY EXAMPLES & COST ESTIMATES

	COMPETITION SWIM/DIVE	RECREATION & LIMITED COMPETITION	COMPETITION SWIM/DIVE PLUS RECREATION	25 yd 6 Lane Lap	Recreation Pool
	30 meter stretch pool with movable bulkheads & seating	25 yd 6 lane lap pool Recreational pool	30 m stretch 25 yd 6 lane lap pool Recreational pool Therapy pool	25 yd 6 lane lap pool	
Features	10 short course lanes, diving and seating for 500	25 yd 6 lane, zero depth entry, play structure, water slide, current channel	10 short course lanes, diving, seating for 500 Lap pool, zero depth entry, play structure, sprays, water slide, current channel	25 yd 6 lane lap pool	Zero depth entry, play structure, current channel, water slide
Activities	Competition swimming & diving, lap swimming, upper level instruction, lifeguard training	Lap swimming, swim lessons, aerobic classes, recreation, water walking, therapy	Competition swimming & diving, lap swimming, swim lessons, aerobic classes, recreation, water walking, therapy	lap swimming, swim lessons, aerobic classes, recreation	swim lessons, aerobic classes, recreation
Building Size	32,130 sq ft	26,000 sq ft	63,430 sq ft	11,700 sq ft	13,130 sq ft
Capital Costs (2017)	\$10,676,997 (2017)	\$8,810,000 (2017)	\$21,242,000 (2017)	\$3,685,000 (2017)	\$4,135,950 (2017)
Operation al Costs (2017)	\$474,000/yr (2017)	\$520,000/yr (2017)	\$951,000/yr (2017)	\$232,000 (2017)	\$268,000 (2017)

FACILITY DETAIL EXAMPLES**I. Competition Swim & Diving / Limited Recreation****1. 30 Meter Stretch Pool with Diving**

30 meters long with a moveable bulkhead. This allows 25-yard or 25-meter competition. Both lengths provide short course options and offer a small area for cool-down or warm-up.

Springboard diving is included with two one-meter boards. The boards can be placed on the pool end or along one side. The diving clearances exceed NFSA, NCAA, FINA, and US Diving criteria.

Water treatment includes a 6-hour turnover, pressure sand filters with a surface loading rate of 10 gpm/sq ft, UV treatment, a surge tank, floor inlets, and chlorine/acid disinfection and pH control.

Water depths range from 4 feet to 12.5 feet and preferred water temperatures range from 78 to 82 degrees Fahrenheit (F). Cool water for swim team practice is not suitable for most swim lessons and vice versa. Upper level swim lesson participants may be able to adapt to the cooler water, but younger swimmers may experience discomfort resulting in less learning.

Suitable activities range from swimming and diving training, competition, life guard training, SCUBA training, physical education classes, upper level swimming lessons, and exercise swimming to possible exercise classes. Relatively cold water temperatures and deep water depths will limit the classes and lessons.

Facility also includes bleacher seating for 500 people, minimum deck space 15 feet wide, pool equipment room, locker rooms, restrooms, office space, storage area, athlete lockers, dry training deck area, wet classroom, data room, HVAC and dehumidification space, concession area, custodian room, and a lobby/entry area.

II. Recreation & Limited Competition

1. 6 lane x 25 yard lap pool
2. recreational pool with a current channel
3. Therapy pool.

Recreational pool includes a 0-depth entry, a current channel, spray features, and a shallow water play structure. The current channel is so-named as a smaller version of the popular outdoor lazy river. Approximately six to seven feet wide and 3.5 feet deep, the current channel is part of the recreation pool. The current channel length can vary depending on the recreational pool layout, but can be 75 feet to 100 feet. Several sprays along the zero depth area are included. No animation for the sprays are included. Some are in the shallow water and a few are in the deck along the pool gutter at the zero depth entry.

A small interactive play structure may be added to recreation pool. A budget of \$200,000 is included in the cost projections for a slide and a play structure.

Also included is a body style water slide. A body slide does not require tubes for the riders, thus eliminates the need to handle and store the tubes. The slide starts inside the building, extends outside and returns inside to a run out instead of landing in a plunge pool. This method reduces the water surface area and building size.

Water treatment includes a 6-hour turnover for the lap pool, 2-hour to 4-hour turnover for the recreation pool, pressure sand filters with a surface loading rate of 10 gpm/sq ft, UV treatment, a surge tank, floor inlets, chlorine disinfection and acid pH control.

Water depths in the lap pool range from 3.5 feet to 5 feet and preferred water temperatures range from 84 to 88 degrees Fahrenheit (F). The recreational pool begins with a zero depth entry and extends to a 3.5 foot depth in the current channel. The recreational pool water temperature range is 86 to 90 degrees F and the therapy pool should have water temperatures of 90 to 95 degrees F. Therapy pool water depths are planned from 3.5 feet to 5.5 feet.

The lap pool allows short course lap swimming and can also be used for all levels of swim lessons. Suitable activities range from swimming instruction, some competition, and lap swimming to exercise classes. Warm water temperatures will somewhat restrict swimming competition.

Suitable activities in the recreation pool include all types of warm water activities, such as, open recreation play, all levels of swim lessons, exercise classes, water walking, resistance exercise and training and other warm water programs. The therapy pool includes warmer water and specific features for therapy activities (bars, handrails, seats with belts, swim jets, and access).

Support spaces includes no bleacher seating, minimum deck space 15 feet wide, pool equipment room, locker rooms, restrooms, office space, storage area, HVAC and dehumidification space, custodian room, and a lobby/entry area.

III. Competition Swim & Diving / Recreation

1. 30 meter stretch pool with diving
2. 6 lane lap pool
3. Recreation pool with zero entry and play features

Competition pool is a 30 meters stretch pool with a moveable bulkhead allowing 25-yard or 25-meter competition. Both lengths provide short course options in addition to a small area for cool-down or warm-up activities.

Diving is also included with the short course pool in this Option. Springboard diving is included for two one-meter boards. The boards can be placed on the pool end or along one side. The diving clearances exceed NFSA, NCAA, FINA, and US Diving criteria.

Recreational spaces include a 6-lane by 25-yard lap pool and a recreational pool.

The recreational pool also includes a 0-depth entry, a current channel, spray features, and a shallow water play structure. The current channel is so-named as a smaller version of the popular outdoor lazy river. Approximately six to seven feet wide and 3.5 feet deep, the current channel is part of the recreation pool. The current channel length can vary depending on the recreational pool layout, but can be 75 feet to 100 feet. Several sprays along the zero depth area are included. No animation controls for the sprays are included. Some are in the shallow water and a few are in the deck along the pool gutter at the zero depth entry. A small interactive play

structure is also part of the recreation pool. A budget of \$200,000 is included in the cost projections for a water slide and a play structure.

Also included is a body style water slide. A body slide does not require tubes for the riders which eliminates the need to handle and store the tubes. The slide starts inside the building, extends outside and returns inside to a run out instead of landing in a plunge pool. This method reduces the water surface area and the building size.

Water treatment includes a 6-hour turnover for the lap pools and 2 to 4-hour turnovers for the recreation pool, pressure sand filters with a surface loading rate of 10 gpm/sq ft, UV treatment, a surge tank, floor inlets, and chlorine/acid disinfection and pH control.

Competition pool water depths range from 4 feet to 12.5 feet and the preferred water temperatures range from 78 to 82 degrees Fahrenheit (F). Cool water for swim team practice is not suitable for most swim lessons and vice versa.

Water depths in the lap pool range from 3.5 feet to 5 feet and preferred water temperatures range from 84 to 88 degrees Fahrenheit (F). The recreational pool begins with a zero depth entry and extends to a 3.5 foot depth in the current channel. The recreational pool water temperature range is 86 to 90 degrees F.

Support spaces include bleacher seating for 500 people, minimum deck space 15 feet wide, pool equipment room, locker rooms, restrooms, office space, storage area, athlete lockers, dry training deck area, wet classroom, data room, HVAC and dehumidification space, concession area, custodian room, and a lobby/entry area.

TABLE A

Areas sq ft	30 m stretch	25 yd 6 lane	Recreation	Therapy
30 m stretch	7400	3400	3000	1200
Deck	3700	1700	2000	800
Seating	8000	0	0	0
Pool Equip	1000	1000	2500	1000
Pub lockers	1500	1300	1000	800
Restrooms	750	500	750	400
Storage	900	600	600	600
Athlete Lockers	2300	0	0	0
Dry Training	1100	0	0	0
Wet Class	300	0	0	0
Data	200	120	200	120
HVAC	2500	1000	1000	1000
Concession	800	800	800	0
Office	180	180	180	180
Custodian	300	300	300	300
Entry	1200	800	800	800
Facility Size	24,730	8,300	10,130	6,000
TOTAL FACILITY SQ FT	32,130	11,700	13,130	7,200
COST EST	\$10,120,950	\$3,685,500	\$4,135,950	\$2,268,000
	(2017)	(2017)	(2017)	(2017)
Features	50,000	25,000	200,000	0
5% Cont.	506,047	184,275	206,797	113,400
Est. Project Totals	\$10,676,997	\$3,919,775	\$4,742,747	\$2,431,400

NOTES:

No land costs are included

Project costs for building & pool(s) is estimated at \$315 per sq ft of building

Estimated project costs include construction, design fees, site survey geotech, FFE & testing

Table B
Summary of Resource Information

Facility	Building Size sq ft	Year Built	Facility Type	2015 Construction Cost million\$	2015 Project Cost million\$	2% Inflation 2017 Project Cost \$	2% Inflation 2017 Unit Design Cost \$/sq ft	2014 Operation Cost \$/yr	3% Inflation 2017 Operation Cost \$/yr	3% Inflation 2017 Operation Cost \$/sq ft/yr
Algona YMCA, IA	20,803	2008	C	5.1	5.865	6,102,000	\$293	—		
Allegan Aquatic Center, MI	35,000	2003	C	---	8.535	8,878,000	\$254	---		
Blue Valley High School, KS	16,665	2005	P	5.73	6.5895	6,856,000	\$411	---		
Campbell County, Gillette, WY	184,322	2010	C	53.1	61.065	63,532,000	\$345	---		
Capital Federal, Topeka, KS	37,480	2004	P	9.8	11.27	11,725,000	\$313	350,000	383,000	10.22
Centennial, CO	80,000	2004	C	---	22.673	23,589,000	\$295	---		
Clinton Community Center, MO	15,680	2005	C	6.1	7.015	7,299,000	\$465			
Cortez Recreation Center, CO	43,200	2004	C	---	11.211	11,664,000	\$270	---		
Cuyahoga Falls, OH	116,000	2004	C	---	27.72	28,840,000	\$249	---		
Dickinson, ND	80,542	2004	C	---	15.368	15,989,000	\$199	---		
Fort Lupton Recreation Center, CO	37,800	2004	C	---	7.369	7,667,000	\$203	---		
Gladstone Community Center, MO	80,839	2008	C	23.8	27.37	28,476,000	\$352	840,500	918,500	11.36
Grandview Community Center, MO	60,776	2005	C	16.6	19.09	19,861,000	\$327	---		
Harrisonville Community Center, MO	68,000	2005	C	14.9	17.135	17,827,000	\$262	1,358,126	1,440,800	21.19
Highland, MI	93,155	2004	C	---	22.162	23,057,000	\$248	---		
Indianola YMCA, IA	63,342	2015	C	13.9	15.985	16,631,000	\$263	---		
Kamas, Utah	52,416	2004	C	---	9.762	10,156,000	\$194	---		
Keller ISD Natatorium, TX	36,720	2003	P	---	10.605	11,034,000	\$300	---		
KROC Center, Coeur D'Alene ID	123,000	2009	C	---	33.273	34,617,000	\$281	---		
Laramie, WY	62,400		C	---	13.856	14,416,000	\$231	---		
Lawrence Free State High School, KS	48,240	2000	C	12.85	14.7775	15,375,000	\$319	1,060,000	1,158,000	24.00
Lee's Summit High School, MO	58,000		P	12.8	14.72	15,315,000	\$264	450,000	491,700	8.48
Lewisville, TX Natatorium	45,000	2014	P	---	---	20,000,000	\$444			
Livonia, MI	135,000	2003	C	---	32.33	33,636,000	\$249	---		
Lone Tree Rec Center, CO	54,257	2004	C	---	14.62	15,211,000	\$280	---		
Maquoketa YMCA, IA	28,648		C	6.3	7.245	7,538,000	\$263	682,000	745,300	26.02
Marshalltown YMCA, IA	120,000	2002	C	26.4	30.36	31,587,000	\$263			
Mesa State College, Grand Junction, CO	216,000	2010	P	39.39	45.2985	47,129,000	\$218			
Milwaukee YMCA, MI	115,000	2003	C	---	21.34	22,202,000	\$193	---		
Montrose, CO Community Center	50,000	2015	C	---	---	28,000,000	\$560			
Overland Park Community Center, KS	80,000	2005	C	22.7	26.105	27,160,000	\$340	1,235,633	1,350,200	16.88
Platte Co YMCA, MO	30,056	2004	C	---	7.684	7,994,000	\$266	---		
Recreation Center, Burleson, TX	72,850	2010	C	---	17.46	18,165,000	\$249	---		
Salem, OH	59,000	2003	P	---	9.44	9,821,000	\$166	---		
Salt Lake City, UT	36,500	2003	C	---	6.867	7,145,000	\$196	---		
Sammamish, WA Community Center	69,000	2016	C	---	---	34,000,000	\$493	---		
Sioux Falls, SD	56,000	2016	C	---	---	24,000,000	\$429	---		
Summit, Grand Prairie, TX	56,541	2010	C	---	25.098	26,112,000	\$462	---		
TellepsenYMCA, Houston, TX	115,000	2011	C	---	36.56	38,037,000	\$331	---		
Tomball ISD Natatorium, TX	22,150	2003	P	---	5.457	5,678,000	\$256	---		
Turner High School, KS	22,000	2006	C	4.485	5.15775	5,366,000	\$244	177,390		
University of IA, Iowa City, IA	215,000	2010	P	---	75.512	78,563,000	\$365	---		
University of Missouri, MO	75,600	2003	P	---	14.225	14,800,000	\$196	---		
Vandalia, OH	58,367	2003	C	---	11.186	11,638,000	\$199	---		
Waukee YMCA, IA *	73,812	2008	C	15.7	18.055	18,784,000	\$254	317,100	346,500	24.56

