COUNTY OF HENRICO, VIRGINIA BOARD OF SUPERVISORS REGULAR MEETING May 26, 2009

The Henrico County Board of Supervisors convened a regular meeting on Tuesday, May 26, 2009 at 7:00 p.m. in the Board Room, Administration Building, Henrico County Government Center, Parham and Hungary Spring Roads, Henrico County, Virginia.

Members of the Board Present:

David A. Kaechele, Chairman, Three Chopt District Patricia S. O'Bannon, Vice-Chairman, Tuckahoe District James B. Donati, Jr., Varina District Richard W. Glover, Brookland District Frank J. Thornton, Fairfield District

Other Officials Present:

Virgil R. Hazelett, P.E., County Manager

Joseph P. Rapisarda, Jr., County Attorney

Michael L. Wade, Sheriff

Barry R. Lawrence, CMC, Assistant to the County Manager/Clerk to the Board

George T. Drumwright, Jr., Deputy County Manager for Community Services

Angela N. Harper, Deputy County Manager for Special Services

Leon T. Johnson, Deputy County Manager for Administration

Robert K. Pinkerton, P.E., Deputy County Manager for Community Operations

Mr. Kaechele called the meeting to order at 7:03 p.m. and led recitation of the Pledge of Allegiance.

Dr. Andrew M. Mosley, Jr., Pastor of Quioccasin Baptist Church, delivered the invocation.

On motion of Mrs. O'Bannon, seconded by Mr. Donati, the Board approved the minutes of the May 12, 2009 Regular and Special Meetings.

The vote of the Board was as follows:

Yes: Kaechele, O'Bannon, Donati, Glover, and Thornton

No: None

MANAGER'S COMMENTS

There were no comments from the Manager.

BOARD OF SUPERVISORS' COMMENTS

There were no comments from the Board.

RECOGNITION OF NEWS MEDIA

Mr. Kaechele recognized Katherine Calos from the Richmond Times-Dispatch.

PRESENTATION

138-09 Resolution – Recognizing the ABLE TO CHOOSE Public Awareness Campaign.

On motion of Mrs. O'Bannon, seconded by Mr. Donati, and by unanimous vote, the Board approved Agenda Item No. 138-09 – see attached resolution.

Mr. Kaechele presented the resolution to Jim Congable, a member of the Virginia Board for People with Disabilities (VBPD) and its Community Living and Transportation Committee.

PUBLIC HEARING ITEMS

139-09 Resolution - Authority to Submit Amendment of the Henrico County FY2008-2009
Annual Consolidated Plan and to Execute Agreements for Community
Development Block Grant Recovery Fund Activities.

Mark Strickler, Director of Community Revitalization, responded to a question from the Board regarding the application process to receive these funds from the United States Department of Housing and Urban Development (HUD).

No one from the public spoke in opposition to this resolution.

On motion of Mrs. O'Bannon, seconded by Mr. Thornton, and by unanimous vote, the Board approved Agenda Item No. 139-09 – see attached resolution.

140-09 Resolution - POD-04-09 (POD-15-74 Revised) - Approval of a Revised Plan of Development for Fire Station #12 - Brookland District.

Kevin Wilhite, Planner IV for the Department of Planning, noted that the current Fire Station #12 building was constructed in 1975 and is 6,630 square feet. It will be expanded to 10,550 square feet. He presented slides depicting the location of the site, surrounding property, existing and proposed site connections and access points, proposed site improvements, a deceleration lane that will be added on West End Drive in the vicinity of the site, plans to save existing vegetation on the site, and construction materials that will be used for building renovation and expansion. Michael Verdu, Capital Projects Manager for the Department of General Services, provided more detail on the project's

construction phases, the building's design and exterior elevations, and the schedule for bidding and completing the project. The County will be seeking Leadership in Energy and Environmental Design (LEED) silver certification for this project from the United States Green Building Council.

Mr. Hazelett, Mr. Verdu, and Jerry Walker, Energy Manager for the Department of General Services, responded to questions from the Board concerning estimated energy savings from LEED designed buildings and additional construction costs associated with LEED certification.

No one from the public spoke in opposition to this resolution.

Mr. Glover commented that neighbors contiguous to this site are very happy with the idea of enlarging the facility and enhancing services. He pointed out that there has never been an accident at this fire station even though it fronts a collector roadway.

On motion of Mr. Glover, seconded by Mr. Thornton, and by unanimous vote, the Board approved Agenda Item No. 140-09 – see attached resolution.

Elizabeth Owino, whose house is located directly behind Fire Station #12, asked about the impact of the renovated fire station on her property. Mr. Glover elaborated on site and station improvements that will benefit Ms. Owino and the neighborhood. Mr. Wilhite also commented.

GENERAL AGENDA

151-09 Resolution - Signatory Authority - Energy Utilization of Landfill Gas and Sale of Greenhouse Gas Credits.

Mr. Hazelett noted that this resolution was a companion paper to Agenda Item No. 141-09.

On motion of Mr. Glover, seconded by Mr. Thornton, and by unanimous vote, the Board approved Agenda Item No. 151-09 – see attached resolution. (This resolution was called forward on the agenda prior to consideration of Agenda Item No. 141-09 but was voted on after the public hearing for that item.)

PUBLIC HEARING ITEMS - CONTINUED

141-09 Resolution - Signatory Authority - Lease Agreement - Industrial Power Generating Company, LLC - Three Chopt District.

Director of Real Property Jon Tracy, Director of Public Utilities Art Petrini, and Mr. Hazelett responded to questions from the Board pertaining to the purpose of this resolution and its relationship to Agenda Item No. 151-09. Alan Peterson of

the Industrial Power Generating Company, LLC (INGENCO) explained the appurtenant facilities proposed as part of this project. He, Mr. Petrini, Solid Waste Division Director Steve Yob, and Mr. Hazelett responded to further questions from the Board relating to terms of the lease, citizen notification of the proposed generating plant through the conditional use permit (CUP) process, the revenue that this project will generate for the County, INGENCO's experience in producing methane gas from landfills, the life cycle for methane gas generation, the type of liquid fuel that is used for pilot injection technology, and the impact of this project on future uses of the landfill site.

No one from the public spoke in opposition to this resolution.

Mr. Hazelett explained the difference between the substitute paper and the original paper.

On motion of Mr. Glover, seconded by Mr. Thornton, and by unanimous vote, the Board approved Mr. Glover's motion to substitute resolution 141A-09 for 141-09.

On motion of Mr. Glover, seconded by Mr. Thornton, and by unanimous vote, the Board approved Agenda Item No. 141A-09 – see attached resolution.

142-09 Resolution - Signatory Authority - Lease of County Property - 1303 Mormac Road - Tuckahoe District.

Mr. Tracy responded to questions from the Board regarding HUD's role in the lease of this property, the anticipated use of the property, and the number of individuals who will reside in the house on this site.

No one from the public spoke in opposition to this resolution.

On motion of Mrs. O'Bannon, seconded by Mr. Donati, and by unanimous vote, the Board approved Agenda Item No. 142-09 – see attached resolution.

143-09 Resolution - Signatory Authority - Deed of Exchange - Goodwill Baptist Church - Brookland District.

No one from the public spoke in opposition to this resolution.

On motion of Mr. Glover, seconded by Mr. Thornton, and by unanimous vote, the Board approved Agenda Item No. 143-09 – see attached resolution.

144-09 Resolution - Signatory Authority - Conveyance of Land - Masonic Lane - Varina District.

Mr. Tracy and Mr. Donati responded to questions from the Board concerning

the status of an old road on the site.

On motion of Mr. Donati, seconded by Mrs. O'Bannon, and by unanimous vote, the Board approved Agenda Item No. 144-09 – see attached resolution.

PUBLIC COMMENTS

There were no comments from the public.

GENERAL AGENDA CONTINUED

145-09 Resolution – Claim of Southwood Builders – Tuckahoe Library Construction.

Richard Knapp, an attorney with Knapp and Associates, addressed the Board on behalf of his client, Southwood Builders. He asked the Board to deny this resolution that had been proffered by the County Manager and supported by the County Attorney and to direct County staff to pay his client the money that was owed for a job well done. Mr. Knapp focused his presentation on factual issues rather than legal issues. He contended that the County did not obtain permanent power from Dominion Virginia Power by April 5, 2005 pursuant to the terms of the contract. Mr. Knapp elaborated at length on this contention and stated that the library staff occupied the facility prior to the certificate of occupancy being issued. He debated several points contained in the staff summary of this agenda item.

Mr. Kaechele noted that the Board had discussed this matter in a work session prior to this meeting, had reviewed the County's position, and was not here to debate the many claims and counterclaims that had been made. Mr. Hazelett commented briefly on the resolution before the Board.

On motion of Mr. Glover, seconded by Mrs. O'Bannon, and by unanimous vote, the Board approved Agenda Item No. $145-09 \sim \text{see}$ attached resolution.

Introduction of Resolution – Receipt of Requests for Amendments to the FY 2008-09 Annual Fiscal Plan: June, 2009.

Director of the Management and Budget Division Gene Walter, Mr. Hazelett, and Fire Chief Ed Smith responded to questions from the Board pertaining to how donations to the County are maintained and tracked, how the County budgets and allocates hotel/occupancy tax revenues designated for the Richmond Center expansion, how the County informs the public about the Real Estate Advantage Program (REAP), and the status of the Division's Eyes for Fire program that funds thermal imaging cameras. Mr. Glover expressed disbelief that the County will be able to increase its total appropriation for the REAP program from \$7.2 million to \$8.8 million during these depressed economic times. He noted that more than 50 percent of the County's 65 and over population currently qualify for tax relief under the program.

On motion of Mr. Glover, seconded by Mr. Donati, and by unanimous vote, the Board approved Agenda Item No. 146-09 – see attached resolution.

147-09 Resolution – Authorization to Accept Equipment from Richmond Metropolitan Medical Response System.

On motion of Mr. Thornton, seconded by Mrs. O'Bannon, and by unanimous vote, the Board approved Agenda Item No. 147-09 – see attached resolution.

148-09 Resolution – Authorization to Apply for and Accept Grant – Energy Efficiency and Conservation Block Grant Program.

Paul Proto, Director of General Services, and Mr. Hazelett responded to questions from the Board relating to the process for allocation and using these grant funds, the types of projects that could be implemented with these funds, and the extent to which ongoing renovations at Douglas Freeman High School have incorporated energy conservation measures.

On motion of Mr. Glover, seconded by Mr. Thornton, and by unanimous vote, the Board approved Agenda Item No. 148-09 – see attached resolution.

Resolution - To Accept the Virginia Wireless E-911 Services Board Award to the County of Henrico, Division of Police, for Upgrading the GIS Mapping Software in the Emergency Communications Center.

On motion of Mrs. O'Bannon, seconded by Mr. Donati, and by unanimous vote, the Board approved Agenda Item No. 149-09 – see attached resolution.

Resolution - Signatory Authority - Award of Contract - Fourmile Creek Trunk Sewer Rehabilitation - Phase 5 - Yahley Mill Vent Facility.

Mr. Petrini responded to questions from the Board regarding the number of phases of this project, where the new facility will be located, the facility's similarity to sewer rehabilitation facilities being considered in other areas of the County, the facility's proximity to residential dwellings, why a Plan of Development (POD) is not required for this facility, and how facilities of this type are screened to blend in with existing residential neighborhoods.

On motion of Mr. Donati, seconded by Mrs. O'Bannon, and by unanimous vote, the Board approved Agenda Item No. 150-09 – see attached resolution.

Resolution – Award of Contract - Emergency Standby Power, Strawberry Hill Sewage Pumping Station - Greeley and Hansen LLC.

Mr. Petrini responded to questions from the Board concerning the equipment served by this contract and the County's sewage contract with Hanover County.

On motion of Mr. Thornton, seconded by Mr. Glover, and by unanimous vote, the Board approved Agenda Item No. 152-09 – see attached resolution.

Mr. Hazelett offered to take the Board to the Strawberry Hill Pumping Station to see the operation firsthand.

153-09 Resolution – Acceptance of Road.

On motion of Mrs. O'Bannon, seconded by Mr. Donati, and by unanimous vote, the Board approved Agenda Item No. 153-09 – see attached resolution.

There being no further business, the meeting was adjourned at 8:36 p.m.

Chairman, Board of Supervisors

Henrico County, Virginia



Agenda Item No. 138-09 Page No. 1 of 2

Agenda Title: RESOLUTION - Recognizing the ABLE TO CHOOSE Public Awareness Campaign

For Clerk's Use Only:	BOARD OF SUPERVISORS ACTION		YES N	OTHER
Date: MAY 2 6 2009 (V) Approved () Denied () Amended () Deferred to:	Moved by (1) Seconded by (1) S	Donati, J. Glover, R. Kacchele, D. O'Bannon, P. Thornton, F.		