Note: * wet area of 14,106 sq ft used for unit cost

Average

\$295

17.84

Facility Legend: P = Pool Only (typically competition)

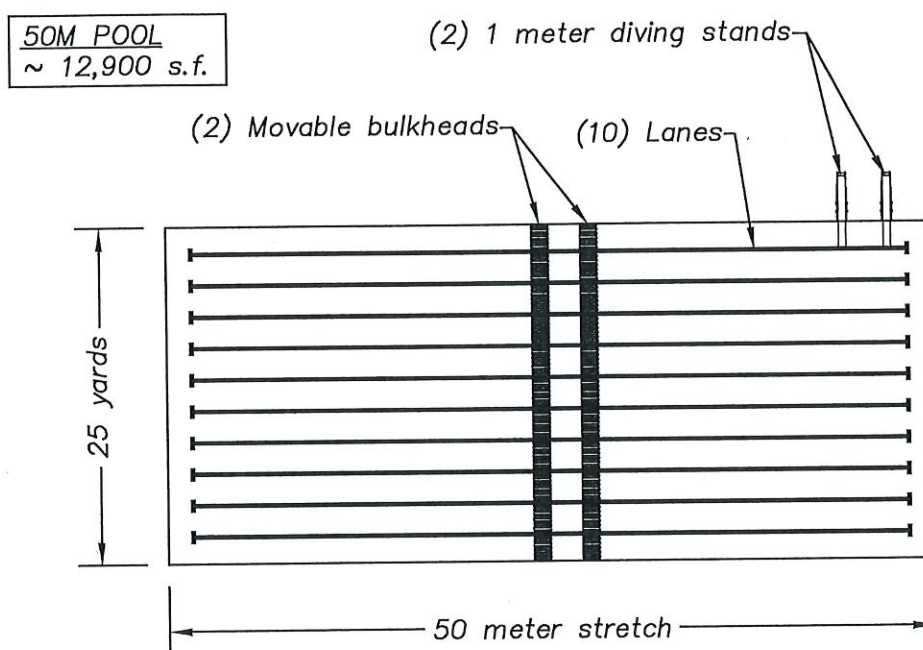
C = Combination Facility (Pools, gyms, fitness areas, etc.)

Project Cost = Construction Cost x 1.15

For project cost: use \$315 /sq ft

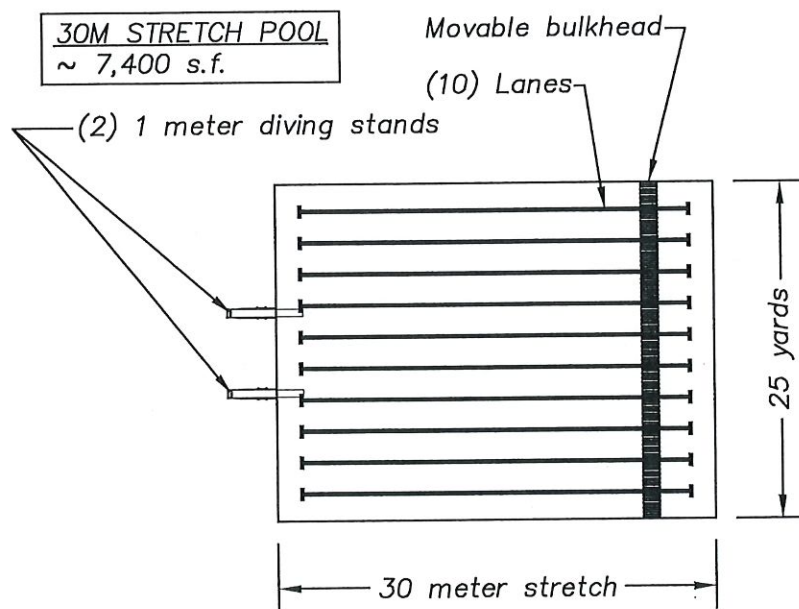
For operating costs use \$12 to \$22/sq ft

Example Drawings of the Pool Types



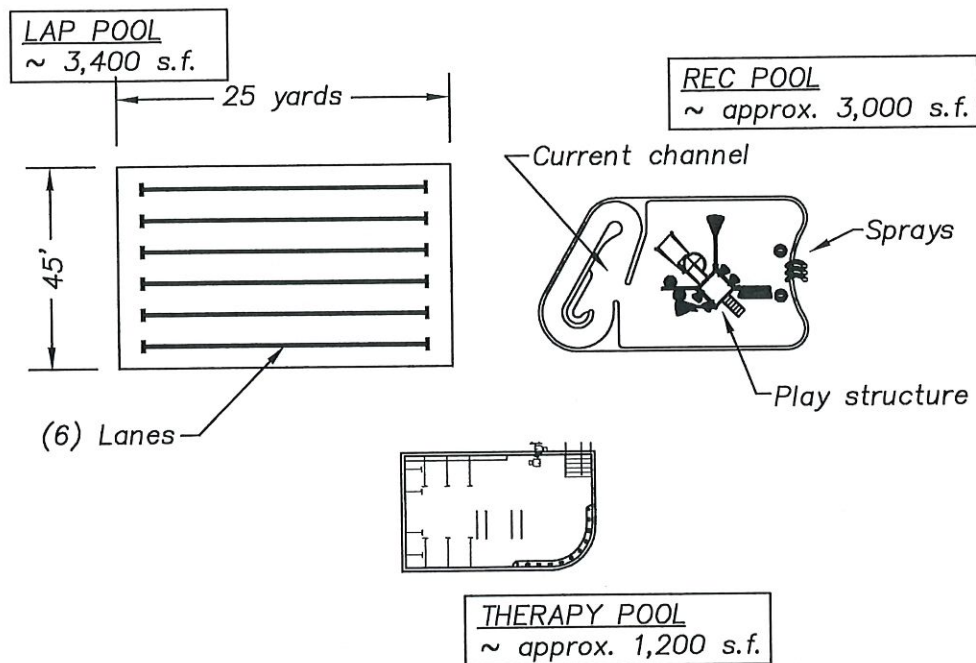
Total Pool Area = 12,900 sq. ft.
Water Temperature = 78 to 82 F.

OPTION 1



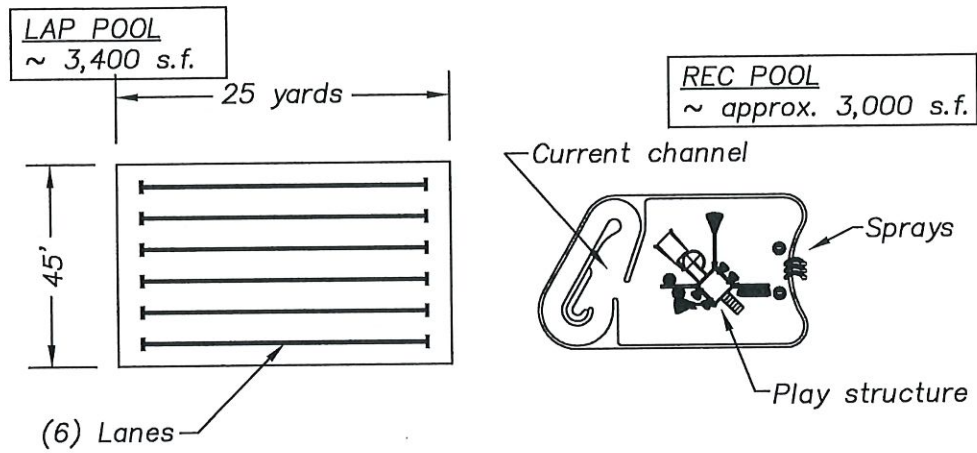
Total Pool Area = 7,400 sq. ft.
Water Temperature = 78 to 82 F.

OPTION 2



Total Pool Area = 7,600 sq. ft.
 Water Temperatures:
 Lap Pool = 84 to 88 F.
 Rec Pool = 86 to 90 F.
 Therapy Pool = 90 to 95 F.

OPTION 3



Total Pool Area = 6,400 sq. ft.
Water Temperatures:
Lap Pool = 84 to 88 F.
Rec Pool = 86 to 90 F.

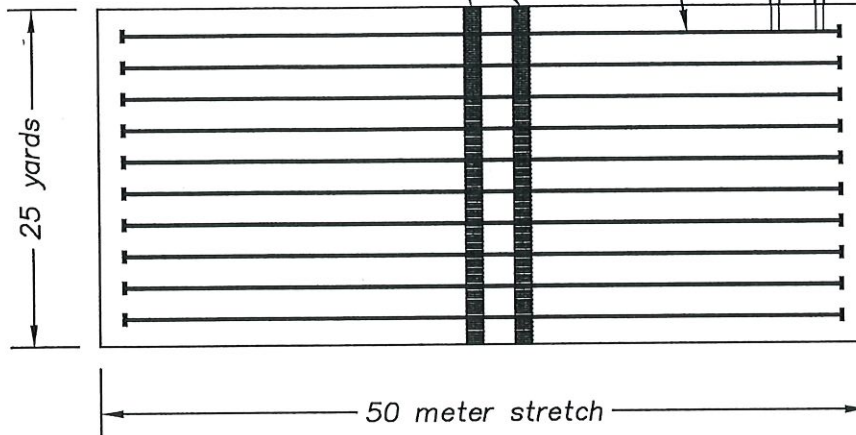
OPTION 4

50M POOL
~ 12,900 s.f.

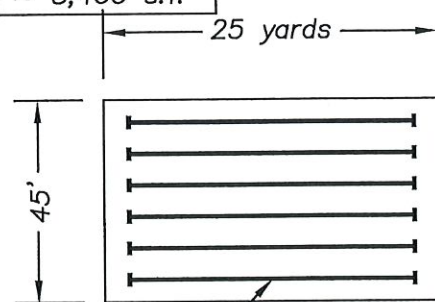
(2) 1 meter diving stands

(2) Movable bulkheads

(10) Lanes

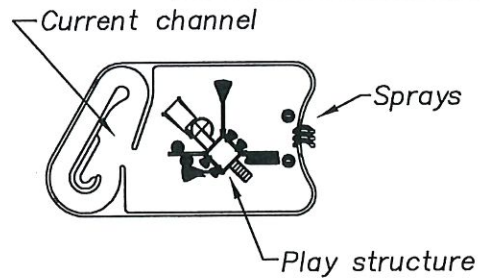


LAP POOL
~ 3,400 s.f.

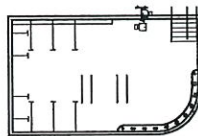


(6) Lanes

REC POOL
~ approx. 3,000 s.f.

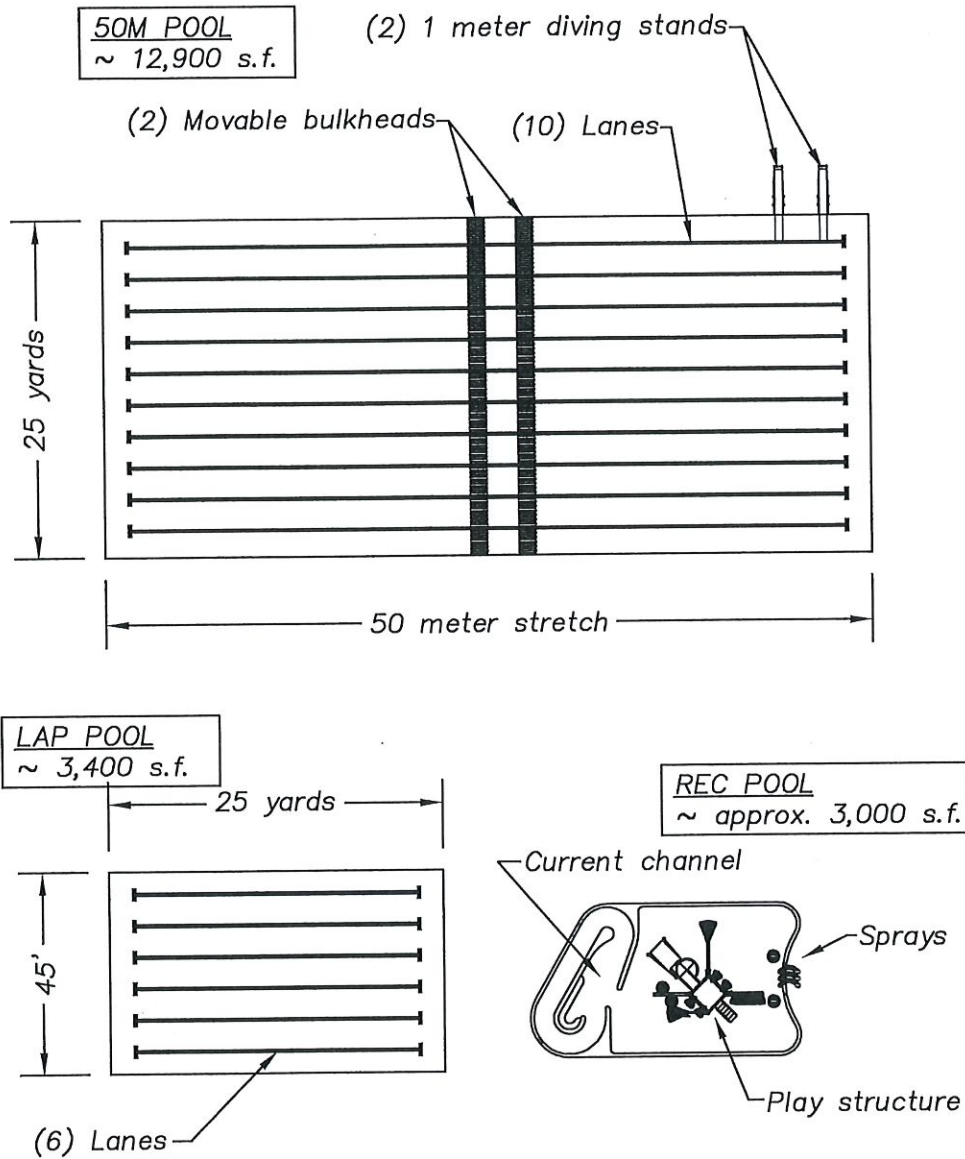


Total Pool Area = 20,500 sq. ft.
Water Temperatures:
50M Pool = 78 to 82 F.
Lap Pool = 84 to 88 F.
Rec Pool = 86 to 90 F.
Therapy Pool = 90 to 95 F.



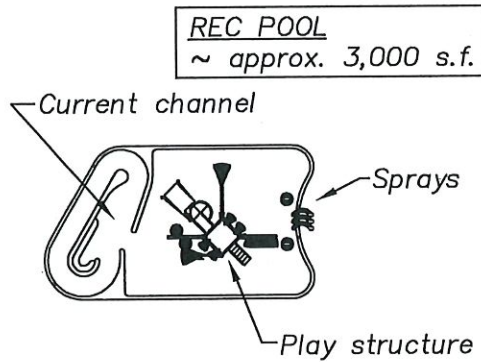
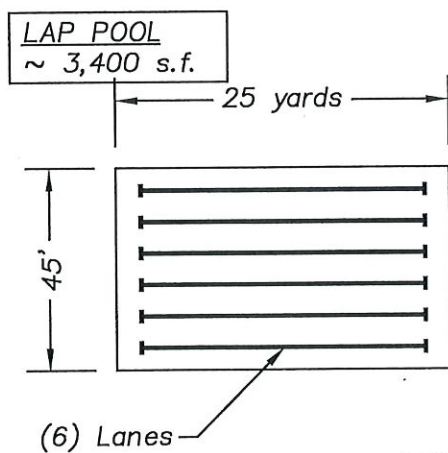
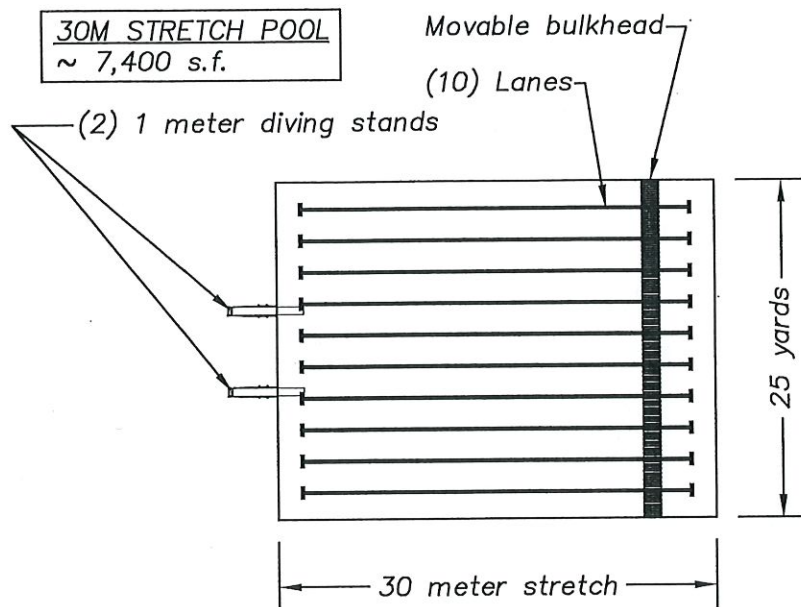
THERAPY POOL
~ approx. 1,200 s.f.

OPTION 5

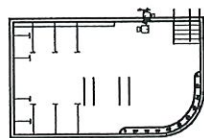


Total Pool Area = 19,300 sq. ft.
 Water Temperatures:
 50M Pool = 78 to 82 F.
 Lap Pool = 84 to 88 F.
 Rec Pool = 86 to 90 F.

OPTION 6

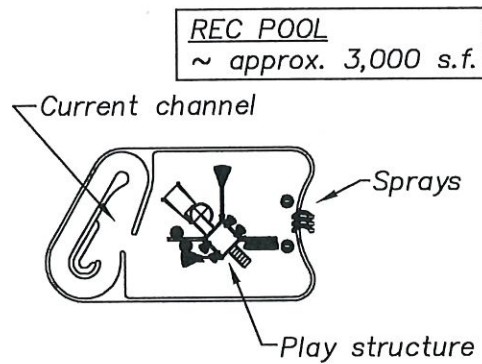
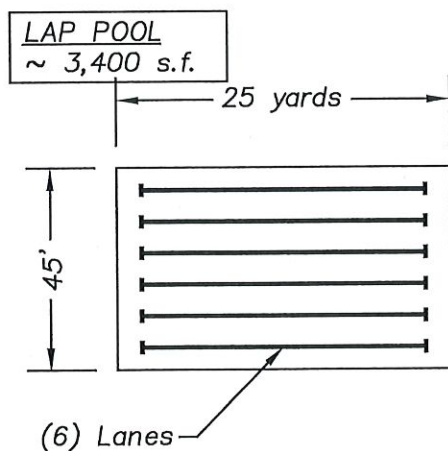
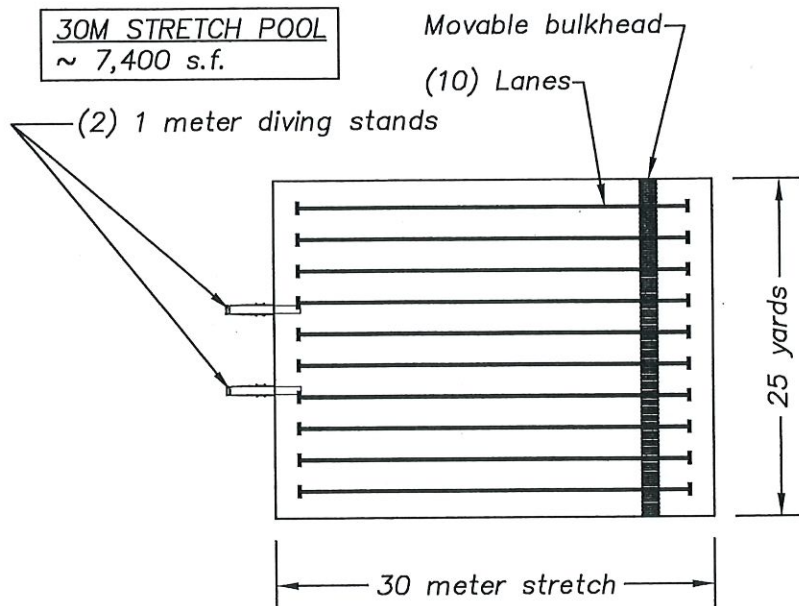


Total Pool Area = 15,000 sq. ft.
Water Temperatures:
30M Stretch Pool = 78 to 82 F.
Lap Pool = 84 to 88 F.
Rec Pool = 86 to 90 F.
Therapy Pool = 90 to 95 F.



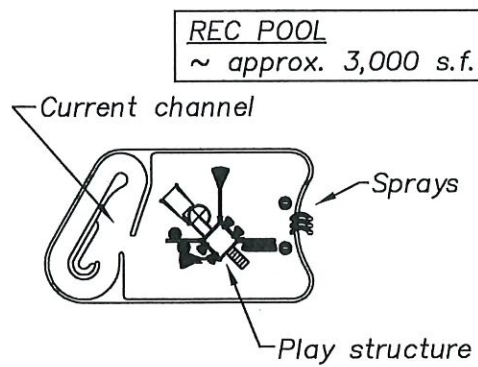
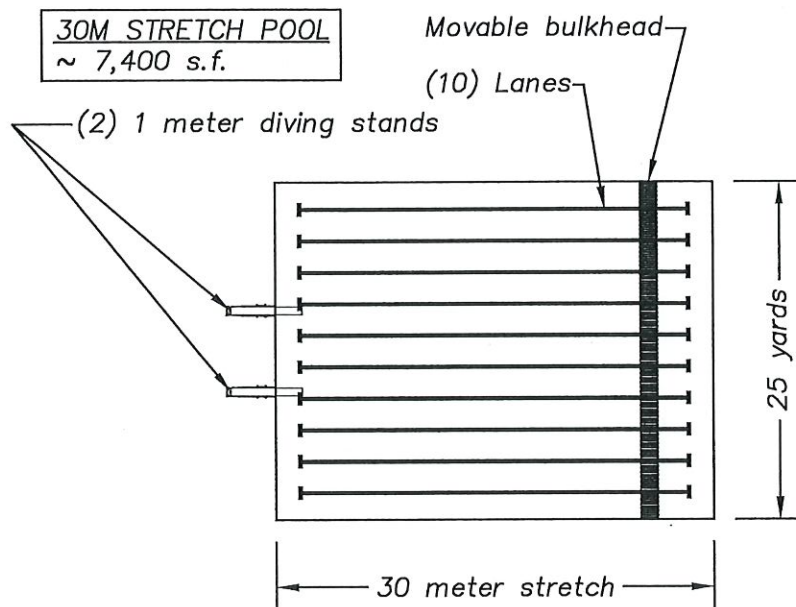
THERAPY POOL
~ approx. 1,200 s.f.

OPTION 7



Total Pool Area = 13,800 sq. ft.
Water Temperatures:
30M Stretch Pool = 78 to 82 F.
Lap Pool = 84 to 88 F.
Rec Pool = 86 to 90 F.