WHEREAS, the Virginia Board for People with Disabilities (VBPD), which serves as the Commonwealth's Developmental Disabilities Council, engages in outreach, funding, and other activities that expand and improve the Commonwealth's service delivery system and promote community integration, person-centered practices, and self-determination; and

WHEREAS, in an effort to buttress the many local, state, and national initiatives that share these goals, VBPD has initiated the ABLE TO CHOOSE campaign to raise awareness among all Virginians that individuals with disabilities of all types and degrees can and do live successfully in communities of their own choice when individually appropriate services and support networks are available to them; and

WHEREAS, over the past four decades, state policy has called for a shift from institutions to community support for persons with disabilities; and

WHEREAS, studies demonstrate that community-based services offer a better quality of life than institutional settings for people with disabilities, while also saving taxpayer dollars; and

WHEREAS, people with disabilities and their families have expressed a preference for community-based services over institutional placements; and

WHEREAS, although persons with disabilities face physical and attitudinal barriers, this population is increasingly proving to be a significant workforce, spending power, volunteer base, and voting base; and

WHEREAS, Virginia has a unique opportunity to reform its historical focus on large, state institutions and continue the transition to a community-based system of support for its citizens with disabilities; and

By Agency Head	By County Manager And Y. Manager
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Copy to:	A Copy Teste: Clerk, Board of Supervisors
	Date:

Agenda Item No. 138 -09 Page No. 2 of 2

Agenda Title: RESOLUTION - Recognizing the ABLE TO CHOOSE Public Awareness Campaign

WHEREAS, over the past eleven years, this Board of Supervisors has provided additional funding for mental health and retardation day support services to ensure that individuals who graduate from special education programs and other adults living in the community who need these services will be served promptly and not face a waiting list; and

WHEREAS, the ABLE TO CHOOSE campaign is targeted at changing individual attitudes and actions, business practices, community and civic activities, and public policy to make all aspects of community life accessible, inclusive, and welcoming to people with disabilities.

NOW, THEREFORE, BE IT RESOLVED that the Board of Supervisors of Henrico County, Virginia hereby recognizes the ABLE TO CHOOSE public awareness campaign and applauds the Virginia Board for People with Disabilities for initiating this campaign to help ensure that Virginia's service delivery system for citizens with disabilities is fiscally responsible and focused on community living.



Agenda Item No. 139-09
Page No. 1 of 1

Agenda Title: RESOLUTION — Authority to Submit Amendment of the Henrico County FY2008-2009 Annual Consolidated Plan and to Execute Agreements for Community Development Block Grant Recovery Fund Activities

For Clerk's Use Only:	BOARD OF SUPERVISORS ACTION	YES NO OTHER
Date: MAY 2 6 2009 (V) Approved () Denied () Amended () Deferred to:	Moved by (1) O'Brinnen Seconded by (1) Chanter (2) (2)	Donati, J. Glover, R. Kaechele, D. O'Bannon, P. Thornton, F.

WHEREAS, Henrico County (the "County") is an entitlement community under the Housing and Community Development Act of 1974, as amended, administered by the U.S. Department of Housing and Urban Development ("HUD"); and,

WHEREAS, the American Recovery and Reinvestment Act of 2009 allocated \$394,656 as the County's entitlement to Community Development Block Grant Recovery Funds for economic stimulus activities, and the County has prepared objectives and proposed uses of these funds; and,

WHEREAS, to obtain the funds, the County must submit an amendment to the FY 2008-2009 Annual Consolidated Plan; and,

WHEREAS, the Department of Community Revitalization has prepared the required amendment with proposed uses of Community Development Block Grant Recovery Funds as shown on the attached table; and,

WHEREAS, the Henrico County Board of Supervisors wishes to authorize economic stimulus activities in accordance with the amendment.

NOW, THEREFORE, BE IT RESOLVED that the Board of Supervisors approves the County's amendment to the FY2008-2009 Annual Consolidated Plan, including the proposed uses of funds.

BE IT FURTHER RESOLVED that the Board of Supervisors authorizes the County Manager to submit an amendment to the Henrico County FY2008-2009 Annual Consolidated Plan to HUD on or before June 5, 2009, in accordance with submission requirements; to execute an agreement with HUD, in a form approved by the County Attorney, for use of the Community Development Block Grant Recovery funds; and to execute agreements in a form approved by the County Attorney to implement the program activities.

COMMENTS: The Director of Community Revitalization recommends approval of this Board paper, and the County Manager concurs.

By Agency Head _	A. M. Atuhl ger	By County Manager _	Juge V. Kaylett
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		Date:	

Henrico County, Virginia CDBG-R Funds

Under the American Recovery and Reinvestment Act of 2009

		Request	Recommendation
1.	Belmont Recreation Center Patio Replacement for ADA Accessibility	\$190,500	\$187,894
2.	St. Joseph's Villa Replacement of Handicapped Ramps and Gymnasium Renovations	\$206,762	\$206,762
otal 2	Allocation		\$394,656

5/14/2009



Agenda Item No. 140-09

Page No. 1 of 4

Agenda Title: RESOLUTION — POD-04-09 (POD-15-74 Revised) — Approval of a Revised Plan of Development for Fire Station #12 — Brookland District

For Clerk's Use Only:	BOARD OF SUPERVISORS ACTION Moved by (1) Chambon Seconded by (1) Chambon	YES NO OTHER Donati, J
(Approved () Denied () Amended () Deferred to:	(2)	Glover, R. Kaechele, D. O'Bannon, P. Thornton, F.

WHEREAS, Sections 24-11(b) and 24-106 of the Henrico County Code require the submission of applications for plans of development for public facilities to the Board of Supervisors; and,

WHEREAS, an application has been submitted for approval of POD-04-09 (POD15-74 Revised), Fire Station #12, a plan of development to renovate the existing fire station and to construct a one-story, 3,918 square foot addition for a total overall floor area of 10,551 square feet; and,

WHEREAS, the 2.07-acre site is located at the northeast corner of West End Drive and Mapleview Avenue on parcel 759-758-6804, is zoned A-1, Agricultural District, and is located in the Brookland District; and,

WHEREAS, the County Administration, including the Department of General Services, the Department of Planning, the Department of Public Works, the Department of Public Utilities, the Division of Fire, the Division of Police, and the Office of Building Construction and Inspections, has reviewed the application and recommends approval subject to the staff recommendations and the staff plan dated May 26, 2009; and,

WHEREAS, on May 26, 2009, the Board of Supervisors held a public hearing to receive comments on the application for approval.

NOW, THEREFORE, BE IT RESOLVED that the Henrico County Board of Supervisors hereby approves the application, subject to the following conditions:

By Agency Head	By County Manager_	Sight X. Hayste
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	Date:	

Agenda Item No. 140-09

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Agenda Title: Agenda Title: RESOLUTION — POD-04-09 (POD-15-74 Revised) — Approval of a Revised Plan of Development for Henrico Fire Station #12 — Brookland District

- 1. The Director of Public Utilities shall approve the construction plans for public water and sewer prior to beginning any construction of these utilities. The Department of Public Utilities shall be notified at least 24 hours prior to the start of any County water or sewer construction.
- 2. The parking lot shall be subject to the requirements of Section 24-98 of the Henrico County Code.
- 3. The parking spaces shall be marked on the pavement surface with four-inch wide white painted traffic lines. All lane lines and parking lines shall be white in color with the exception that those dividing traffic shall be yellow.
- 4. Sufficient, effective usable parking shall be provided. If experience indicates the need, additional parking shall be provided.
- 5. Curb and gutter and necessary storm sewer shall be constructed as shown on approved plans.
- 6. The plan of development shall be revised as annotated on the staff plan dated May 26, 2009, which shall be as much a part of this approval as if its details were fully described herein. Eight sets of revised plans, including the detailed drainage, erosion control and utility plans shall be submitted by the design engineer who prepared the plans to the Department of Planning for final review. Upon notice from the Department of Planning that all comments have been addressed, 21 sets of final plans for signature shall be submitted to the Department of Planning for approval signatures.
- 7. The Department of Public Works shall be notified at least 24 hours prior to the start of any construction.
- 8. A detailed landscaping plan shall be submitted to the Department of Planning for review and approval prior to the issuance of any occupancy permits.
- 9. All ground cover and landscaping shall be properly maintained in a healthy condition at all times. Dead plant materials shall be removed within a reasonable time and replaced during the normal planting season.
- 10. Prior to the approval of an electrical permit application and installation of the site lighting equipment, a plan including light spread and intensity diagrams and fixture specifications and mounting height details shall be submitted for Department of Planning review and approval.
- 11. All exterior lighting shall be designed and arranged to direct the light and glare away from nearby residential property and streets.
- 12. The site including the parking areas shall be kept clean of litter and debris on a daily basis. Trash container units/litter receptacles and recycling containers shall be maintained with scheduled regular pickups and shall be screened properly on all four sides. The gate(s) shall remain closed except when trash receptacle(s) are being filled or serviced and shall be repaired or replaced as necessary. Details shall be included with the final site plan or required landscape plan review and approval.

Agenda Item No. 140-09

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Agenda Title: Agenda Title: RESOLUTION — POD-04-09 (POD-15-74 Revised) — Approval of a Revised Plan of Development for Henrico Fire Station #12 — Brookland District

- 13. Required fire lanes shall be marked and maintained in accordance with the Virginia Statewide Fire Prevention Code.
- 14. Traffic control signs shall be provided as indicated on the Planning staff plan. All signs shall be fabricated as shown in <u>The National Manual on Uniform Traffic Control Devices for Streets and Highways</u> and <u>The Virginia Supplement to The Manual on Uniform Traffic Control Devices for Streets and Highways</u>.
- 15. The assigned property number shall be displayed so it is easily readable from the street. If assistance is needed with the address, please contact the Department of Planning at 501-4284. The Planning Department must assign all property addresses.
- 16. The contractor shall have a set of plans approved by the Director of Public Works, Director of Public Utilities and the County Manager available at the site at all times when work is being performed. A designated responsible employee shall be available for contact by County inspectors.
- 17. The property shall be developed generally as shown on the plan filed with the case and no major changes or additions to the layout shall be made without the approval of the Board of Supervisors.
- 18. Upon completion of the improvements and prior to the certification of the permanent occupancy permit, the engineer or land surveyor who prepared the POD plan shall furnish a statement to the effect that all construction, including water and sewer, is in conformance with the regulations and requirements of the POD.
- 19. The developer shall provide fire hydrants as required by the Department of Public Utilities and Division of Fire.
- 20. Insurance Service Offices (ISO) calculations should be included on the final construction plans for approval by the Department of Public Utilities prior to issuance of a building permit.
- 21. Any necessary offsite drainage easements must be obtained in a form acceptable to the County Attorney prior to final approval of the construction plans by the Department of Public Works.
- 22. Deviations from County standards for pavement, curb, or curb and gutter design shall be approved by the County Engineer prior to final approval of the construction plans by the Department of Public Works.
- 23. Vehicles shall be parked only in approved and constructed parking spaces.
- 24. The construction shall be properly coordinated to ensure that safe access, circulation, and adequate parking is provided for the facility. A plan to indicate the phasing of improvements and the handling of traffic (construction and employees) shall be submitted to the Department of Planning prior to the issuance of a building permit.

Agenda Item No. 140-09

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Agenda Title: Agenda Title: RESOLUTION — POD-04-09 (POD-15-74 Revised) —	Approval of a Revised Plan
of Development for Henrico Fire Station #12 — Brookland District	

25. The right-of-way for widening of West End Drive as shown on approved plans shall be dedicated to the County prior to any occupancy permits being issued. The right-of-way dedication plat and any other required information shall be submitted to the Director of Real Property at least 60 days prior to requesting occupancy permits.

COMMENTS: The Director of Planning has reviewed the plans submitted by Stantec Consulting, Inc. and recommends approval, and the County Manager concurs.

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Agenda Item No. 151-09

Agenda Title: RESOLUTION — Signatory Authority — Energy Utilization of Landfill Gas and Sale of Greenhouse Gas Credits

For Clerk's Use Only:	BOARD OF SUPERVISORS ACTION	YES NO OTHER
Date: Approved Denied Amended Deferred to:	Moved by (1) Clover Seconded by (1) Chorntin	Donati, J. Glover, R. Kaechele, D. O'Bannon, P. Thornton, F.

WHEREAS, the County issued RFP #08-8462-7CS soliciting proposals for Energy Utilization of Landfill Gas and Greenhouse Gas Credits at the Springfield Road Landfill; and,

WHEREAS, on October 17, 2008, six proposals were received in response to RFP #08-8462-7CS; and,

WHEREAS, based upon review of the written proposals, the Selection Committee interviewed the following firms:

Industrial Power Generating Company, LLC ("INGENCO")
Pepco Energy Services

WHEREAS, the Selection Committee subsequently selected INGENCO as the first ranked firm and negotiated an agreement with INGENCO; and,

WHEREAS, the agreement provides that INGENCO will purchase landfill gas generated at the landfill, construct an electricity generating facility at the landfill that would use the gas, and sell any available greenhouse gas credits with 50% of the net proceeds going to the County; and,

WHEREAS, the agreement is for a 15-year term with an option for two five-year renewals.

NOW, THEREFORE, BE IT RESOLVED that the Henrico County Board of Supervisors authorizes the County Manager to execute an agreement with INGENCO in a form approved by the County Attorney for this project.

Comment: The Directors of General Services and Public Utilities recommend approval and the County Manager concurs.