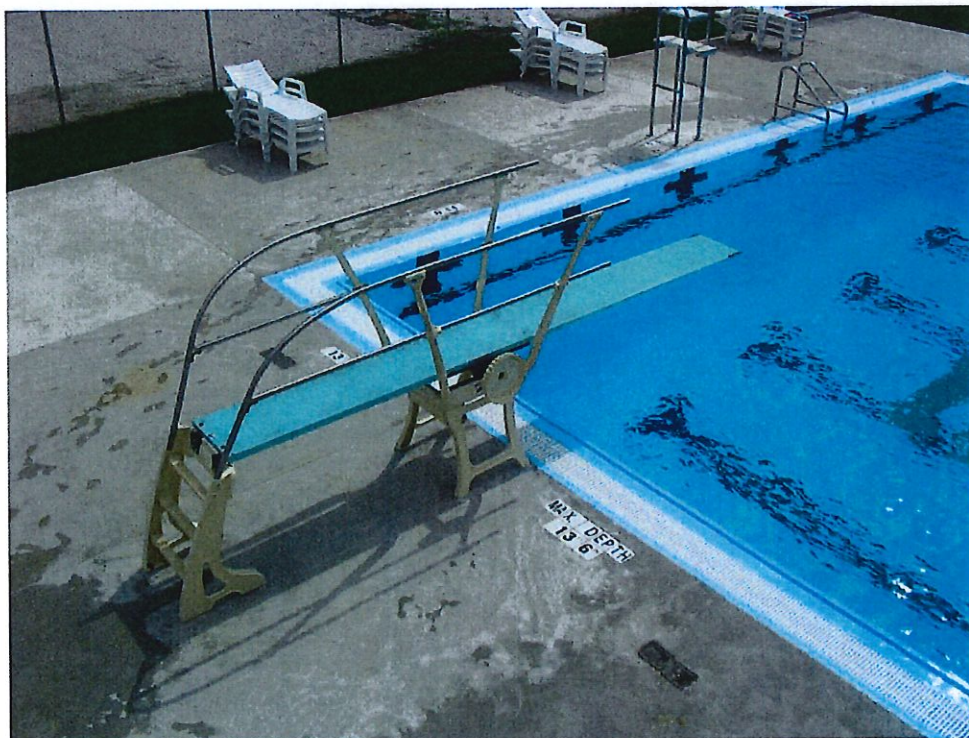
OPTION 8



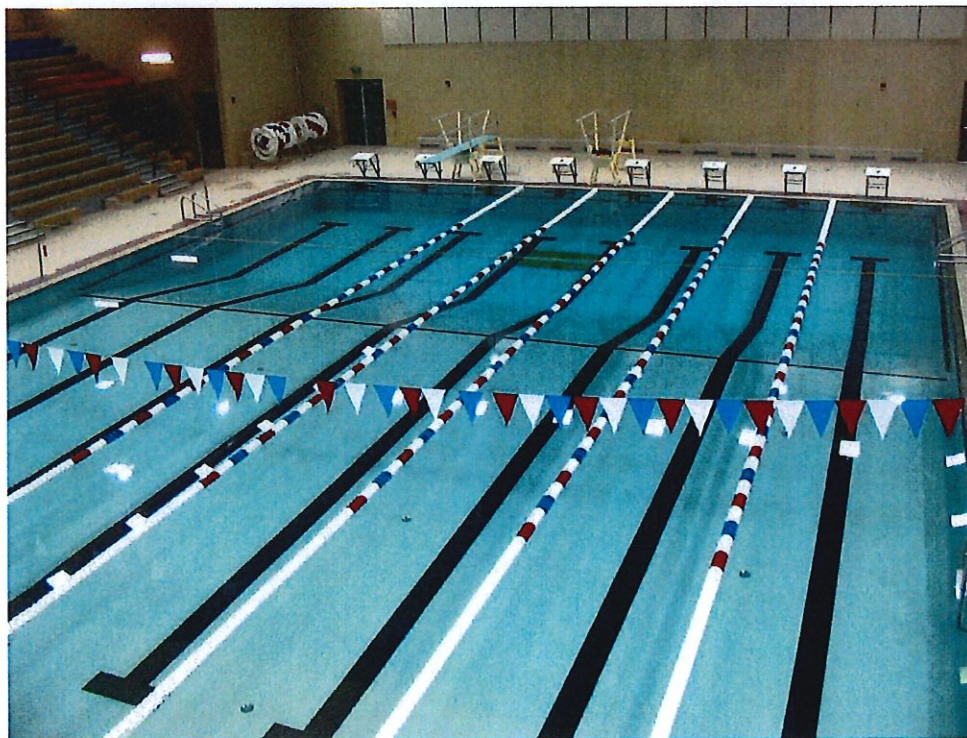
Total Pool Area = 10,400 sq. ft.
Water Temperatures:
30M Stretch Pool = 78 to 82 F.
Rec Pool = 86 to 90 F.

OPTION 9

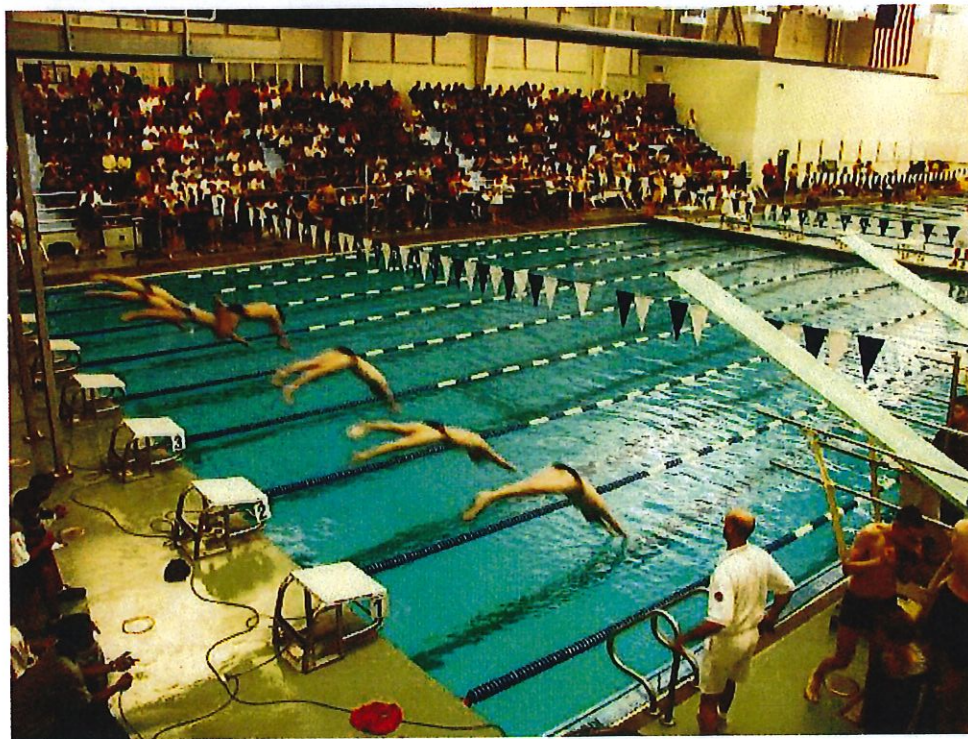
Example Photographs of the Pool Types



Diving



Short Course Competition



Long Course Competition



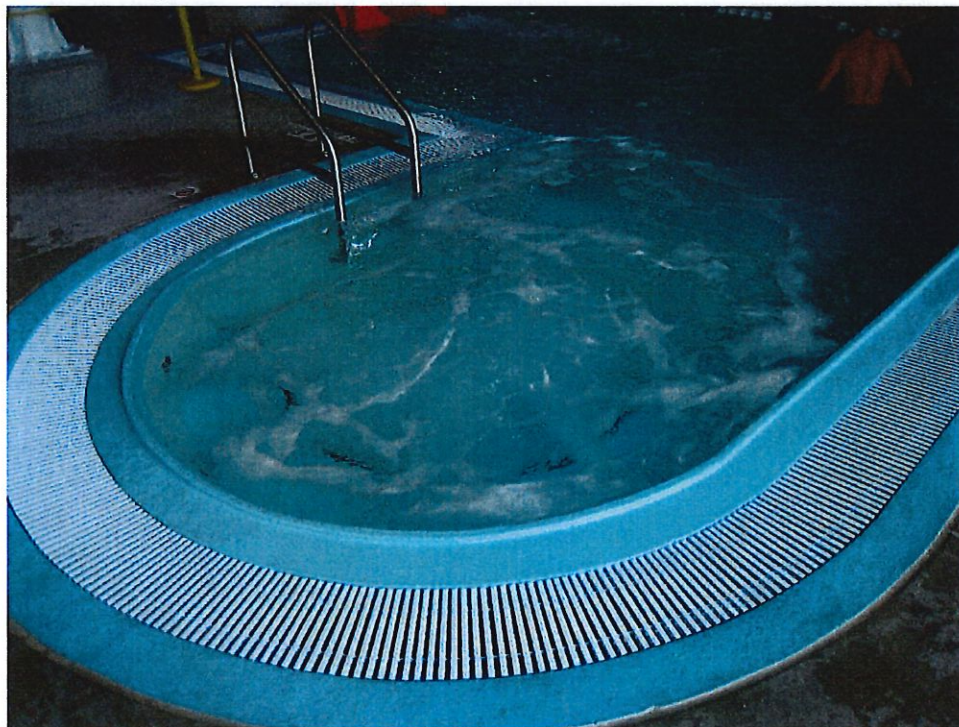
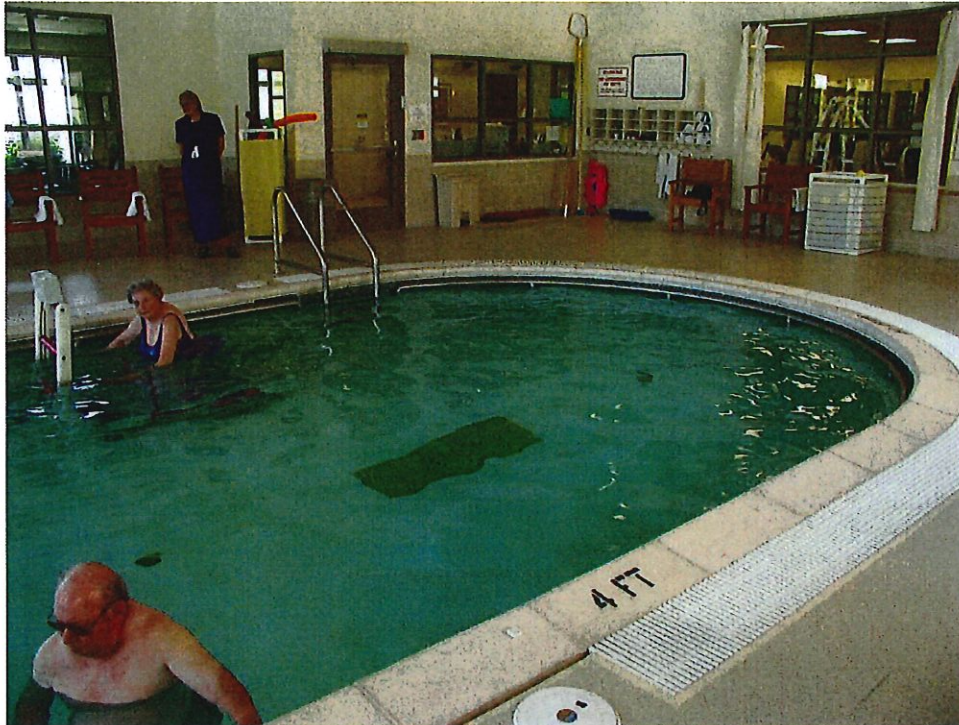
Current Channels



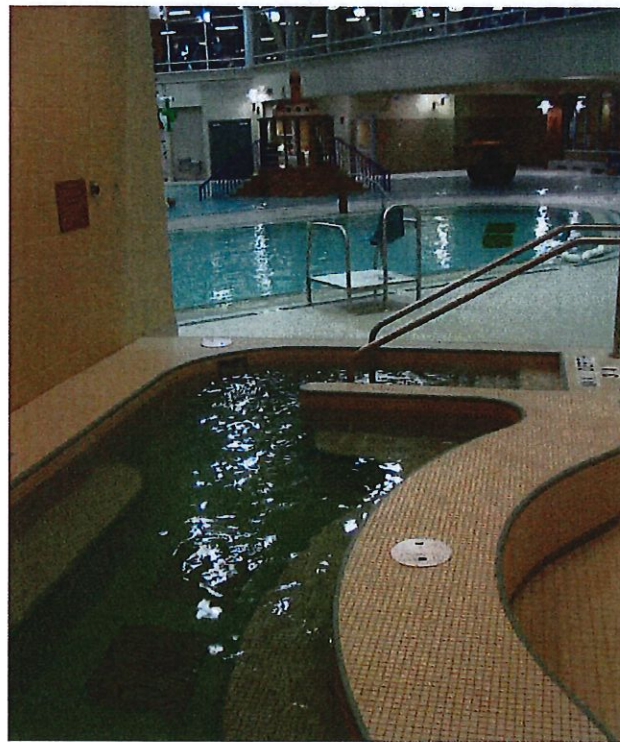
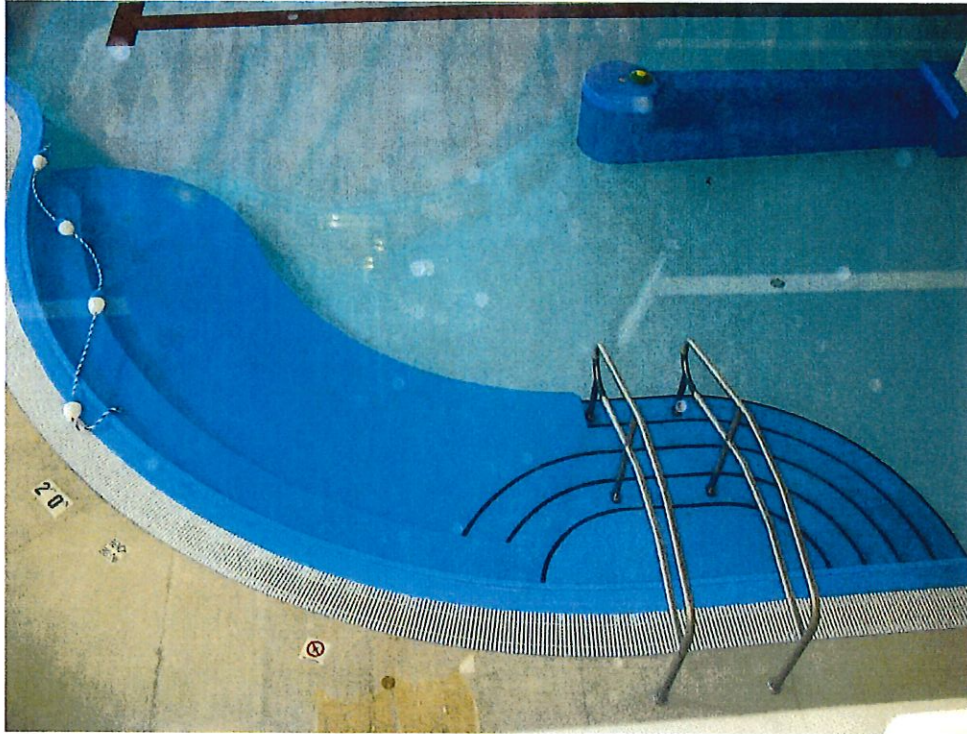
Recreation Areas



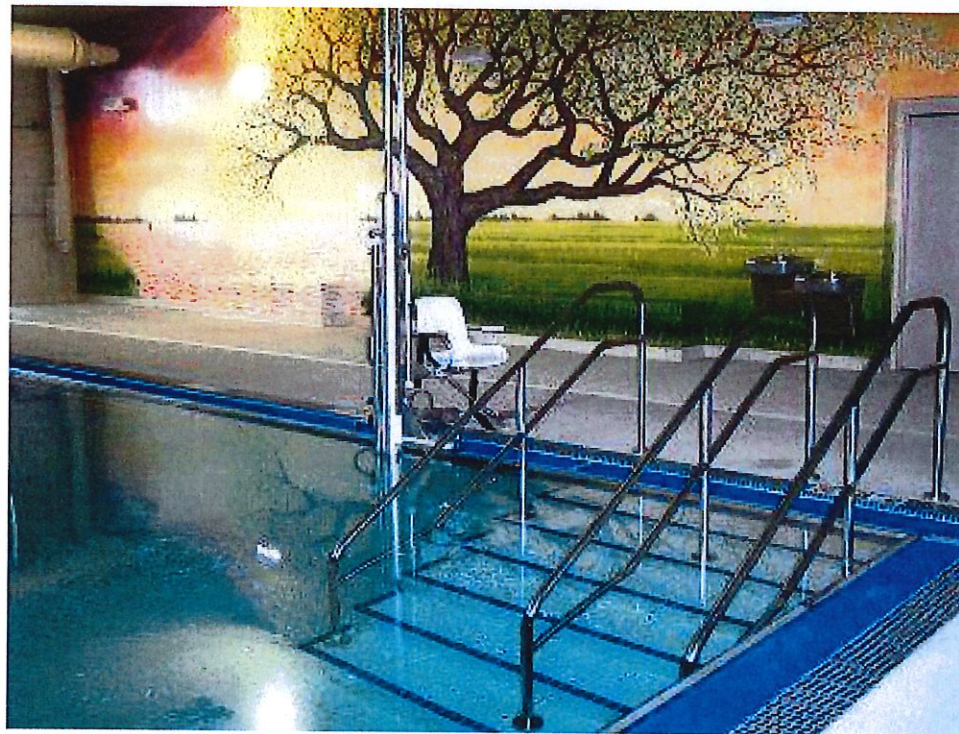
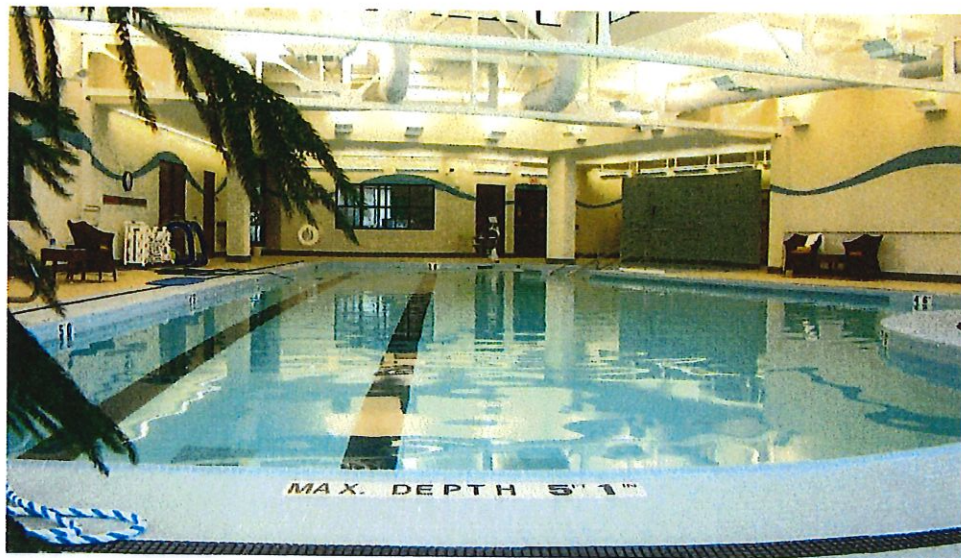
Zero Depth Entry



Therapy Pools



Therapy Pools



Therapy Pools

Item Number: 2.c
Meeting Date: 8/2/2018
Item Type: REPORTS

AGENDA REQUEST FORM
GEORGETOWN COUNTY COUNCIL



DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Purchase of .89 acre site adjacent to Murrells Inlet Community Center for development of additional parking space and addition of children's play area.

CURRENT STATUS:

.89 acre site located adjacent to Murrells Inlet Community Center on Murrells Inlet Road is for sale. This site currently contains a residential structure.

The property is available for \$350,000.

POINTS TO CONSIDER:

Acquisition of this parcel would permit development of additional parking adjacent to the Murrells Inlet Community Center. Space could also be allocated for installation of a children's playground area.

FINANCIAL IMPACT:

The .89 acre parcel is currently available for \$350,000.

Site preparation to enable use for parking and play area would require demolition of exiting structure(s).

Cost estimates for conceptual parking and play areas are included within attached report.

All cost estimates are conceptual in nature. Pricing and site development may be impacted by environmental assessment of site.

Total cost of project is estimated to be \$600,000

OPTIONS:

Consider purchase of site for development of parking and play area and/or other uses as desired.

STAFF RECOMMENDATIONS:

1. Obtain/commission environmental assessment of site and survey information required to determine potential usable land and suitability to desired purposes. This data will permit Council to make informed decisions with regard to land acquisition as well as assisting with actual project cost estimation.

ATTACHMENTS:

Description

Type

- ▢ MICC Play Unit Examples Backup Material
- ▢ 2018 Murrells Inlet Community Center Parking Expansion & Park Development Report Backup Material

EXAMPLES OF PLAY UNITS IN \$25,000-39,000 PRICE RANGE

Play surfacing, perimeter border, fencing, furnishings, etc. are not included in play equipment pricing.





Project Overview

MURRELLS INLET COMMUNITY CENTER PARKING EXPANSION & PARK DEVELOPMENT

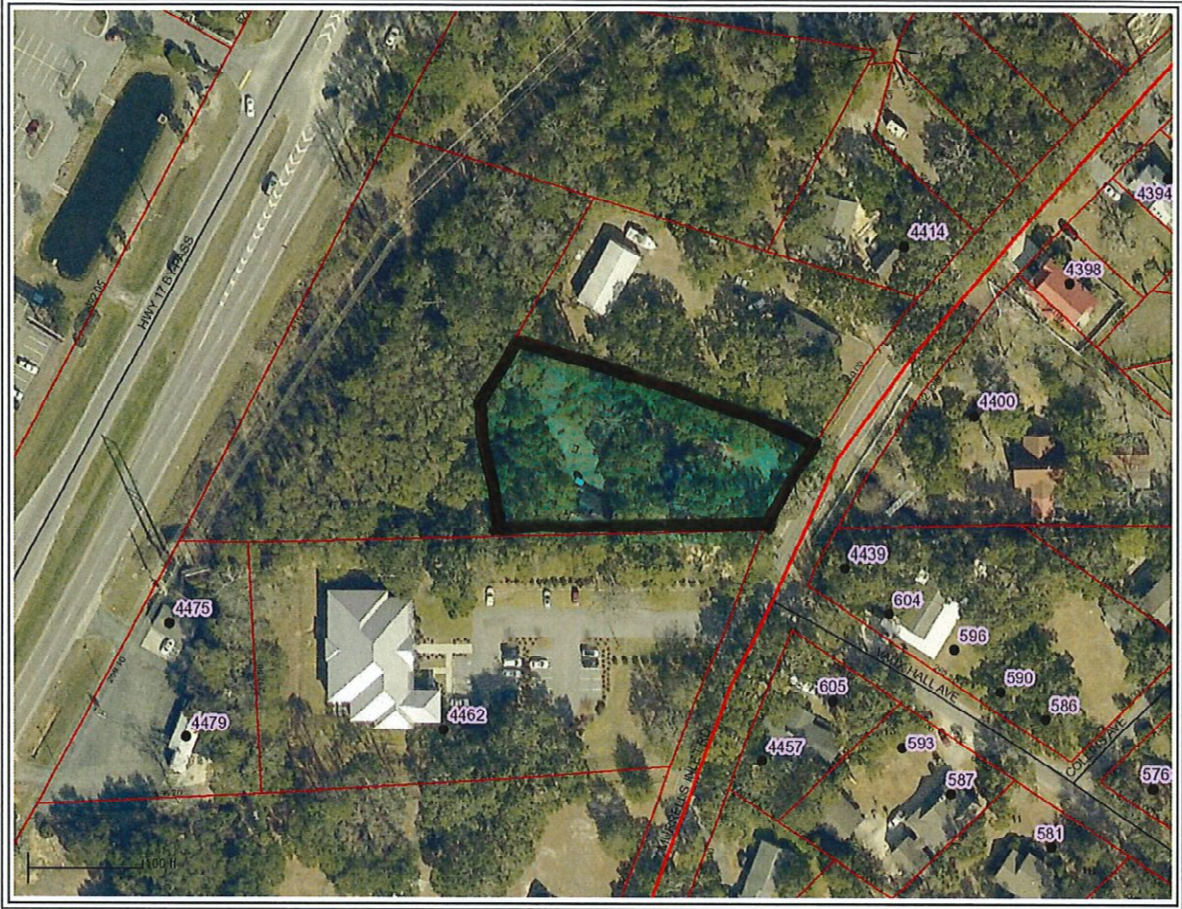
Scope

Acquire .89 acre parcel located adjacent to Murrells Inlet Community Center for parking expansion and development of children's play area.

Land Acquisition	\$350,000	
Parking Development		
Demolition of existing structure	\$20,000 - 40,000	(Cost depending upon environmental assessment of structure(s))
Parking Lot (64 spaces)	\$138,240	2/3 of site = 25,845 square ft. / 400 sq. ft. per space = 64 spaces. Cost estimate assumes asphalt parking lot at cost of \$4.50 per square foot for asphalt + \$6.75 per square foot for all other associated parking lot costs (design, permitting, engineering, testing, landscape, etc.)
Play equipment Area	\$42,000 +	2500 square foot playground Play equipment cost \$25,000 + Site prep, surfacing & borders \$10,000 + Fencing 2500 square ft. \$7,000
PROJECT COST ESTIMATE	\$550,240 +	



Approx. 2500 square feet / equipment example



Item Number: 2.d
Meeting Date: 8/2/2018
Item Type: REPORTS

AGENDA REQUEST FORM
GEORGETOWN COUNTY COUNCIL



DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

A. Provide cost estimate for providing perimeter fencing along community park walking trails where trails run parallel to wooded property.