By Agency Head LAMA	By County Manager	Sign of Hagelet
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Agenda Item No. 141A-09
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Agenda Title

RESOLUTION - Signatory Authority - Lease Agreement - Industrial Power Generating Company, LLC - Three Chopt District

For Clerk's Use Only:	1) bungforward BOARD OF SUPERVISORS ACTION	
MAY 2 6 2009	Moved by (1) Clover Seconded by (1) Shroton (2) Clover (2) Shoroton	Donati, J. YES NO OTHER Clover, R. V
Approved		Kaechele, D. —
[] Denied	REMAKS:	O'Bannon, P.
[] Amended		Thornton, F. VV
[] Deferred to		_

WHEREAS, the County of Henrico, Virginia is the owner of approximately 194 acres of land in the Three Chopt Magisterial District at 10600 Fords Country Lane, identified as Tax Map Parcel 753-772-2123, and commonly known as the Springfield Road Landfill (the "Property"); and,

WHEREAS, Industrial Power Generating Company, LLC, a Delaware limited liability company, (a/k/a "INGENCO"), has requested that the Board of Supervisors of Henrico County, Virginia award a contract to it to construct and operate a 4 megawatt electrical generation plant on the Property; and,

WHEREAS, if the Board awards the requested contract, then INGENCO desires to lease from the County a parcel of land containing one acre, more of less (the "Premises"), located within the Property together with necessary ingress, egress and utility easements for the construction and operation of the proposed plant and appurtenant facilities for an initial term of 15 years with the right to extend the lease for two (2) additional 5-year terms at an initial annual rental rate of \$1.00 per year, and the other terms and conditions as set forth in the lease agreement; and,

WHEREAS, on May 26, 2009, the Board held an advertised public hearing on this Resolution pursuant to Sections 15.2-1800 and 15.2-1813 of the Code of Virginia, 1950, as amended.

By Agency Head Running GAN	By County Manager Way
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Copy to:	Clerk, Board of Supervisors
·	Date:

Agenda Item No. 1414-09

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Page No.

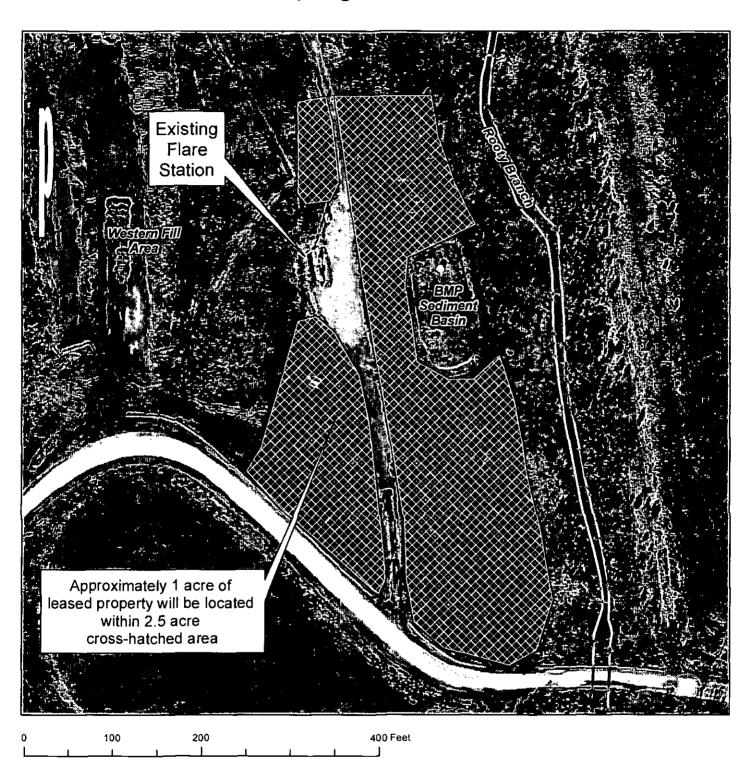
Agenda Title:

RESOLUTION - Signatory Authority - Lease Agreement - Industrial Power Generating Company, LLC - Three Chopt District

NOW, THEREFORE, BE IT RESOLVED by the Board that the County Manager is authorized and directed to execute a lease agreement and related documents, in a form approved by the County Attorney, by and between the County and INGENCO for the Premises, together with such easements on, over, under, across, and through the Property for the construction and operation of a 4 megawatt electrical generation plant, and appurtenant facilities, for an initial term of 15 years with the right to extend the lease for two (2) additional 5-year terms at an initial annual rental rate of \$1.00 per year, and the other terms and conditions as set forth in the lease agreement.

Comments: The Directors of Public Utilities and Real Property recommend approval of this paper; the County Manager concurs.

Proposed LFG Electrical Generating Facility Springfield Landfill





Agenda Item No. 142-09

Fage No.

1 of 1

Agenda Title

RESOLUTION - Signatory Authority - Lease of County Property - 1303 Mormac Road - Tuckahoe District

For Clerk's Use Only:	BOARD OF SUPERVISORS ACTION	
Dat MAY 2 6 2009	Moved by (1) <u>O Bammon</u> Seconded by (1) <u>bunt</u>	YES NO OTHER Donati, J. Glover, R. Kaechele, D.
] Denied	REMARKS:	O'Bannon, P.
] Amended] Deferred to	APPRONIED	Thornton, F.
	the County of Henrico, Virginia owns a residence at 1303 Morns	

WHEREAS, a qualified applicant desires to lease this home from the County under the terms and conditions negotiated by the parties under a U.S. Department of Housing and Urban Development ("HUD") Housing Choice Voucher Program; and,

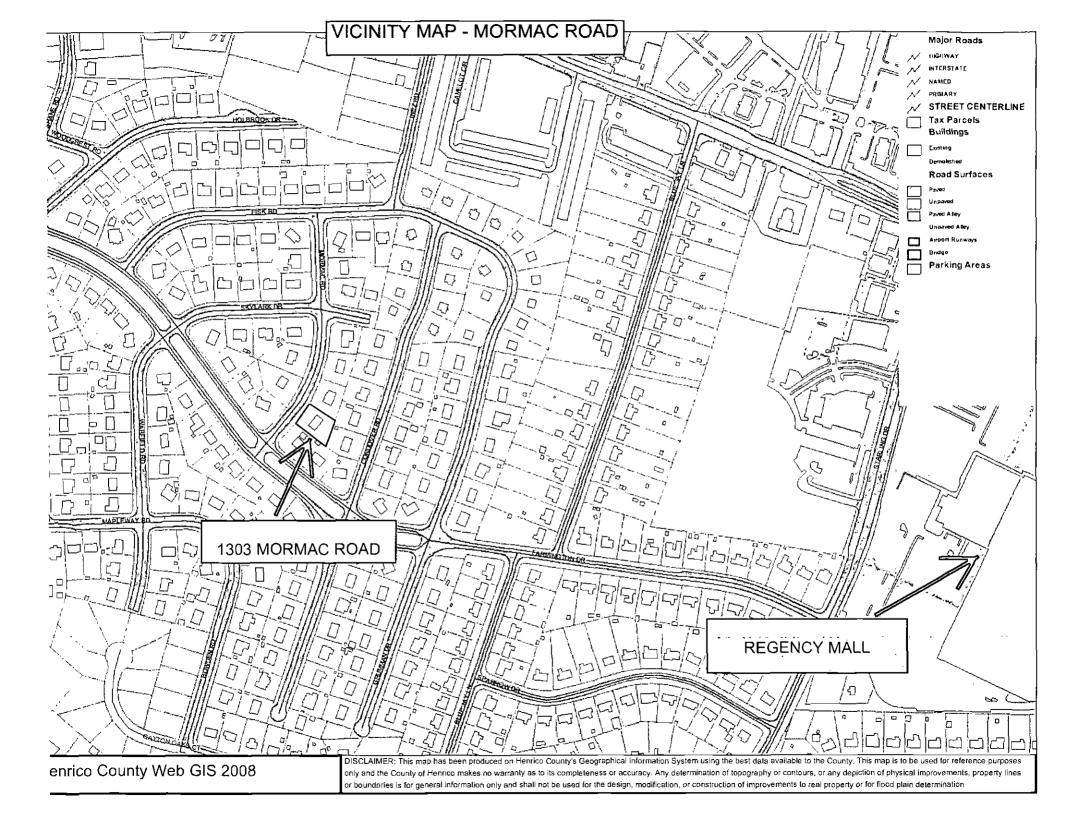
WHEREAS, the County desires to lease this residence to a person with a HUD Housing Choice Voucher; and,

WHEREAS, on May 26, 2009, the Board of Supervisors of Henrico County, Virginia held an advertised public hearing on this Resolution pursuant to Sections 15.2-1800 and 15.2-1813 of the Code of Virginia, 1950, as amended.

NOW, THEREFORE, BE IT RESOLVED by the Board, that the County Manager is authorized to execute: (1) a lease agreement on behalf of the County, in a form approved by the County Attorney, for 1303 Mormac Road for a period of one year, commencing on June 1, 2009, at a rental of \$1,200.00 per month, and (2) the necessary forms required of the County by HUD.

Comments: If neither party gives at least 60 days written notice prior to the end of the term, the lease shall renew for an additional year under the same terms and conditions. The Directors of MH/MR and Real Property recommend approval of this action; the County Manager concurs.

By Agency Head A Day	By County Manager June W. Waydolf
Routing: Yellow to: Real Progenty	Certified: A Copy Teste:
Copy to:	Clerk, Board of Supervisors
•	Date:





Agenda Item No. 143-09
Page No. 1 of 1

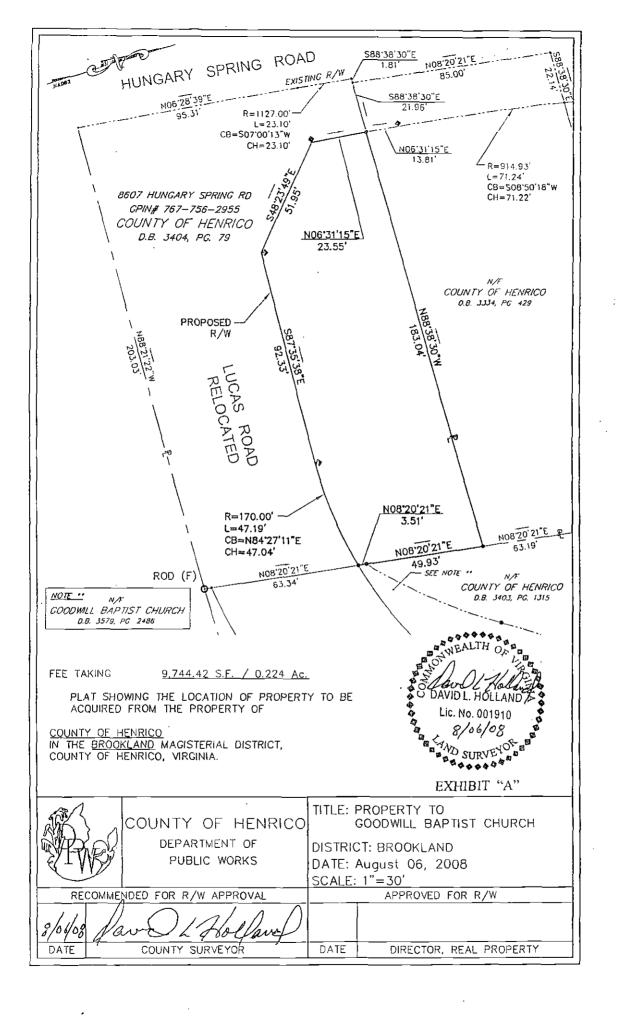
Agenda Title

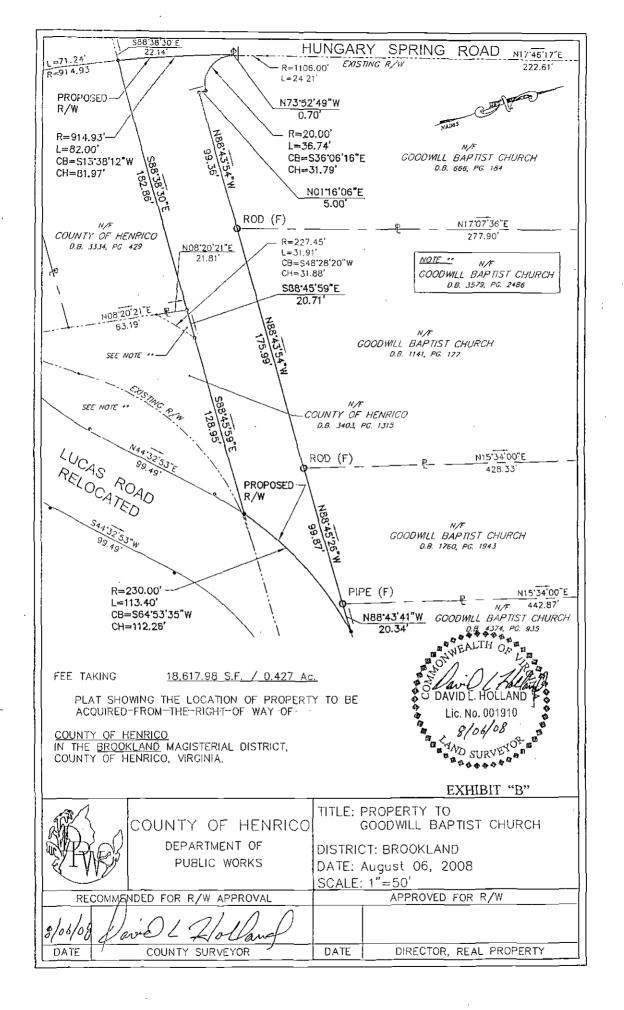
RESOLUTION - Signatory Authority - Deed of Exchange - Goodwill Baptist Church - Brookland District

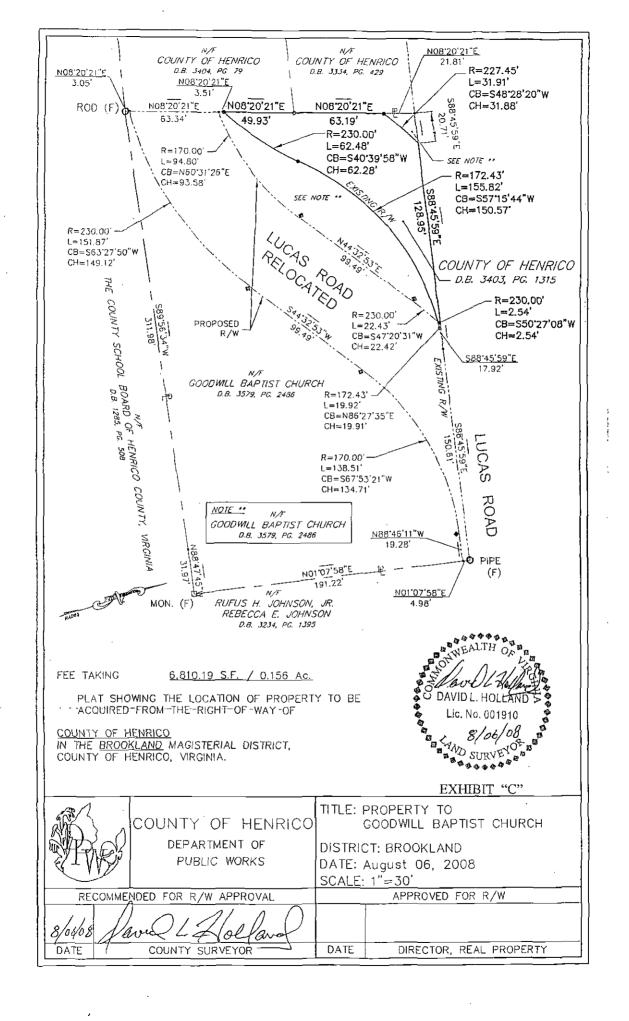
For Clerk's Use Only:	BOARD OF SUPERV	JISORS ACTION	
Date MAY \$ 6 2009 Approved Denied Amended Deferred to	Moved by (1) Seconded (2)	by (1) Shornton (2)	YES NO OTHER Donati, J. Glover, R. Kaechele, D. O'Bannon, P. Thornton, F.
WHEREAS, Goodwill Baptist Church (the "Church") owned a 53,811.09 square foot parcel of land located on the south side of Lucas Road at its intersection with Hungary Spring Road and adjacent to Hermitage High School (the "Church Property") and the Church, at the request of the County of Henrico, Virginia, previously conveyed at no cost to the County 17,633.83 square feet of the Church Property for the relocation of Lucas Road; and,			
WHEREAS, the County owns four parcels of land containing a combined 50,660.74 square feet on the north side of relocated Lucas Road at its intersection with Hungary Spring Road and adjacent to other Church property, shown on the attached plats labeled Exhibit "A," Exhibit "B," Exhibit "C," and Exhibit "D" (collectively the "County Property"); and,			
exchange the C	would be advantageous and bette hurch's remaining 36,177.26 squar hibit "E," for the County Property; a	re feet of the Church Property,	
WHEREAS, the	ere is no public necessity for the Co	unty Property; and,	
WHEREAS, this resolution was advertised pursuant to Section 15.2-1813 of the Code of Virginia, 1950, as amended, and a public hearing was held on May 26, 2009, at 7:00 p.m.			
the Chairman a Attorney, convo	FORE, BE IT RESOLVED by the land Clerk are authorized to execute a eying to Goodwill Baptist Church to for the Church's remaining 36,17	a Deed of Exchange, in a form a he County Property described or	pproved by the County n Exhibits A, B, C and
Comments: The County Manage By Agency Head	ne Directors of Public Works and I	Real Property recommend appro	oval of this action; the
Routing: Yellow to:	Prosent	Certified: A Copy Teste:	
Copy to:		· · · · · · · · · · · · · · · · · · ·	Board of Supervisors

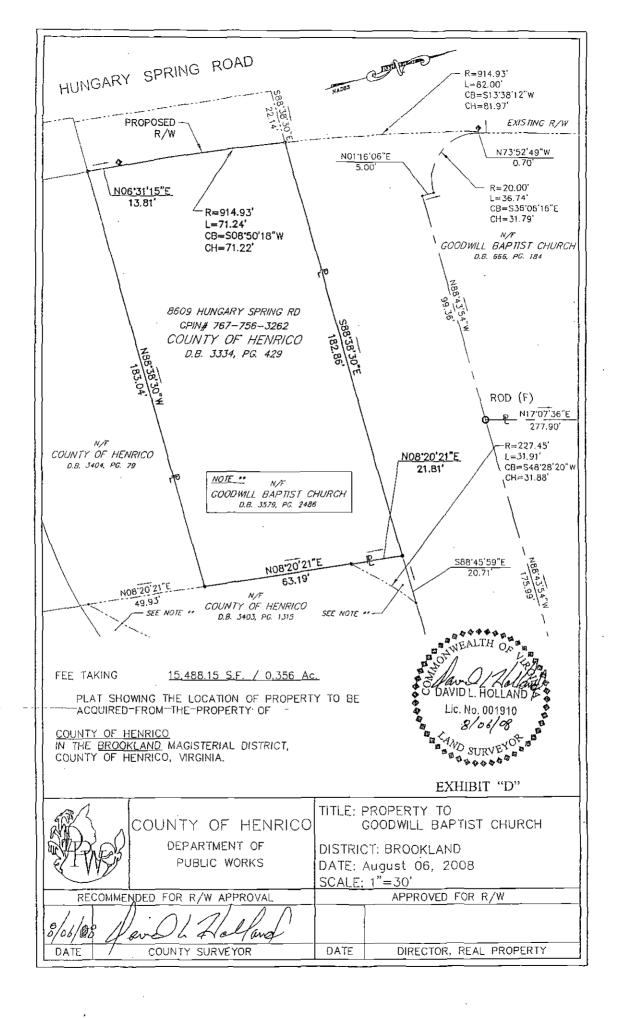


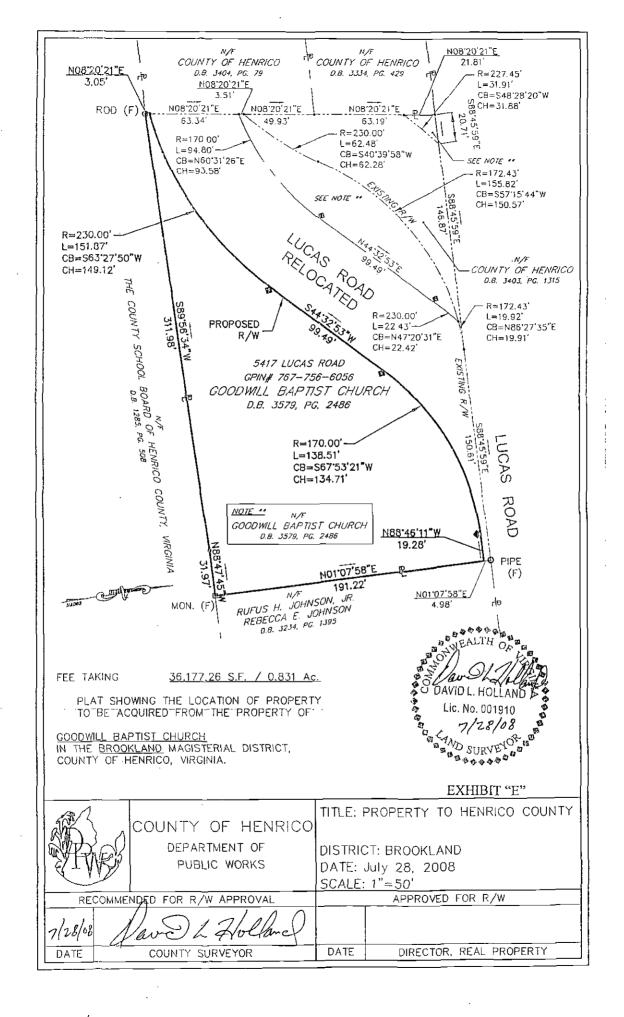
VICINITY MAP - LUCAS ROAD













Agenda Item No. 144-09
Page No.

1 of 2

Agenda Title

RESOLUTION - Signatory Authority - Conveyance of Land - Masonic Lane - Varina District

For Clerk's Use Only:	BOARD OF SUPERVISORS ACTION	
Date MAY 2 6 2009 [U Approved [] Denied [] Amended [] Deferred to	Moved by (1) Onata Seconded by (1) O'Bannon (2) (2) (2)	YES NO OTHER Donati, J. Glover, R. Kaechele, D. O'Bannon, P. Thornton, F.

WHEREAS, in 1967, the County of Henrico, Virginia acquired a parcel of land (the "County Parcel") south of I-64 for the realignment of Masonic Home Lane, now Masonic Lane; and,

WHEREAS, at an advertized public hearing held October 28, 2008, the County declared abandoned the portion of the former roadway shown labeled Parcels A and C on the attached Exhibit "A" survey dated January 15, 2008; and,

WHEREAS, as a result of the Masonic Lane realignment, residue parcels of the County Parcel containing 0.19 acre, shown labeled Parcel B, D and E on Exhibit "A," were isolated between Masonic Lane and the former prescriptive right-of-way for Masonic Home Lane; and,

WHEREAS, for a total purchase price of \$900 and subject to the reservation of a 20-foot drainage easement as shown on Exhibit "A," Joseph E. Liesfeld, Jr., has requested that the County quitclaim Parcel A and convey Parcel B to him individually, and that the County quitclaim Parcel C and convey Parcels D and E to his business, Gillies Creek Industrial Recycling, L.L.C., a Virginia limited liability company; and,

WHEREAS, other than the 20-foot drainage easement shown on Exhibit "A," there is no public necessity for Parcels A, B, C, D and E; and,

WHEREAS, this resolution was advertised pursuant to §15.2-1813 of the Code of Virginia, 1950, as amended, and a public hearing was held on May 26, 2009 at 7:00 p.m.

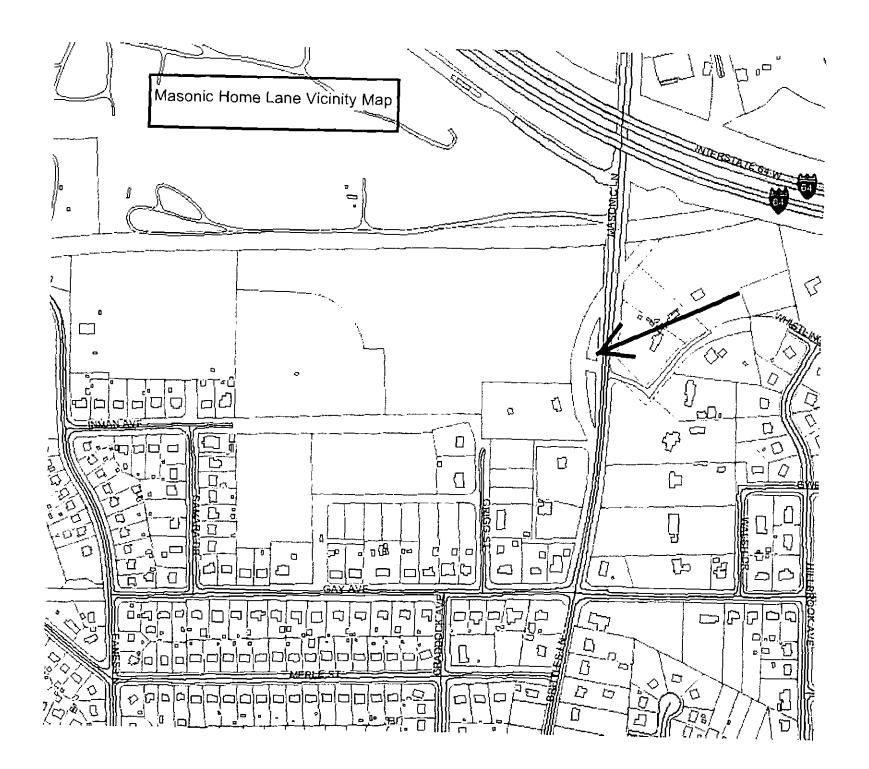
By Agency Head	By County Manager Suy & Maydel
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Copy to:	Clerk, Board of Supervisors
	Date:

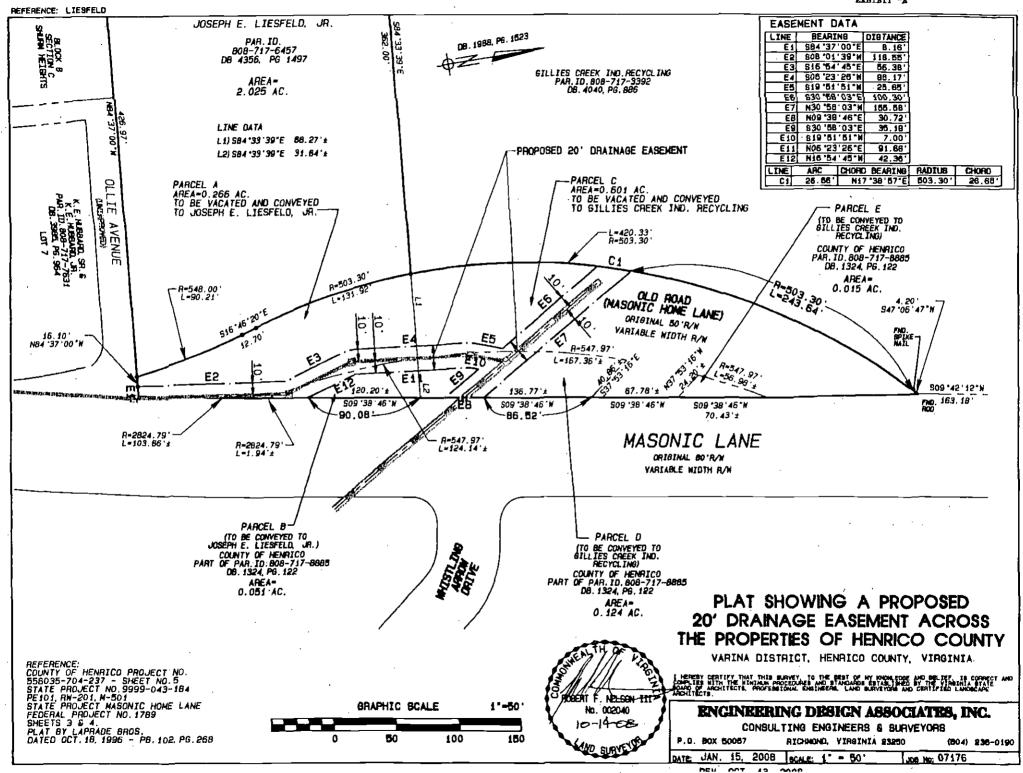
Agenda Item No. 144-09 Page No. 2 of 2

Agenda Title RESOLUTION - Signatory Authority - Conveyance of Land - Masonic Lane - Varina District

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors that the Chairman and Clerk are authorized to execute two deeds, in a form approved by the County Attorney, quitclaiming Parcel A and conveying Parcel B to Joseph E. Liesfeld, Jr., and quitclaiming Parcel C and conveying Parcels D and E to Gillies Creek Industrial Recycling, L.L.C., a Virginia limited liability company, subject to the reservation of a drainage easement, for a total consideration of \$900.