B. Provide cost estimate for acquisition and installation of exercise stations along walking trails at each community park.

C. Provide cost estimate for purchase of N. Santee Park Field. The approximately 3.5 acre field complex is currently owned by the North Santee Auxillary Club with the exception of a small parcel including home plate which is owned by Louise Baker.

CURRENT STATUS:

Thirteen (13) Community Parks are located within Georgetown County. Each of these parks contains a standardized list of amenities provided and maintained by Georgetown County. Additional components have/may be provided through partnership with various groups and individuals.

POINTS TO CONSIDER:

Exercise Stations

East Bay Park and Stables Park have exercise stations installed adjacent to walking trails. Both of these projects were provided through partnership with outside groups/funders.

East Bay project was funded by Leadership Georgetown.

Stables Park project was funded by Pawleys Island / Litchfield Rotary Club

N Santee Field

This field complex is currently owned by N. Santee Auxillary Club and Louise Baker.

FINANCIAL IMPACT:

Cost estimates and details are included within attached report.

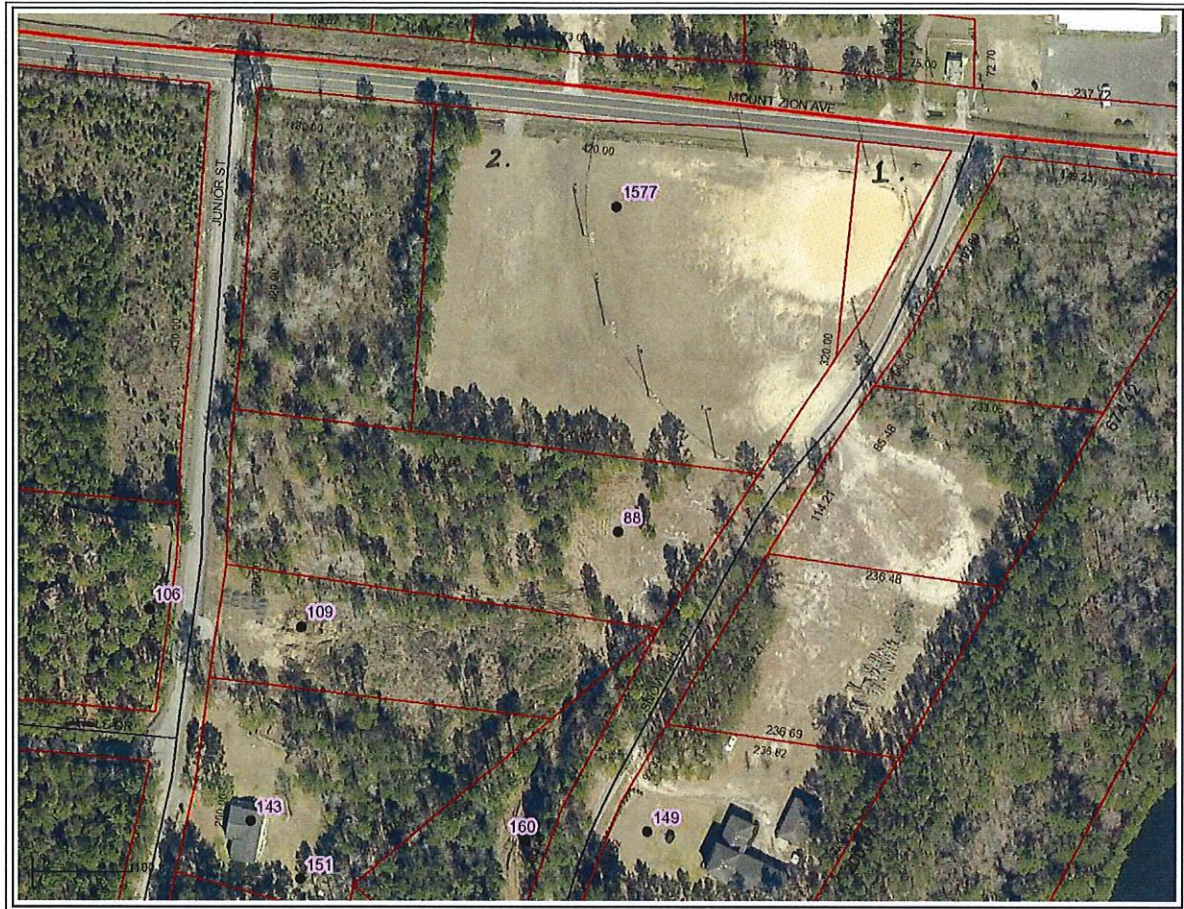
ATTACHMENTS:

Description	Type
☐ East Bay Exercise Station Project	Backup Material
☐ 2018 CIP N Santee Field	Backup Material
☐ 2018 CIP Community Park Enhancements	Backup Material

EXERCISE STATION EXAMPLES – EAST BAY PARK PROJECT



N. Santee / Property Acquisition



1. Louise Baker

2. N. Santee Aux. Club

Fencing: \$8900-16,150 depending upon scope

	Region	Facility	Location	Average (maintained)	Exercise Stations (5 with concrete & installation)	FENCING REQUIRED	Fencing Cost Estimate
COMMUNITY PARKS							
	NW	Annie Village Park	367 Genesis Rd	6.5	22,437.00	1,408.00	19,712
	NW	Dunbar Park	1960 Dunbar Rd	8.5	22,437.00	1,489.00	20,846
	NW	Knox Swamp	421 Kearson Drive	7	22,437.00	n/a	
	A	Lambertown	1540 Dawhoo Lake Rd	8	22,437.00	1,200.00	16,800
	NW	Lanes Creek	6657 Johnson Rd	5	22,437.00	1,200.00	16,800
	A	N. Santee Park	1484 & 1577 Mount Zion	5	22,437.00	1,200.00	16,800
	NW	Oatland	Oatland Rd	6.5	22,437.00	800.00	11,200
	A	Oceda	3652 County Line Rd	5	22,437.00	1,400.00	19,600
	NW	Pee Dee	11277 Carver's Bay Rd	10	22,437.00	1,000.00	14,000
	A	Sampit	99 Powell Rd	7	22,437.00	1,400.00	19,600
	NW	Plantersville Park	180 Jackson Village	5.8	22,437.00	1,700.00	23,800
	NW	St Paul	1520 Bromell Rd	5	22,437.00	n/a	
	NW	St Luke	245 Ritch Ln	8	22,437.00	1,800.00	25,200
					291,681.00		204,358

Annie Village



Dunbar



An aerial photograph of a 3.28-acre property, outlined in red. The property contains two yellow circular features, a building, and a paved area. Surrounding the property are various other features, including a road labeled '1452', a road labeled '1487', a road labeled '1491', a road labeled '1501200', and a road labeled '1565'. A scale bar at the bottom left indicates 1200 feet. The map also shows a road labeled '1452' and a road labeled '1487'.

An aerial photograph showing a residential area with property boundaries outlined in red. Johnson Rd runs vertically on the right side of the image. Lot 6595 is a large, mostly wooded parcel on the left. To its right is a large, cleared, reddish-brown area. Further right are several smaller lots, including lot 6657, lot 6730, and lot 7275. Lot numbers and dimensions are labeled on the map.

N. Santee







Pee Dee



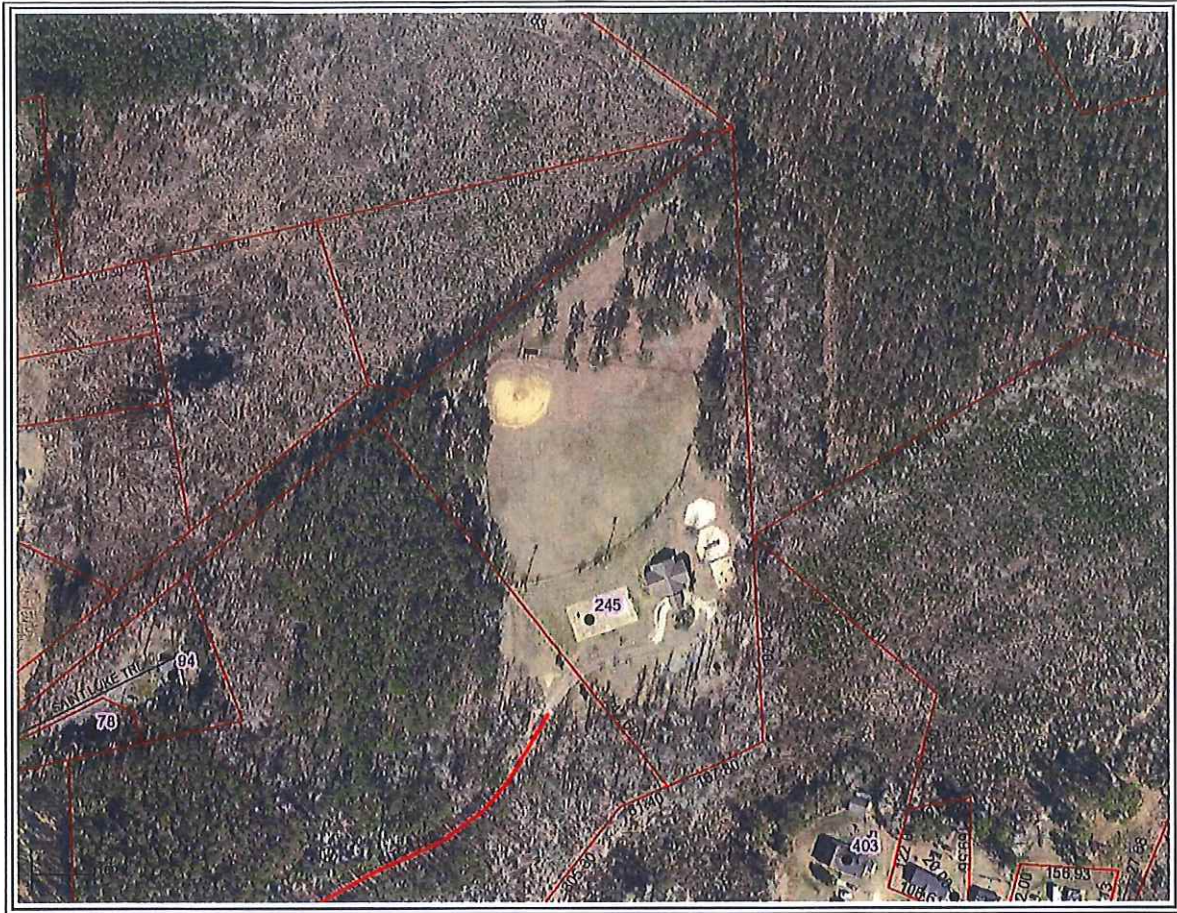
Plantersville



St. Paul



St. Lake



Item Number: 2.e
Meeting Date: 8/2/2018
Item Type: REPORTS

AGENDA REQUEST FORM
GEORGETOWN COUNTY COUNCIL



DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Corridor Companion Study

CURRENT STATUS:

A transportation study of the Waccamaw Neck Corridor is currently being conducted by GSATS. A proposed land use planning study pursued by the County will serve as a companion study or parallel study that will inform and help shape the county's transportation needs. Transportation needs don't develop in a vacuum; they are a result of development patterns that a community chooses to implement. The way the community grows determines in large measure the way people move through it and, consequently its transportation needs.

POINTS TO CONSIDER:

The County will seek to identify a planning firm that can provide, within the general geographic boundaries established for the GSATS study, the following deliverables:

- In depth review of current land use patterns on the Waccamaw Neck.
- In depth review of current zoning ordinances and zoning designations as they have been adopted throughout the Waccamaw Neck.
- Significant public input (incorporating needs expressed by the citizens and building on the consultant's expertise)
- Potential development of additional or revised regulations

It is important that the work of this study be undertaken in coordination with the transportation component of the Waccamaw Neck Corridor Study, and the revisions of the County Comprehensive Land Use Plan that are both underway.

The companion study would work to comprise land use modeling to include typical layouts of urban and residential areas fronting on or near Highway 17, location and typical design of pedestrian and bikeway crosswalks, and collaboration with the Transportation Consultant to confirm community input and findings are integrated into the Transportation Component of the Highway 17 Corridor Study.