Comments: The Directors of Public Works and Real Property recommend approval of this action; the County Manager concurs.







Agenda Item No. 145-09

Page No. 1 of 1

Agenda Title: RESOLUTION - Claim of Southwood Builders - Tuckahoe Library Construction

For Clerk's Use Only:	BOARD OF SUPERVISORS ACTION	YES NO OTHER
Date: () Approved () Denied () Amended () Deferred to:	Moved by (1) O' Barrier (2) REMANS: DD REMANS:	Donati, J. Glover, R. Kaechele, D. O'Bannon, P. Thornton, F.

BE IT RESOLVED by the Board of Supervisors of Henrico County that:

- 1. it denies the claim of Southwood Builders against the County of Henrico in the amount of \$298,740, plus interest, that arose from the contract for the construction of the Tuckahoe Library; and
- 2. unless a representative of the claimant or the claimant's counsel is present at the Board meeting, the Clerk of the Board shall serve a written notice of the denial on the claimant or the claimant's counsel.

Comments: The Director of General Services and County Attorney recommend approval of this Board paper (which would deny the claim); the County Manager concurs.

By Agency Head And Wint	By County Manager	Sugs & Haylett
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Copy to:	D	Clerk, Board of Supervisors
	Date:	

Agenda Item No. | -16-09 Page No. 1 of 1

Agenda Title INTRODUCTION OF RESOLUTION - Receipt of Requests for Amendments to the FY 2008-09 Annual Fiscal Plan: June, 2009

For Clerk's Use Only:	BOARD OF SUPERVISORS ACTION		
Date Date Date Denied Denied Deferred to	Moved by (1) USUL Seconded by (1) DONALU (2) (2) (2) (2)	Donati, J. Glover, R. Kaechele, D. O'Bannon, P. Thornton, F.	YES NO OTHER

WHEREAS, the County Manager has provided the Board of Supervisors of the County of Henrico, Virginia, with a list dated May 19, 2009 requesting amendments to the 2008-09 Annual Fiscal Plan; and,

WHEREAS, the County Manager listed by department and cost center, the purpose of the request, and the source of funding to support the proposed amendments.

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of the County of Henrico, Virginia, that the Clerk of the Board is directed to advertise a synopsis of the proposed amendments and a public hearing thereon to be held on June 9, 2009, at 7:00 p.m., in the Board Room at the Henrico County Government Center, East Parham and Hungary Spring Roads, to ascertain the views of the citizens with respect to the proposed amendments, such advertisement to be placed in the Richmond Times-Dispatch on Tuesday, June 2, 2009.

COMMENTS: The Director of Finance recommends approval of this Board paper and the County Manager concurs.

By Agency Head Act of the Control of	By County Manager New York
Routing: Yellow to:	Certified: A Copy Teste:
Copy to:	Clerk, Board of Supervisors Date:

AMENDMENT TO THE 2008-09 ANNUAL FISCAL PLAN FOR JUNE, 2009

OPERATING FUNDS

FUND 0101 - GENERAL FUND - General Operating

Department 03 - Sheriff

03001

- Administration

611,431

0000 00000

Additional appropriations for the Sheriff's Office are necessary due to the growth in the cost of inmate medical services experienced in the current fiscal year. The increase in the daily jail population of Jail East and Jail West as well as the generally high cost of medical care have impacted anticipated expenditures in this area. Funding of \$611,431 from the fund balance in the General Fund will be used to fund these cost increases.

Department 13 - Fire

13115 - Logistics \$ 223,000

13122

- Operations - EMS

100,802

00000 00000

To appropriate funding received from the Virginia Department of Fire Programs. The Code of Virginia requires the funds to be expended for fire services in the fiscal year that the funds are received. The FY2008-09 approved budget appropriated \$390,000 to the Division of Fire. This request will appropriate the balance of \$323,802 and bring the total appropriation for FY2008-09 to \$713,802. The dedicated funds will be used for repairs to the Division's Emergency Services apparatus.

Department 22 - Social Services

22001

- Independent Living Program

1302 00000 - Purchase of Services

\$ 28,240

The Commonwealth of Virginia, Department of Social Services, will reimburse the County of Henrico, an additional \$22,592 of Federal (80%) and \$5,648 of State (20%) for the Independent Living Program. This funding will help transition foster care youth to self-sufficiency by assisting with college and vocational training expenses. The total appropriation for this program in fiscal year 2008-09 will be \$83,295 after this addition.

22106 - AFDC - Foster Care

1302 00000 - Purchase of Services

175,000

To increase the County allocation to the estimated level of need for state and federally mandated Title IV-E Foster Care Program expenditures. This program is funded with \$87,500 of State (50%) and \$87,500 of Federal (50%) funds. The total appropriation for this program in fiscal year 2008-09, will be \$1,249,436, after this addition. No County matching funds are required.

22202 - VIEW Day Care 1302 00000 - Purchase of Services

300,000

The Commonwealth of Virginia, Department of Social Services, will reimburse the County of Henrico, an additional \$120,000 of State (40%) and \$150,000 of Federal (50%) funds for the Virginia Initiative for Employment not Welfare (VIEW) Program in fiscal year 2008-09. The required 10% County match (\$30,000) will come from the fund balance in the General Fund, and is included in this \$300,000, amount. The total appropriation for this program in fiscal year 2008-09, will be \$2,972,417, after this addition.

Total Social Services

\$ 503,240

Department 30 - Economic Development

30001 - Economic Development

\$ 1,634,500

0000 01043 - Richmond Center Expansion

Revenue from the 8.0 percent Hotel/Motel Occupancy Tax is exceeding the estimate of \$8,365,500, included in the fiscal year 2008-09 Annual Fiscal Plan. This \$1,634,500 increase will cover additional payments to the Greater Richmond Convention Center Authority (GRCCA), resulting from this additional revenue that has been received and is projected to be received through the end of the fiscal year. Payment will be made based on actual collections from the tax. Subsequently, the County's 2.0 percent local tax component (estimated at \$408,625 for this amendment piece), will come back to the County. In total, for fiscal year 2008-09, the County expects to receive \$10,000,000 in Hotel/Motel Occupancy Taxes.

Department 32 - Non-Departmental

32001 – Non-Departmental

0000 00000

00000 00000

\$ 1,650,000

Participation in the County's Real Estate Assistance Program (REAP) is forecasted to exceed the FY2008-09 appropriation of \$7,231,000. As a result of enhancements made previously to the program by the Board of Supervisors, additional funding is required. Funding for the program is to come from the fund balance in the General Fund. This amendment will increase the total appropriation for REAP in FY2008-09 to \$8,881,000.

Total GENERAL FUND

4,722,973

FUND 1102 - SPECIAL REVENUE FUND - State and Federal Grants - County

Department 05 - Commonwealth's Attorney

05001 – Commonwealth's Attorney

\$ 11,445

To appropriate State funding received from the Department of Criminal Justice Services for the Virginia Domestic Violence Victim Fund. Funding will be used for office supplies and travel expenses to support the program.

Department 07 - Juvenile Detention

07003 - Juvenile Detention

0000 05100 - USDA Grant - Detention Home

\$ 6,525

Revenue received by the County of Henrico for the fourth quarter of fiscal year 2007-08 and the first through third quarters of fiscal year 2008-09, from a United States Department of Agriculture grant, and heretofore not appropriated for expenditure, will be used towards support of the County's Juvenile Detention Home. No County matching funds are required. This appropriation will increase funding in fiscal year FY2008-09 to \$37,525 for this program.

Department 12 - Police

12002 - Fiscal Records

0000 00033 - Police - DMV Animal Friendly Plates

4,608

The Commonwealth of Virginia, Department of Motor Vehicles (DMV) has awarded the County of Henrico, \$4,608 from the Dog and Cat Sterilization Fund as a result of the sale of State Animal Friendly license plates in Henrico County during fiscal year 2008-09. By comparison, during fiscal year 2007-08, a total of \$6,773 was appropriated for the DMV Animal Friendly license plates. Funds will be used to support Sterilization programs for dogs and cats through CARE (Cat Adoption and Rescue Efforts).

0000 00110 - <u>DARE</u> 520

Donations have been received for the Drug Abuse Resistance Education (D.A.R.E.) Program. Funding received from the Mechanicsville Lions Club; the Old Dominion Moose Legion #148; and a private citizen has been dedicated to this program.

0000 05219 - FY2008 - UASI (Shelter and Evacuations)

225,000

To appropriate funding from the Virginia Department of Emergency Management. These federal funds are pass-through from the Department of Homeland Security for it's Urban Area Security Initiative (UASI), which is administered by the Commonwealth. Funds will be utilized to purchase bomb suits, x-ray devises, and bomb disabling tools for the Explosive Ordinance Disposal Initiative. No local match is required.

0000 05221 - Milk Bone/Ukrops Donation

5,000

To appropriate donations received from Milk Bone and Ukrops for the purchase of a new police dog by the Division of Police.

0000 05227 - Target Store Donation

1,800

To appropriate a donation received from Target to purchase supplies for the Crime Prevention and Criminal Investigations units.

0000 05228 - Walmart Donation

2,500

To appropriate a donation received from Walmart to purchase Child Print identification kits and a color laser jet printer for the Community Policing Unit.

Total Police \$ 239,428

Department 13 - Fire

13116 - Fire Marshall's Office 0000 00833 - Fire Prevention Services

\$ 2,000

Donations have been received from the private sector for use by the Division of Fire. These funds are to be used to purchase training materials for Fire Prevention Services and will provide funding for the maintenance of the Division's Kids Safety House.

13150 - Field Operations

0000 05092 - Eves for Fire

125

To appropriate funding received from Henrico citizens as donations to the Division of Fire for work in the community by the Division's Eyes for Fire program. The funds will be used toward the purchase of a thermal imaging camera, which typically costs approximately \$15,000. The thermal imaging cameras assist in locating victims in fire situations and also enhance the safety of firefighters. Funds will be accumulated in this account until such purchase may be made.

Total Fire

 $\frac{}{2,125}$

Department 22 - Comprehensive Services Act

22104 - CSA Mandated Services

1302 05147 - CSA Services - FY 2008-09

\$ 851,854

The Commonwealth of Virginia, Department of Social Services, has awarded the County of Henrico an additional \$708,961 of State funding for the Comprehensive Services Act (CSA) in fiscal year 2008-09. The County has a local match of \$142,893 for this program, which is to come from the fund balance in the General Fund via an interfund transfer to the Special Revenue Fund. This amendment will increase the total appropriation for CSA program expenses to \$8,432,468 for fiscal year 2008-09.

Total Fund 1102 - Special Revenue Fund-State/Fed Grants-County

1,111,377

FUND 1119 - American Recovery and Reinvestment Act Funds

Department 26 - Mental Health and Mental Retardation

26202 - Children/Adolescent Services

1622 05237 - ARRA - MH/MR - Part C Funds FY2009

\$ 153,000

To amend the Mental Health and Mental Retardation budget to incorporate an additional allocation of Part C funding through the American Recovery and Reinvestment Act. These funds are to be used to supplement early intervention services for infants and toddlers who need physical, occupational, or speech therapy.