FINANCIAL IMPACT:

This study is estimated to cost \$200,000

OPTIONS:

1. Conduct this planning study in conjunction with the US 17 Corridor Transportation Study
2. Do not conduct this study.

STAFF RECOMMENDATIONS:

If this study is to be undertaken by Council, action needs to be taken quickly in order to insure the coordination with the US 17 Corridor Transportation Study.

Item Number: 2.f
Meeting Date: 8/2/2018
Item Type: REPORTS

AGENDA REQUEST FORM

GEORGETOWN COUNTY COUNCIL



DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Georgetown County's Bike Path Master Plan benefits pedestrian and bicycling residents along with vacationers, providing access to beaches, parks, restaurants, shops, and services while providing an environmentally advantageous alternative to vehicular traffic and resultant congestion.

Extension of our existing bike paths with their well-documented high usage, will enable us to provide even greater service to our community, both now and in the future.

CURRENT STATUS:

Georgetown County currently contains numerous paths for both pedestrians and bicycle travel. The Bike The Neck organization has been instrumental in developing 12 miles of bicycle trails and shared road paths along the Waccamaw Neck. Future connections are needed on the Neck and in other areas throughout the County to facilitate more walkable communities for residents, reduce traffic congestion on major thoroughfares, encourage tourism from recreational riders and promote a healthier and safer lifestyle. The future connections are based on proximity to commercial centers, neighborhoods and public uses and subsequently prioritize future projects based on safety, interconnectivity, usage and community support.

POINTS TO CONSIDER:

Extending the existing paths at the 10-foot width is both reasonable and judicious so that we can accommodate both types of outdoor recreation enthusiasts.

Additionally, the 10-foot path is required by both SCDOT and PRT Grants, which we seek to acquire to fund, in part, for related projects. On locations that are not bike paths currently, we recommend constructing 10-foot sidewalks to accommodate both types of users.

FINANCIAL IMPACT:

Please see the attached cost estimate which provides both a best- and worst-case scenario.

In the best case, we are basing our numbers on an actual county contract from 2012, adjusted by the inflation rate, which provides us with the present value for the work. This cost comes to **\$170 per linear foot** and includes design, inspection, permitting, and easement acquisitions.

In the worst case, should we encounter drainage issues that require us to construct underground drainage systems, it may add approximately \$60 per square foot. The permanent and temporary easements that may be required to improve drainage systems could bring this cost to **\$230 per linear foot**.

Potential grant sources for related bike path projects include:

- Highway Enhancement Grant

- SCPRT Recreational Trails Grant
- Safe Route to Schools
- BUILD Grant

OPTIONS:

- 1) Allocate funding for bike path expansion, or
- 2) Decline to allocate funding.

ATTACHMENTS:

Description	Type
▣ Exhibit A: Cost Estimate	Backup Material
▣ Exhibit B: Unit Cost Estimate	Backup Material
▣ Exhibit C: Maps	Backup Material



GEORGETOWN COUNTY
DEPARTMENT OF PUBLIC SERVICES
 DIVISION OF ENGINEERING & CAPITAL PROJECTS
 1918 Church St. Georgetown, SC 29440



Appendix A
Conceptual Cost Estimate
County Bike Master Plan
August 1, 2018

Georgetown County Bike Master Plan - Conceptual Cost Estimate						
Map Reference	Section # From Master Plan	Location	Length	Path Cost	Drainage Improvements (If required)	Total
Sheet C-01 (Pawleys Island)	1	Waverly Rd to 17	7,810	\$ 1,327,700	\$ 468,600	\$ 1,796,300
	2	Petigru (Tiller to Waverly)	5,250	\$ 892,500	\$ 315,000	\$ 1,207,500
	3	Grate Ave from Petigru	1,425	\$ 242,250	\$ 85,500	\$ 327,750
	4	MLK from Waverly	7,722	\$ 1,312,740	\$ 463,320	\$ 1,776,060
	5	Petigru (Tiller to MLK)	4,568	\$ 776,560	\$ 274,080	\$ 1,050,640
	6	Recreation Dr to MLK	4,402	\$ 748,340	\$ 264,120	\$ 1,012,460
	7	HWY 17 to Hobcaw	41,700	\$ 7,089,000	\$ 2,502,000	\$ 9,591,000
	8	Kings River Rd from Waverly	13,645	\$ 2,319,650	\$ 818,700	\$ 3,138,350
	9	South Causeway from 17	6,418	\$ 1,091,060	\$ 385,080	\$ 1,476,140
	10	North Causeway from 17	2,221	\$ 377,570	\$ 133,260	\$ 510,830
Sheet C-02 (Murrells Inlet)	11	Trace to Boyle	3,000	\$ 510,000	\$ 180,000	\$ 690,000
	12	Litchfield Oaks to Country Club Dr	2,030	\$ 345,100	\$ 121,800	\$ 466,900
	13	Hawthorn Dr to Kings River	10,410	\$ 1,769,700	\$ 624,600	\$ 2,394,300
	14	Litchfield Dr East of 17 to Sportsman Dr and West to Hawthorn	2,879	\$ 489,430	\$ 172,740	\$ 662,170
	15	Old Kings Rd to Wachesaw	6,028	\$ 1,024,760	\$ 361,680	\$ 1,386,440
	16	Wachesaw to Marina	10,820	\$ 1,839,400	\$ 649,200	\$ 2,488,600
	17	Old Kings from County Park to 707	2,622	\$ 445,740	\$ 157,320	\$ 603,060
Sheet C-03	18	HWY17 South (City of Georgetown)	54,600	\$ 9,282,000	\$ 3,276,000	\$ 12,558,000
Sheet C-04	19	Plantersville Rd Western portion	63,720	\$ 10,832,400	\$ 3,823,200	\$ 14,655,600

- Notes:**
- Section # is referenced to the County's Strategic Bike Master Plan
 - A bike path width of 10' was used for all estimates, as this width is required by SCDOT and PRT.
 - Reference Unit Cost Estimate-Appendix B

Unit Cost Summary		
Item	Unit	Cost
10' Asphalt Multiuse Path	Linear Foot	\$ 170
Drainage (If required)	Linear Foot	\$ 60



GEORGETOWN COUNTY
DEPARTMENT OF PUBLIC SERVICES
 DIVISION OF ENGINEERING & CAPITAL PROJECTS
 1918 Church St. Georgetown, SC 29440



APPENDIX B

Unit Cost Estimate – 10' Wide Bike Path (Asphalt)

DATE: July 30, 2018

BY: ECP

Re: Email from Councilman Goggans

“Costs for simply doing a bike path/sidewalk is about \$26/ Square yard according to my sources. That includes \$1.00/S Y for clearing, \$6.00/SY for grubbing and hauling debris, \$8 .50/sy for base, \$1.00/sy for compaction, and \$10/sy for asphalt. Concrete is a little more, but also more durable. I would plan on a minimum multi- purpose path width of 8 feet. Ten is ideal and 6 feet a little to narrow. Where road right of ways are too narrow, we could consider widening the asphalt to provide a bike/walking lane as was done in MI. I would add some sort of contingency number for supplemental drainage.”

Summary: Table 1 below summarizes the unit costs from several bid and estimated projects.

Table 1 Bike Path Unit Cost Research (10' Wide)						
No.	DESCRIPTION	Bid or Estimate	Cost Per LF	Cost Per SF	Cost Per SY	Notes
1	Kings River Road Bike Path	Actual Bid Cost-2012	\$ 143.60		\$ 141.42	Excludes Design, Permitting
2A	Marshwalk Concrete Sidewalk - 1C	Actual Bid Cost-2017		\$ 9.60	\$ 86.37	Excludes Design, Permitting, Demo, Drainage
2B	Marshwalk Concrete Sidewalk - 1E South	Actual Bid Cost-2017		\$ 11.12	\$ 100.10	Excludes Design, Permitting, Demo, Drainage
2C	Marshwalk Concrete Sidewalk - 1E North	Actual Bid Cost-2017		\$ 6.19	\$ 55.67	Excludes Design, Permitting, Demo, Drainage
2D	Marshwalk Concrete Sidewalk - 3D	Actual Bid Cost-2017		\$ 6.59	\$ 59.28	Excludes Design, Permitting, Demo, Drainage
3	Bike Link	Estimate	\$ 97.95		\$ 88.16	Excludes Design, Permitting, Wetlands, Easements
4	BUILD Grant Application	Estimate	\$ 170.00		\$ 153.00	Includes Design & 10% Contingency
5	Unit Price Concrete (Material Only)	State Contract			\$ 14.52	Concrete Material Only, per State Contract. Excludes, stone base, installation and all other costs.

Summary: Per the above table, we believe that the actual total cost will be **in the \$141/SY to \$153/SY range** for a 10' wide asphalt bike path. This cost includes survey, design, permitting and construction. Wetlands mitigation costs are not included. **If substantial drainage improvements are required, we recommend adding an additional \$60/LF of bike path.**

Also, the minimum width is 8'. For grant funding, a width of 10' is required by PRT.

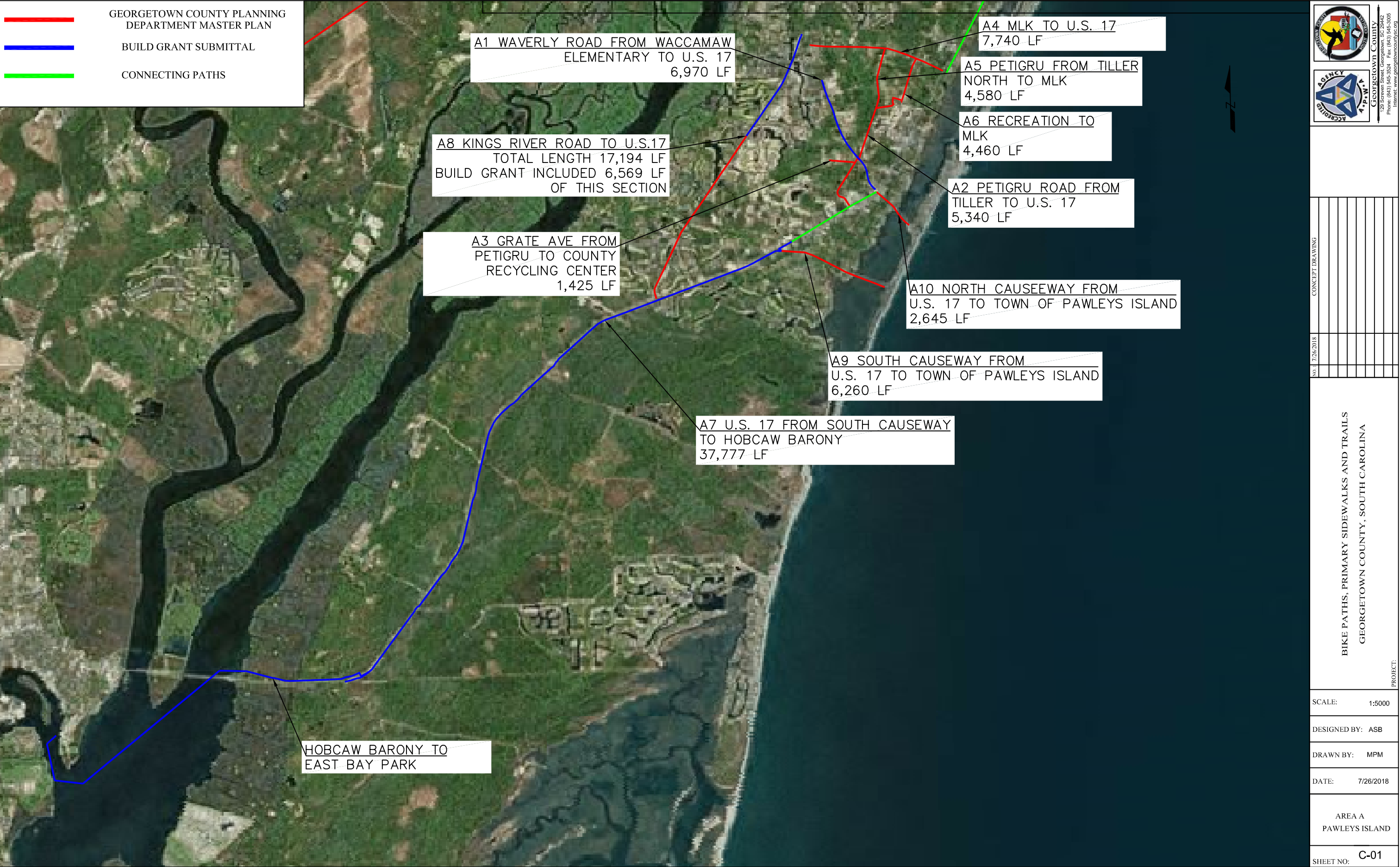
Unit prices for three of the costs are provided in the tables below.