Department 27 - CATC 27004 - Workforce Partnership 0000 05222 - ARRA - WIA Youth 2009 (In-School) 0000 05223 - ARRA - WIA Youth 2009 (Out of School) 0000 05224 - ARRA - WIA Adult 2009 0000 05225 - ARRA - WIA DW 2009 0000 05226 - ARRA - WIA Admin 2009 To amend the Capital Area Training Consortium's budget to incorporate the American Recovery and Reinvestment Funds awarded to the Capital Region Workforce Partnership for job search services for adults, youth, and dislocated workers. Total CATC	\$	1,042,950 446,979 578,967 1,033,264 344,685
Department 38 - Community Revitalization 38003 - CDBG 0000 05229 - ARRA Homelessness - Social Services Emergency Financial Services 0000 05232 - ARRA Homelessness - St. Joseph's Villa/Hilliard House 0000 05233 - ARRA Homelessness - Commonwealth Catholic Charities	\$	303,481 100,000 100,000
O000 05234 - ARRA Homelessness - MH/MR To appropriate federal Homelessness Prevention funding of \$603,481 for Social Services Emergency Financial Services, St. Joseph's Villa, Hilliard House, Commonwealth Catholic Charities, and Henrico Mental Health/Mental Retardation. This funding is provided by the American Recovery and Reinvestment Act.		100,000
0000 00000 ARRA - CDBG - St Joseph's Villa To appropriate federal funding of \$206,762 received from the American Recovery and Reinvestment Act for replacement of handicapped ramps and gymnasium renovations at St. Joseph's Villa. Total Community Revitalization Total Fund 1119 American Recovery and Reinvestment Act Funds	\$ \$	810,243 4,410,088
FUND 1120 - Reynolds Crossing CDA Department 32 - Non-Departmental 32001 - Non-Departmental		
O000 00000 - Reynolds Crossing CDA To enable Henrico County to meet the obligations established under the Memorandum of Understanding between the County and Reynolds Crossing, November 1, 2006 (as amended September 1, 2007). Under this agreement special assessments generated will be used to meet debt service requirements of the Community Development Authority (CDA). Revenue received will meet the debt service and administrative requirements that arise. The revenue received as a result of improvements at the Reynolds Crossing site will be deposited in Special Revenue Fund accounts and disbursed to the CDA, as per the Memorandum of Understanding referenced above.	\$	614,000
Total SPECIAL REVENUE FUND	\$	6,135,465

Total OPERATING FUNDS

FUND 2111 - Capital Initiatives Fund Department 28 - Public Works 28004 - Construction		
0000 00682 - River Road Improvement To appropriate funding for the costs of improvements to River Road. This project will increase safety on River Road by upgrading the existing curve at the intersection of River Road and Twin Lake Lane. Funds are to come from the fund balance in the General Fund via an interfund transfer to the Capital Projects Fund.	\$	1,786,373
Department 32 - Non-Departmental		
32001 – Non-Departmental 0000 06488 – <u>PALS Van</u>	\$	30,000
This amendment will provide funding for the Henrico Police Athletic League (PAL) to purchase a passenger van for the program. Funds are to come from the fund balance in the General Fund via an interfund transfer to the Capital Projects Fund.	Ψ	,
0000 00000 - Donation to American Legion Post #242 This amendment will provide assistance with security and logistics funding for a Memorial Day parade in Sandston. Funds are to come from the fund balance in the General Fund via an interfund transfer to the Capital Projects Fund.		3,000
Total Non-Departmental	\$	33,000
Department 38 - Community Revitalization 38001 - Community Revitalization		
0000 06501 - Sandston/Williamsburg Road Streetscape To provide additional funding to expand the Williamsburg Road (Route 60) Streetscape project. These funds would add two blocks to the consultant contract for final design and engineering drawings. Funds are to come from the fund balance in the General Fund via an interfund transfer to the Capital Projects Fund.	\$	70,000
Department 50 - Education 0000 00000 - John Rolfe Middle School Baseball Improvements This amendment will provide funding for baseball netting, cages and equipment at John Rolfe Middle School. Funds are to come from the fund balance in the General Fund via an interfund transfer to the Capital Projects Fund.	\$	2,500
Total Capital Projects Fund - Capital Initiatives	\$	1,891,873

CAPITAL FUNDS

FUND 2130 - East Area MS Off-Site Sanitary Sewer

Department 16 - General Services

31201 - Public Utilities Accounting

0000 06286 - East Area MS Off-Site Sanitary Sewer

\$ 235,127

To provide funding of \$235,127 to cover additional costs associated with the construction of the Elko Middle School sanitary sewer system. This amendment will increase the total appropriation for this project to \$7,735,127. Funds are to come from the fund balance in the General Fund via an interfund transfer to the Capital Projects Fund.

FUND 2133 - American Recovery and Reinvestment Act Fund - Capital Improvements Fund

Department 38 - Community Revitalization

38003 - CDBG

0000 00000 - ARRA - CDBG - Belmont Recreation Center

187,894

\$

To appropriate federal funding of \$187,894 received from the American Recovery and Reinvestment Act for patio replacement which will allow for the ADA accessibility at Belmont Recreation Center.

Total CAPITAL PROJECTS FUND Total Amendments/Appropriations

\$ 2,314,894 \$ 13,173,332

BE IT FURTHER RESOLVED by the Board of Supervisors of the County of Henrico, Virginia, that the following appropriation for transfer between Operating funds and Capital funds accounts from the existing account as listed below, to the account shown, be approved for the purpose indicated.

FROM:

OPERATING FUNDS

FUND 1102 - SPECIAL REVENUE FUND - State and Federal Grants - County

Department 38 - Community Revitalization

38003 - CDBG	•
0000 04025 - CDBG, Commercial Incentives #1 - Facades, FY'06	\$ 3,484
0000 05068 - CDBG, FY06-07 Façade Grants Program	300,000
0000 05176 - FY2008-09 CDBG Façade Grants	65,000
0000 05069 - CDBG, FY06-07 Offsite Improvements Program	30,000
0000 05082 - CDBG, FY06-07 Habitat for Humanity Program	70,232
0000 06422 - FY07-08 CDBG St. Joseph's Villa	36,240
0000 05185 - FY2008-09 CDBG Commercial Assistance Administration	50,000
0000 05171 - FY2008-09 CDBG Neighborhood Housing Services	51,760
	\$ 606,716

TO:

CAPITAL FUNDS

FUND 2110 - CAPITAL PROJECTS FUND

Department 38 - Community Revitalization

38003 - CDBG

\$ 606,716

0000 06419 - Golden Road Drainage

Funding of \$606,716 from the United States Department of Housing and Urban Development (HUD), Community Development Block Grant (CDBG) is being reallocated to cover additional construction costs associated with the CDBG Golden Road Drainage project. This funding will bring the total appropriation for this project to \$1,100,000.



Routing: Yellow to: ___

COUNTY OF HENRICO, VIRGINIA BOARD OF SUPERVISORS MINUTE

Agenda Item No. 147-09
Page No. 1 of 1

Agenda Title: RESOLUTION – Authorization to Accept Equipment from Richmond Metropolitan Medical Response System

Me	dical Respo	onse System	
For Clerk's Us Data AY 2 (V) Approved () Denied () Amended () Deferred t	<u>6 2009</u>	BOARD OF SUPERVISORS ACTION Moved by (1)	YES NO OTHER Donati, J Glover, R Kaechele, D O'Bannon, P Thornton, F
· · · · · · · · · · · · · · · · · · ·	trailer fron	S, the Division of Fire wishes to accept a Western Shelter Tent System the Richmond Metropolitan Medical Response System ("MMRS"); are S, this equipment, purchased with grant funding, will be used to	nd
	County's e as part of t	mergency medical response resources during a mass casualty, disaster, he MMRS and, when not in use by Henrico County, will be available to S to augment a regional response to large scale mass casualty, disaster,	or terrorism event o other localities in
		IEREFORE, BE IT RESOLVED that the Board of Supervisors of the County Manager to accept this equipment on behalf of the Divi	
			· .
	Comments concurs.	: The Fire Chief recommends approval of this Board paper; the	County Manager
٠.			
· By A	gency Head	edwii M. Snu By County Manager Jugs X	Kyld

Certified:

Clerk, Board of Supervisors



COUNTY OF HENRICO, VIRGINIA BOARD OF SUPERVISORS MINUTE

Agenda Item No. 148-09

Page No. 1 of 1

Agenda Title: RESOLUTION - Authorization to Apply for and Accept Grant - Energy Efficiency and Conservation Block Grant

For Clerk's Use Only:	BOARD OF SUPERVISORS ACTION	YES NO OTHER
Date: Y 2 6 2009 (V Approved Y () Denied () Amended () Deferred to:	Moved by (1) Seconded by (1) Seconded by (2) (2) (2)	Donati, J. Glover, R. Kaechele, D. O'Bannon, P. Thornton, F.

WHEREAS, pursuant to the American Recovery and Reinvestment Act of 2009 the County of Henrico has been allocated the sum of \$2,791,000 by the U.S. Department of Energy's Energy Efficiency and Conservation Block Grant program; and

WHEREAS, the allocation will fund infrastructure improvements that will reduce energy consumption in Henrico County and Henrico County School facilities; and

WHEREAS, the facilities impacted by this funding will realize improved and sustained energy efficiencies.

NOW THEREFORE, BE IT RESOLVED BY THE Board of Supervisors of Henrico County:

- 1. The County Manager is authorized to execute and submit a grant application in the amount of \$2,791,000 to the United States Department of Energy in order to fund infrastructure improvements that will reduce energy consumption and improve the environment in Henrico County.
- 2. The County Manager is authorized to accept the grant and execute all acceptance documents related to the grant program.

Comments: The Director of General Services, the County Manager concurring, recommends approval of this Board paper.

By Agency Head	Pal	Mark	By County Manager	Sings & Hayles
Routing: Yellow to: Copy to:	·		Certified: A Copy Teste:	Clerk, Board of Supervisors
	•		Date:	



COUNTY OF HENRICO, VIRGINIA BOARD OF SUPERVISORS MINUTE

Agenda Item No. 149-09 Page No.

Agenda Title

RESOLUTION - To Accept The Virginia Wireless E-911 Services Board Award To The County Of Henrico, Division Of Police, For Upgrading the GIS Mapping Software In The Emergency Communications Center.

		Γ
For Clerk's Use Only:	BOARD OF SUPERVISORS ACTION	
Date [Approved [] Denied [] Deferred to	Moved by (1) D'Barman Seconded by (1)	YES NO OTHER Donati, J. Glover, R. Kaechele, D. O'Bannon, P. Thornton, F.

WHEREAS, The County of Henrico, Division of Police is responsible for emergency services in the County through the Emergency Communications Center; and

WHEREAS, The Division of Police maintains this Public Safety Answering Point (PSAP) to the highest standards; and

WHEREAS, The County of Henrico, Division of Police, applied for and was awarded \$60,870 in PSAP funds from the Virginia Wireless E-911 Services Board to upgrade the Geographical Information System (GIS) mapping software throughout the Emergency Communications Center.

NOW, THEREFORE, BE IT RESOLVED, That the Board of Supervisors of Henrico County accepts this grant award and authorizes the County Manager to sign appropriate agreement.

COMMENT: The Chief of Police and the County Manager recommend approval of this resolution. There are no local funds involved.

By Agency Head The Danley	By County Manager Suy & Hayell
Routing: Yellow to:	Certified: A Copy Teste:
Copy to:	Clerk, Board of Supervisors Date:



RECEIVED

APR 2 9 2009

County of Henrico Police Planning

COMMONWEALTH of VIRGINIA

Virginia Wireless E-911 Services Board

April 28, 2009

Dorothy Spears-Dean PSC Coordinator (804) 416-6201

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Albert F. Vincent Virginia Dept. of Emergency Management Captain Carl A. Mueller Henrico County Emergency Communications Henrico County Division of Police P. O. Box 90775 Henrico, Virginia 23273-0775

Dear Captain Mueller:

This letter is in reference to your grant application for consideration under the FY10 PSAP Grant Program.

Henrico County Emergency Communications requested grant funding for a 911 mapping software upgrade. I am pleased to advise you that the Virginia Wireless E-911 Services Board has approved your request. You have been awarded \$60,870. Also, please be advised that this award does not require a match of local funds.

Funding for this grant award will be available after July 1, 2009. However, in accordance with stricter controls and regulatory oversight being deployed throughout the Commonwealth of Virginia, the E-911 Wireless Services Board has identified guidelines for requesting draw down against this grant award that differ from previous grant award years.

The attached Public Safety Grant Payment Request Form must be completed in its entirety and submitted electronically to the contact identified on the form. A cost schedule or final vendor quote that substantiates the amount requested must be attached to the request form.

If there are changes to your initial budget summary submitted during the application process, submit it with the request. (NOTE: Your grant award will not change as a result of budgetary changes.) Supporting documentation may be submitted electronically. Once the project is complete, you will need to close out the grant award for the period awarded.

Henrico County Emergency Communications April 28, 2009 Page Two

Congratulations on your grant award! If you have any questions, please do not hesitate to contact me or your Regional Coordinator.

Sincerely,

Dorothy A. Spears-Dean

PSC Coordinator

Primary PSAP Applicant(s)

Question	Answer	<u>Notes</u>
General (Part 1)		
Grant Title	Richmond-Henrico Data Replication	
Grant Fiscal Year (July 1 - June 30)	2010	
Tier	STRENGTHEN	Options: A: Replacement of Out of Service wireless E-911 equipment to enable primary PSAP to maintain current service levels to the general public B: Replacement of Non-Vendor Supported wireless E-91 equipment or service to enable primary PSAP to maintain current service levels to the general public C: Consolidation D: Replacement of Technically Outdated wireless E-911 equipment or service to enable primary PSAP to maintain current service levels to the general public E: Strengthen current equipment and service delivery capability by upgrading existing wireless E-911 related equipment or services F: Broaden or increase the delivery of wireless E-911 equipment or services beyond established minimum functional standards
General (Part 2)		
	Enhancement	Options:
Grant Program		A: Continuity and Consolidation B: Enhancement
Grant / Togram		Not required if Consolidation Project
	Regional Initiative	Options: A: Individual PSAP B: Regional Initiative
Grant Type		Not required if Consolidation Project
<u> </u>		
General (Part 3)		
Project Focus	GIS HIGH PRIORITY	Options (If Grant Program is "Continuity and Colsolidation" A: CPE (CPE) B: Mapping system (MAPPING) C: Mapping servers and workstations (MAPPING SUPPORT) D: GIS' high priority (refer to GIS-related Grant Request Prioritization Matrix for a description of GIS projects that would have a high funding priority) (GIS HIGH PRIORITY) E: Voice recorders and logging systems (VOICE) F: Computer-Aided Dispatch (CAD) G: Call accounting equipment (CALL) H: GIS. medium priority (refer to GIS-related Grant Request Prioritization Matrix for a description of GIS projects that would have a medium funding priority) (GIS MEDIUM) I: Time Synchronization (TIME SYNCH) J: Computer system networking improvements for primary items (NETWORK) K: Other Continuity and Consolidation items A: Next Generation 9-1-1 (NG) B: Recruitment of personnel (RECRUIT) C: Training of personnel (RECRUIT) C: Training of personnel (TRAIN) D: Transportable back-up for PSAP primary operational items (TRANSPORTABLE BACKUP) F: Fixed back-up for primary PSAP operational items (FIXED BACKUP) F: Radio consoles (CONSOLES) G: GIS: high priority (refer to GIS-related Grant Request Prioritization Matrix for a description of GIS projects that would have a high funding priority) H: GIS: low priority (refer to GIS-related Grant Request Prioritization Matrix for a description of GIS projects that would have a low funding priority) I: EMD POICE Dispatch Fire Dispatch Stoware or protocols (not funded through another grant program) A: Other Enhancement Items (OTHER)
Priority	1	Number to represent the relative priority of this grant application compared to any others you have.
General (Part 4)		
Host Applicant	Henrico County	Required only if Regional Initiative
	Henrico County	Separate multiple entries by commas

Separate multiple entries by commas

Henrico, County of; Richmond, City of

Primary PSAP(s) serve the following Jurisdiction(s)		
Project Director	7	<u> </u>
Project Contact	Juston Manville	-
Title	GIS Coordinator	
Address	County of Henrico P.O.Box 90775 Henrico, VA 23273-0775	
Phone	804-501-5769	Eg: (nnn) nnn-nnnn Ext. nnnn
Fax	804-501-7470	Eg: (nnn) nnn-nnnn Ext. nnnn
Email	man86@co.heπrico.va.us	Eg: name@company.com
Regional Initiative	7	
The relationship of the initiative to the participating PSAPs	This project is part of both localities' long-term commitment to improve regional response capabilities and emergency planning. The reliability of the data and ability to maintain it more efficiently is paramount to the successful application of these CAD systems and overall situational awareness. Henrico and Richmond initially hope to prove the usability and usefulness of the ArcGIS Server Advanced Enterprise capabilities in this smaller test case (within the two-locality project scope), then extend the opportunity to cooperate with other neighboring localities in the same fashion. This project would be the first of its kind in the Central Virginia region, and following its successful completion the VA Information Technology Agency〙s (VITA) Integrated Services Program (ISP) may also opt to participate in geodatabase replication solutions with Henrico and Richmond. It should once again be highlighted that the benefits and outcomes from this project will extend beyond the scope of just the 911 centers. Establishing a robust, stable, and reliable GIS infrastructure should actually be prerequisite to committing to provide GIS services to the larger GIS community. All agencies in both Henrico and Richmond will be able to rely on GIS services that meet their business requirements with reduced likelihood for failure by the shared infrastructure.	
Intended Collaborative Efforts	The goal of Henrico and Richmond's regional project is to improve regional response capabilities and emergency planning, benefiting E-911, by implementing both ArcGIS Server Advanced Enterprise (AGS) software and supporting hardware architecture for deploying new GIS capabilities. These capabilities as outlined below are the following: 1. Enable editing GIS address and street information directly from the field; 2. Support geodatabase replication between our localities to share near-real time GIS data, which will be immediately available for use in both localities' Computer Aided Dispatch (CAD) applications and E.O.C. analysis scenarios. 3. Produce geospatial information (by acquiring a plotter for Richmond only) on hardcopy media to support planning and decision-making capabilities.	Required only if Regional Initiative
	Staff Resources Consulting Services Project Management Data	Required only if Regional Initiative
Resource Sharing	Data	
How the initiative impacts the operational or strategic plans of the participating agencies:	Upon completion of this project, Richmond and Henrico will achieve greater efficiencies when address and street data can be one-time updated on a regular basis via mobile field data management techniques. With the additional benefit of having the data replicated in the ArcGIS Server environment, data updates to the PSAP in both localities can now be handled on a near-real time basis, ensuring that the PSAPs will have the most current and accurate mapping data possible at a regional level. 911 Center staff will be able to have large size maps plotted out of any aspect of their calls for service and any other geospatial information. These working maps can be used in the office for planning and evaluation of information, or supplied to emergency responders who deploy into the field.	Required only if Regional Initialive

Consolidation Project		
How would a consolidation take place and provide improved service:		Required only if Consolidation Project
How should it be organized and staffed:		Required only if Consolidation Project
What services should it perform:		Required only if Consolidation Project
How should policies be made and changed:		Required only if Consolidation Project
How should it be funded:		Required only if Consolidation Project
What communication changes or improvements should be made in order to better support operations:		Required only if Consolidation Project
Financial Data		<u> </u>
Amount Requested	\$314,500	
Total Project Cost	\$314,500	
<u> </u>	1	
Statement of Need		(
	The county and the city share a continuous 35-mile long irregular corporate boundary which wraps all the way around the city from the western to the south eastern section of the city. This boundary represents 66% of the total 53-mile perimeter of the city. As the city of Richmond sees itself as largely encapsulated by the county of Henrico, the county sees the area of the city nestled firmly in between its western and eastern portions, where there is a mapping void. Therefore, our localities fit together like two jigsaw puzzle pieces; the city snaps into the void resulting from Henrico's semi-circular shape around the city. (A map is attached to this grant application.) Henrico and Richmond have long partnered and provided public assistance across our lengthy corporate boundary when necessary. But there are many secondary benefits that the localities will realize from this project as well. In addition to providing public safety assistance across our shared jurisdictional boundary, the city and county have a long history of sharing (providing services for) the same public water utility and natural gas utility. Simply stated, the city and county have many interdependencies, and data sharing is of paramount importance to meet both E-911 and other critical regional efforts. We need GIS solutions for maintaining our situational awareness of current infrastructures. Even our agencies outside of emergency services, like Public Works, Public Utilities, and Offices of Emergency Management will realize tremendous advantages in this type of immediate data sharing. By keeping one another apprised of and updated with the most current geospatial information, we'II enhance and support cross-agency and regional needs. Other important benefits will be realized with the Mobile GIS solution. Each deployment of ArcGIS Server Advanced Enterprise comes with 50 field client licenses. Building upon the success of addresses and street maintenance activities, these capabilities can be deployed for numerous other business cases: eme	This statement should reference the relationship to the current funding priorities established by the Grant Committee and include evidence of any financial need. A Additional items to discuss that reference need should include impact on operational services; consequences of not receiving funding, inclusion of project in a long-term or a strategic plan; and, local sustainability

Statement of Need

response/incident capture, asset management, utilities. community development, environmental studies and data capture, etc. This project addresses the continuation of improvements and enhancements to the geographic information systems (GIS) that support the E-911 systems in both the County of Henrico and the City of Richmond. In the ever evolving world of Environmental Systems Research Institute's (ESRI) GIS software, new capabilities are made available for improving data maintenance, increasing our efficiencies, and enabling real-time geospatial data exchanges The most recent and significant GIS solution that will help the E-911 centers in these localities is ESRI's â€⊕ArcGIS Server Advanced Enterprise.â€□ Our regional project will focus on the implementation of both the ArcGIS Server software and supporting hardware architecture that will enable us to deploy the proposed GIS solutions. Purchasing, or even upgrading, to ESRI's newest version of AGS software is not a free upgrade and neither locality's GIS budget can afford to purchase AGS Advanced Enterprise. AGS Advanced Enterprise becomes important where the employees in both localities currently do not use mobile field automation solutions for collecting or managing address and street information. Current processes are completely manual. Employees will print hardcopy maps for use during field visits, where by they will draw and mark-up the map with their field inspection notes. Following their field work, the employees will return to their desk in order to enter and edit the address and street information. Both localities see the current methods described here as inefficient and cumbersome. We believe AGS Advanced Enterprise will allow us to achieve greater efficiencies through one-time edits of GIS addressing and streets information from mobile field computers. There are occasions when staff in the 911 centers request large size maps depicting calls for service and other geospatial information to support their planning activities and evaluations associated with public safety business. Currently, the city's 911 center can only provide 11x17-inch maps, which do not allow the mapping of too many features/elements in a legible way. The city 911 center needs the ability to plot large size mapping materials to give to public safety personnel when they are stationed in the field. We believe a plotter will address the hardcopy mapping needs of both 911 centers. In uncertain financial times The Count of Henrico is tightening its budget for FY 2009. Although GIS has been identified as a critical technology, it is expected that very little money will be allocated to move GIS Technology forward in FY2009. In order participate in what will certainly be an outstanding project with The City of Richmond; The Henrico County GIS Office will need financial assistance. The City faces a budget shortfall for FY 2009, which will likely be met through such extreme measures as a reduction in personnel and service costs expenditures during the fiscal year. It is predicable that these budget shortfalls will also have an impact for FY 2010. As a result, the City cannot implement this project without the benefit of financial assistance. There are a number of factors that have contributed to the current budget shortfall and are generally problematic for funding the project proposed here. First, Richmond has a very high rate of poverty, which increases the need for service provision, but limits the City's ability to generate revenue. According to the 2000 US Census, 21.4% of Richmond residents live below the federal poverty level, a rate far exceeding that of the US as a whole (12.0%). Other government measures provide additional insight into the extent of this problem. The US Department of Housing and Urban Development (HUD) maintains data on the number of people who are low- and moderate-income (LMI). HUD has identified 111,170 Richmond residents, 56.2% of the entire population (111,470 divided by 197,790) as being LMI. Another measure of poverty, a proxy measure of child poverty and well being often used in social services, is the number of public school children on the free and reduced lunch program. According to the Virginia Department of Education, 74% of Richmond Public School Students were eligible for free or reduced-price lunch programs in the 2006-2007 school year. To compound matters, Richmond has been losing population to the surrounding Counties. Richmond has lost more than one-fifth of population since 1970, from 249,621 in 1970 to 197,790 in 2000 (US Census Bureau). This trend in population loss can largely be attributed to the retaining of the poorest citizens who continue to live in the older infrastructure. An additional net population loss of 4.1% is projected by the year 2020 (Virginia Employment Commission). This loss of population has negatively impacted the City's tax base and, as a result, its ability to fund projects such as that proposed here. Second, related to poverty and directly

impacting revenue to the City is the low rate of homeownership. According to the 2000 Census, only 46.1% of occupied housing units in Richmond are owner-occupied, compared to 68.1 and 66.2% for Virginia and the US, respectively. Finally, unlike city/county governmental structures in other states, the governmental structure in Virginia precludes statutory linkages between independent cities like Richmond and Henrico. As is the case with many older urban centers, fiscal pressures have been exerted on Richmond in particular. Unlike many older urban centers, however, fiscal pressures exerted on Richmond are further exacerbated by the lack of fiscal linkages with surrounding county entities.

How will the grant be maintained and supported in the future, if necessary?

The County of Henrico and City of Richmond intend to perpetuate the results of the project through a combination of GIS general funds and funding associated with the operation of the emergency operations.