Table 2		
Kings River Road - Unit Cost Per Bid		
Length	2.461	Miles
Length	12994	LF
Total Cost	\$ 1,492,752	
Unit Cost (Actual-8' Width)	\$ 114.88	\$/LF
Unit Cost (Extrapolated-8' Width)	\$ 143.60	\$/LF
Width	8	Ft
Unit Cost (2013)	\$ 129.24	\$/SY
Unit Cost (2018 CPI Adjusted)	141.42	\$/SY

Table 3		
Concrete Material Only		
Phase	Amount	Unit
Cost per CY (\$125+\$7 Fiber)	\$ 132.00	\$/CY
Thickness	4	Inches
Unit Cost	\$ 14.52	\$/SY

Table 4 CONSTRUCTION COST ESTIMATE					
NORTH-SOUTH BIKE LINK (TRACE DR. TO BOYLE DR.)					
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1031000	MOBILIZATION	LS	1	\$ 7,500	\$ 7,500
1050800	CONSTRUCTION STAKING	LS	1	\$ 2,500	\$ 2,500
1071000	TRAFFIC CONTROL (Boyle & Trace)	LS	1	\$ 2,500	\$ 2,500
1090200	AS-BUILT CONSTRUCTION PLANS	LS	1	\$ 2,000	\$ 2,000
2011000.1	CLEARING & GRUBBING-GENERAL SITE	ACRE	1.6	\$ 8,000	\$ 12,800
2031000	UNCLASSIFIED EXCAVATION	CY	900	\$ 12	\$ 10,800
2081001	FINE GRADING	SY	7505	\$ 4	\$ 30,020
3050108	GRADED AGGREGATE BASE COURSE (6" UNIFORM)	Ton	1145	\$ 50	\$ 57,250
3069900	MAINTENANCE STONE	TON	10	\$ 40	\$ 400
4030350	HOT MIX ASPHALT SURFACE COURSE TYPE D	TON	274	\$ 115	\$ 31,510
6271015	8" WHITE SOLID LINES THERMOPLASTIC-125 MIL.	LS	1	\$ 1,000	\$ 1,000
6271025	24" WHITE SOLID LINES (STOP/DIAG LINES)-THERMO.-125 MIL.	LS	1	\$ 1,200	\$ 1,200
7141112	15" RCP CUL.-CLASS III	LF	80	\$ 30	\$ 2,400
8041020	RIP-RIP (CLASS B)	TON	10	\$ 120	\$ 1,200
8048105	GEOTEXTILE FOR EROSION CONTROL UNDER RIP-RAP (CLASS 2) TYPE D	SY	5	\$ 5	\$ 25
8101100	SELECT FILL MATERIAL	CY	550	\$ 15	\$ 8,250
8151203	HYDRAULIC EROSION CONTROL PRODUCT (HECP)-TYPE 3	ACRE	1.6	\$ 3,000	\$ 4,800
8153000	SILT FENCE	LF	2550	\$ 5	\$ 12,750
8156490	STABILIZED CONSTRUCTION ENTRANCE	SY	356	\$ 7	\$ 2,492
	PERMANENT SIGNAGE	EA	14	\$ 500	\$ 7,000

	RELOCATE CATCH BASIN	EA	1	\$ 2,500	\$ 2,500
	RELOCATE AIR RELEASE VALVE (ARV)	EA	1	\$ 1,000	\$ 1,000
Subtotal					\$ 201,897
Wetlands Portion (Include Concrete and Flowable Fill Exclude Asphalt and Base)					
2034000	MUCK AND REPLACE WITH COMPACTED FILL (1' DEPTH)	CY	500	\$ 30	\$ 15,000
2081001	FINE GRADING	SY	1210	\$ 4	\$ 4,840
7143630	30" RCP CUL.-CLASS III	LF	72	\$ 140	\$ 10,080
8041020	RIP-RIP (CLASS B)	TON	40	\$ 120	\$ 4,800
8048105	GEOTEXTILE FOR EROSION CONTROL UNDER RIP-RAP (CLASS 2) TYPE D	SY	20	\$ 5	\$ 100
8101100	SELECT MATERIAL	CY	300	\$ 15	\$ 4,500
8151203	HYDRAULIC EROSION CONTROL PRODUCT (HECP)-TYPE 3	ACRE	0.25	\$ 3,000	\$ 750
8153000	SILT FENCE	LF	528	\$ 5	\$ 2,640
	CONCRETE SURFACE	CY	2	\$ 150	\$ 300
	FLOWABLE FILL	CY	3	\$ 150	\$ 450
	Antiseep Collar	EA	2	\$ 1,600	\$ 3,200
Subtotal					\$ 46,660
Total					\$ 248,557
Contingency (20%)					\$ 49,711
Grand Total					\$ 298,268



Item Number: 2.g
Meeting Date: 8/2/2018
Item Type: REPORTS

AGENDA REQUEST FORM
GEORGETOWN COUNTY COUNCIL



DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Implement a pilot program to maintain the Garden City Beach from the Horry County Line to the first (impassable) groin to test its feasibility, using the model currently in use at the Litchfield Beaches in Georgetown County.

CURRENT STATUS:

Litchfield maintains its own beaches; Georgetown County has a limited beach maintenance program administered in part by Parks and Recreation at Garden City Beach.

POINTS TO CONSIDER:

Beach Maintenance for this pilot program includes:

- Trash pick up at each crossover on the dunes side;
- Trash pick up at all parking lots;
- Enforcement of the Beach Obstruction Ordinance (Attachment "A").

Minimal capital costs would be incurred in the first year, to construct wooden bins at the beach side and in the parking lots, to secure/hold the plastic trash cans.

FINANCIAL IMPACT:

A-tax funds would be used to support this beach-cleaning initiative.

Further, the project would go through the county procurement process, to make sure it meets Georgetown County standards of service and accountability.

The order of magnitude to implement the Garden City Beach Maintenance Plan Pilot Program is \$162,000 annually, with \$22,000 in capital outlay. (Detailed on Attachment "B")

OPTIONS:

- 1) Approve the Garden City Beach Maintenance Plan Pilot Program, or
- 2) Decline to approve the Garden City Beach Maintenance Plan Pilot Program.

ATTACHMENTS:

Description	Type
▣ EXHIBIT A "Prohibitions"	Ordinance
▣ Exhibit B: Cost Estimate	Backup Material
▣ Exhibit C: Litchfield Beach A-Tax '18	Backup Material

EXHIBIT "A"

Sec. 5.5-17. - Prohibitions.

(a) The following shall be prohibited:

- (1) *Vehicles prohibited.* Driving or operating any motor vehicle of any kind or nature upon the public beach within the county shall be unlawful; provided, that county vehicles operated while cleaning or working on the beach, county sheriff and emergency vehicles, and any other vehicles approved by a majority of the Georgetown County Council, shall be exempt from the application of this section.
 - (2) *Horses on beach.* Riding horses on the beach shall be unlawful from March 15 until September 15 of each year.
 - (3) *Sleeping on beach after midnight.* Sleeping by persons on public beaches between the hours of midnight and sunrise shall be unlawful.
 - (4) *Depositing refuse on beach or in water.* Throwing, depositing or causing or permitting to be thrown or deposited any glass, bottle, glassware, can, or pieces thereof, or any garbage, waste or refuse of any kind on the public beach or in the waters and lands adjacent to the public beach shall be unlawful.
 - (5) *Fishing creating unsafe conditions.* Baiting or fishing at any time by persons from the public beach in such a manner that will create an unsafe condition or hazard to bathers, swimmers, surfers and others in the water along the public beach shall be unlawful.
 - (6) *Litter.* Littering the public beaches with cans, bottles, paper or other materials shall be unlawful.
 - (7) *Nudity.* Appearing in the nude on any public beach by any person shall be unlawful.
 - (8) *Glass containers on the public beach.* Taking any glass bottle, drinking glass or other glass containers on any public beach shall be unlawful.
 - (9) *Obstructing free access.* It shall be unlawful for anyone to place any object, obstacle, barrier or materials on the beaches which would inhibit the free access and use of the public beaches of Georgetown County, or for individuals to loiter in or obstruct the public accesses to the beach.
- (b) Tents, canopies, beach chairs, kites, coolers, beach umbrellas and similar property are allowed on the beach after sunset only so long as such property is being attended to by the user.
- (c) Any similar property left on the beach after sunset shall be deemed abandoned and Georgetown County shall have the right to take possession of the property. The property shall then belong to, and be subject to disposal by, Georgetown County.
- (d) No personal property shall be located within twenty-five (25) feet of any emergency beach access or any turtle nest at any time.

(Ord. of 8-23-88, § 2; Ord. No. 95-27, 8-22-95; Ord. No. 2009-74, 11-10-09)

Cross reference— Littering, § 11-5.



GEORGETOWN COUNTY
DEPARTMENT OF PUBLIC SERVICES
DIVISION OF ENGINEERING & CAPITAL PROJECTS
1918 Church St. Georgetown, SC 29440



Appendix B
Conceptual Cost Estimate
Garden City Beach Services
August 1, 2018

In order to estimate the annual operational service cost for Garden City Beach, the current funding of Litchfield Beach services was used as a basis for extrapolation as summarized below.

Table 1 A-Tax Litchfield Beach Service Contract Historical Funding Summary LBPOA			
Year	Spring	Fall	Total
2018			\$ 61,500
2017	\$ 51,000		\$ 51,000
2016	\$ 60,000	\$ 7,187	\$ 67,187
2015	\$ 56,910	\$ 2,488	\$ 59,398
2014	\$ 59,550	\$ -	\$ 59,550
2013	\$ 53,960	\$ -	\$ 53,960
2012	\$ 54,000	\$ -	\$ 54,000
2011	\$ 47,865	\$ -	\$ 47,865
2010	\$ 49,541	\$ -	\$ 49,541

From Table 1 above, it is estimated that the current annual cost for Litchfield Beach services is \$61,500. Reference Appendix C for 2018 cost breakdown.

Table 2 Trash Can Count & Ratio				
Beach	No. of Crossovers	No. of Trashcans	Additional	Total No. of Trashcans
Litchfield	21	42	2	44
Garden City	44	88	1	89
Ratio (Garden City Beach to Litchfield)				2.02

From Table 2 above, it is estimated that the ratio for service costs of Garden City Beach is approximately 2.02 over Litchfield Beach. This is due to the significant number of additional trash cans that will need to be serviced.

Table 3 Annual Service Cost for Garden City (Extrapolated from current Litchfield Costs)	
Litchfield Cost	\$ 61,500
Ratio (GC to Litchfield)	2.02
Garden City Cost (Adjusted by Ratio)	\$ 124,398
Assume 30% Additional for Procurement Increase	\$ 37,319
Total Annual Cost	\$ 161,717
Rounded	\$ 162,000

From Table 3 above, it is estimated that the Annual Service Cost for Garden City would be approximately **\$162,000**. This assumes the same level of service as Litchfield Beach.

Table 4 Capital Outlay Cost	
Trash Bins	44
Unit Cost	\$ 500
Total Cost	\$ 22,000

From Table 4 above, it is estimated that a Capital Outlay Cost of \$22,000 will be required for the installation of Trash Bins at each of the 44 beach crossings (on the beach side). It is noted that trash bins are already located on the road side of each crossover.

**LITCHFIELD BEACHES
PROPERTY OWNERS ASSOCIATION**
POST OFFICE BOX 492
PAWLEYS ISLAND, SOUTH CAROLINA 29585
843-237-9722

October 4, 2017

Subject: Request for Accommodation Tax Funds
To: Georgetown County Accommodations Tax Advisory Committee
Copy To: Georgetown County Department of Public Services
From: Litchfield Beaches Property Owners Association

2018 A-TAX BUDGET REQUEST

Beach and Tourism Support Projects and Estimated Costs – January 1, 2018 through December 31, 2018

A. Beach Garbage Removal

1.	Garbage Removal Contract - (129) Pickups @ \$340	\$43,860.00
	a. Three/week: Jan and Feb	6
	b. Once/week: March, Nov, Dec	14
	c. Twice/week: Apr, Mar, Sept, Oct	34
	e. Five/week: June and Aug	42
	f. July as required	31
	g. Special pickups	<u>2</u>
	Total	129
2.	Litter Box Repair/Bags	\$1,300.00
3.	Garbage Cans/Bags	\$300.00

B. Public Beach Access

1.	Beach Access Lighting: 12 months @\$520/month	\$6240.00
2.	Minor Repair and Maintenance- Walkways, Railings Steps	\$2,000.00
4.	Mowing and Weed Cutting for Entrance and Easement To LB and NLB	\$7,800.00

Total Reimbursement Requested **\$61,500.00**