Project Description

Overview: This project proposes the implementation of ArcGIS Server Advanced Enterprise (AGS) software and supporting hardware architecture in Richmond and Henrico for deploying new GIS capabilities benefiting E-911. It is not the intent for both localities to have identical GIS infrastructures, but two thirds of the grant request budget proposal is to enable our GIS infrastructures to perform effectively. Both localities believe that without a sufficient system backbone, offering these services isn't truly attainable and will be very problematic. Each locality has a certain amount of existing infrastructure and its own architecture plans and methodologies for developing GIS architecture solutions that are reliable, expandable, and will meet the ever growing demands witnessed from GIS. While these GIS infrastructures may differ, they are each designed to better guarantee "up-timeâ€□ and responsiveness of the respective GIS systems; GIS services for mobile devises and GIS data replication (among the plethora of other existing and emerging GIS services) should be highly available with failover and the ability to manage high volumes of requests. The use of fault-tolerant architectures should be a core requirement of any production system. What are the IT architectural factors that must be addressed in order to reliably deliver mobile GIS and data replication solutions? Geodatabases: databases should exist on at least two servers that permit either an activepassive failover, or active-active solution. This ensures data availability in the event that one database server goes down. Application Servers: ArcGIS Server applications should be multi-tier; separating the database system from the application system on separate servers will distribute the processing loads. When possible, multiple application servers can be set up to balance request loads, just as having multiple database servers can distribute the load. Hardware Load-Balancers Load-balancers can help provide fault-tolerance and fail-over and manage incoming traffic to a series of servers and associated services. Map Caching: It is highly recommended to utilize ESRI's ArcGIS Server map caching to improve performance. This is a requirement for mobile GIS mapping solutions. Tile Caches take processing resources to generate the map tile images and a lot of storage space is also required for storing the images. The proposed architectures will enable two features for E-911. The first is to employ mobile field GIS maintenance solutions, which is immediately applicable for updating address and street files in our GIS systems. The second is to use geodatabase replication services for sharing geospatial information between localities. While the first two features are dependent upon GIS infrastructure upgrades. there is a third feature to the proposal: to procure a plotter for the Richmond E-911 center, which will support the mapping needs of staff. Our project will also ensure the successful deployment of these technologies by using highly experienced GIS Consultants that will become part of the implementation team. It is expected that the GIS Consultant will help address any technical difficulties and nuances with deploying ArcGIS Mobile solutions using ArcGIS Server Advanced Enterprise and geodatabase replication. These are essentially first generation solutions offered by ESRI, and our experiences tell us that we will need help from experts in this field. A qualified GIS Consultant will be found through a RFP process, managed by Henrico County. The RFP process will also help manage consulting costs. Goals: 1) ArcGIS Server Advanced Enterprise will allow both localities to use a mobile data service for mobile applications with access to the contents of a map document through a Web service. We will use ESRI's "ArcGIS Mobilea€⊕ solution. Our mobile solution will be designed to be

At a minimum, this description should include the following: an outline of goals and objectives, an implementation strategy and work plan, a list of the activities to be accomplished, a timeline, and identification of the longevity or sustainability of the project. A

Comprehensive Project Description

used by GIS applications running in handheld devices such as tablet PCs. This will allow us to discontinue the use of mark ups on hardcopy maps for both address field inspections and street corrections and verifications. We will achieve greater efficiencies through direct editing of GIS data from the field by trained professionals. 2) ArcGIS Server will allow the localities to share near real-time GIS data, such that when map data is edited by the GIS editing entity, it can be seen immediately by the partnering locality and will be immediately available for use in, or incorporation by, the emergency services mapping applications. Having access to the most current and correct GIS data is important for emergency response. It can be reiterated that by combining information from both localities, a common operating picture can be achieved. 3) Unrelated to the implementation of ArcGIS Server Advanced Enterprise infrastructures, the Richmond E-911 center does not currently have the ability to map out information on large size media for planning, decision-making and emergency responses. This grant proposes to install a large size plotter in that E-911 center to support the creation and output of geospatial information into the â€"hands-on' media. Project Activities: 1. Henrico will be the host applicant for the grant and, as such, will be serving as fiscal agent. Richmond will receive grant funds, services, and equipment through Henrico. As fiscal agent, Henrico will be responsible for conducting the procurement process necessary to secure the services of a qualified consultant, 2. Both localities will create a Project Working Group, 3, The GIS Coordinators of Henrico and Richmond will jointly create, monitor, and follow a Project Implementation Plan. 4. Procure or upgrade to ArcGIS Server Advanced Enterprise software, with price quotes from the State of Virginia's eVA contract, to obtain the best price possible. Procure the hardware to support the AGS infrastructure. Each locality will work with their own Procurement agencies' established contracts to obtain compliant hardware at the best price possible. 6. Establish private, secure computer network (bi-directional) between Henrico and Richmond with the assistance and cooperation of IT support staff to create, test and optimize the network. 7. Perform isolated and systemic testing to: a. Determine that network topography, security, protocols and throughput requirements for data replication are met. b. Validate end-to-end map data changes, file merges, file transfer, data backup. c. Identify and confirm all desired geo datasets are successfully replicating and integrated into both CAD systems, d. Validate ArcGIS Server's office-to-field through put and ArcGIS Mobile's field-to-geodatabase data changes. 8. Procure the ESRI recommended (proven) hardware solution to operate Mobile GIS software for use in the field. 9. Perform installation and testing, validation of GIS data editing functionality from mobile devises using AGS Advanced Enterprise software, 10. Procure the plotter to house in Richmond's 911 centers. The utilization of ESRI's replication technologies will serve

How will the equipment purchased support future technologies for PSAP readiness?

as a blueprint to incorporate GIS data from the Richmond-Henrico GIS user community. Emergencies, such as natural disaster events (e.g. hurricanes), are never restricted to the extent of a single locality and having this broader map base will be important to support a common operating picture. The PSAPs can use the established geodatabase replication services to exchange on-going event (e.g. call types) or infrastructure (e.g. gas lines) information from each other's jurisdiction during an emergency event to provide greater situational awareness.

Budget and Budget Narrative

The Henrico/Richmond Budget(s) are itemized in a spreadsheet that is included as an attachment to this grant application. The architecture diagrams proposed by each locality are also included in an attachment. The letter designations (A through T) on the itemized budget, architecture diagrams, and the narrative below will permit the reader to cross reference all requested items using these letters. Henrico Budget Narrative: (\$213K) Geodatabase Servers ï,§ A & C. Calls for two geodatabase servers (\$15K each). Having two geodatabase servers provides a higher degree of availability and reliability. Geodatabase RDBMS ï,§ B & D. Each of these two geodatabase servers will require SQLServer licensing

List the planned expenditures to be made with grant funds. A in lieu of a line item breakdown, an itemized cost schedule or detailed vendor prepared quote may be submitted as an attachment. A Also, briefly explains the reason for each requested budget item and provide the basis for its cost. A A A

ArcGIS Server Advanced Enterprise software purchase for the AGS server is needed â€" new (\$40) Mobile Device ï,§ G. A mobile device for GIS field work/updating is needed (\$5K) Communications Line i,§ H. If a VPN solution will not suffice, then a T1 circuit will need to be established (\$500/month) (\$6K) Consulting Services i,§ I. Henrico will be the prime on obtaining experienced GIS Consulting services to help both the county and the city implement mobile field solutions with ArcGIS Server Advanced and for geodatabase data replication. (\$110K) Richmond Budget Narrative: (\$101,500) Richmond already has its geodatabase availability and reliability solutions in place, so costs for these resources are not to be incurred. Application Servers i.§ J. K. Each of the 2 ArcGIS Server Advanced licenses does not currently have a server on which to run. The city uses Virtual Server environments ("Virtual Machinesâ€□ = VM) to host production servers. The shared cost model will permit the GIS Team to establish 2 server environments as VMs. (\$2K each) Application Software Upgrades i,§ L, M. Request to upgrade 2 of existing ArcGIS Server "Standardá€□ licenses to "Advanced.â€□ The use of multi-thread balancing across multiple application servers are highly recommended in Richmond's Geospatial Architecture Plan for providing stability and handling high-volume calls for services. (\$20K each) Application Load-Balancer I,§ N, O. Calls for building stability for ArcGIS Server application solutions by using a hardware load-balancer (as prescribed in their Geospatial Systems Infrastructure Plan). (\$10K, plus S \$4K for Ethernet connector) Virtual Machines Host Server i,§ P. A dedicated host machine will be established for managing the ArcGIS Server application servers and map tile-caching servers (\$12,500); including ESX software for running VMs. (\$7,000) (\$19,500 total) Tile Cache Processing Server ï,§ Q. While Henrico already has their ArcGIS Server tile caching solutions well planned, the city requests a tile cache processing VM server (\$2K), Tile Cache File Server ï,§ R. A tile cache VM file server for storing the precached images (\$2K, plus \$5 K for 1 T8 of Storage Area

Network (SAN) space to be allocated to this server) Mobile Device ï,§ S. A mobile device for GIS field work/updating is

needed (\$5K) Plotter ï,§ T. A plotter (10K)

(estim. \$7K) Application Server ï,§ E. An ArcGIS Server hardware server is needed (\$8K) Application Software ï,§ F. An

Budget and Budget Narrative

Evaluation

Evaluation: (How will project be evaluated and measured for achievement and success)

Short Term Outcomes: i,§ The county and the city will implement more efficient address maintenance solutions via ArcGIS Mobile, i.§ The localities will have more complete base mapping for their common operating picture. i,§ The localities will share near-real time changes in their address GIS data via replication services. Intermediate/Long Term Outcomes: ï,§ The county and the city provide a model that other PSAP候s can leverage to enable faster access to local and regional E-911 mapping data through establishing a best practice replication services framework; other Central Virginia localities, plus VITA ISP, can consider replication with Henrico and Richmond as well. i',§ Additional data, such as "eventâ€□ data, can be replicated/shared during emergency events. What measures will be used to determine outcomes? Our project will follow the IT industry's well established project management methodologies. Successful implementation will be defined in terms of project milestones and final project deliverables. We have identified the following categories of our project, each of which will deliver on the following milestones: ArcGIS Mobile Solution: 1. Project Management Plan & Schedule 2. Project Kick-off 3. Requirements Definition 4. Meeting Agendas and Notes 5. System Architecture and Design 6. Acceptance Testing 7. User Sign-off ArcGIS Geodatabase Replication: 1. Project Management Plan & Schedule 2. Project Kick-off 3. Requirements Definition 4. Meeting Agendas and Notes 5. System Architecture and Design 6. Acceptance Testing 7. User Sign-off Richmond 911 Center Plotter: 1. Information Systems Request (ISR) for work to be performed 2. Hardware & Network Team Consultation 3. Installation 4. Acceptance Testing 5. User sign-off How will data be collected and how will evaluations be conducted? Evaluation data will be collected throughout the project as specific milestones are achieved. In particular, the data sources will include those milestone elements from our project management methodologies: ï,§ Regular Project Status Reports ï,§ Project Check-lists ï,§ Project Meeting Agendas & Notes i,§ Acceptance Test Plans i,§ User Sign-Off Documents How will data be presented? As part of the overall project, a Project Management Document (Plan and Schedule) shall be developed that incorporates each stage of the project, and provides an audit trail associated with the final short and long

PSAP10A Gra	Page 8 of 8	
	term outcomes, final project metrics, and achievement of specific project deliverables.	



Agenda Title:

COUNTY OF HENRICO, VIRGINIA BOARD OF SUPERVISORS MINUTE

RESOLUTION — Signatory Authority — Award of Contract — Fourmile Creek Trunk

Apenda Item No. 150-09

Page No. 1 of 2

Sewer Renabilitation — Phase 5 — Yamey Will Vent Facility			
Approved Denied Deferred to:	BOARD OF SUPERVISORS ACTION Moved by (1) Seconded by (1) (2) (2) REMARKS:	VES NO OTHER Donati, J. Glover, R. Kaechele, D. O'Bannon, P. Thornton, F.	

WHEREAS, in Bid Request No. 09-8618-3CE, the County solicited bids for the Fourmile Creek Trunk Sewer. Rehabilitation – Phase 5 – Yahley Mill Vent Facility in the Varina District; and,

WHEREAS, the project includes construction of a one-story brick building containing air venting and odor control equipment with related controls at a location west of Yahley Mill Road; and,

WHEREAS, the purpose of the air venting facility is to enhance wastewater flow in the piping system.

WHEREAS, six bids were opened on April 24, 2009, as follows:

BIDS .	BID AMOUNT
Mid Eastern Builders, Inc.	\$ 1,472,929.00
Southwood Builders, Inc.	\$ 1,580,171.00
English Construction Company, Inc.	\$ 1,620,580.00
T.A. Loving Company	\$ 1,670,000.00
Anderson Construction, Inc.	\$ 1,922,800.00
Master Electrical Services, LLC	\$ 1,973,300.00

WHEREAS, after review and evaluation of all bids received, County staff determined that Mid Eastern Builders, Inc. is the lowest responsive and responsible bidder.

NOW, THEREFORE, BE IT RESOLVED that the Board of Supervisors of Henrico County awards a contract for Fourmile Creek Trunk Sewer Rehabilitation — Phase 5 — Yahley Mill Vent Facility to the lowest responsive and responsible bidder, Mid Eastern Builders, Inc., in the amount of \$1,472,929.00.

BE IT FURTHER RESOLVED that the County Manager and Clerk are authorized to execute the contract, in a form approved by the County Attorney, and all necessary change orders not to exceed 15% of the original contract amount.



Comment:

COUNTY OF HENRICO, VIRGINIA BOARD OF SUPERVISORS MINUTE

Agenda Item No. 15209

Page No. 1 of 2

	Sewage Pumping Station — Greeley and Hansen LLC			
Agenda Title:	RESOLUTION — Award of Contract — Emergency Stand	by Power,	Strawberry	⁷ Hill

For Clerk's Use Only: MAY 2 6 2009 Date: () Approved () Denied () Amended () Deferred to:	BOARD OF SUPERVISORS ACTION Moved by (1)	Donati, J. Glover, R. Kaechele, D. O'Bannon, P. Thornton, F.
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WHEREAS, on February 6, 2008, the Department of General Services received six proposals in response to RFP #09-8577-1CS, Strawberry Hill Sewage Pumping Station, Emergency Standby Power; and,

WHEREAS, the scope of services includes design and construction services for emergency standby power for the Strawberry Hill Sewage Pumping Station; and,

WHEREAS, based upon review of the written proposals, the Selection Committee interviewed the following firms:

Greeley and Hansen LLC
Hazen and Sawyer
Wiley & Wilson

WHEREAS, the Selection Committee subsequently negotiated an agreement with Greeley and Hansen LLC in the amount of \$838,000.

NOW, THEREFORE, BE IT RESOLVED by the Henrico County Board of Supervisors that the contract for engineering services for emergency standby power for the Strawberry Hill Sewage Pumping Station is hereby awarded to Greeley and Hansen LLC in the amount of \$838,000; and,

BE IT FURTHER RESOLVED that the County Manager is authorized to execute the contract in a form approved by the County Attorney and amendments not to exceed 15% of the contract amount.

The Director of Public Utilities recommends approval of this resolution, and the County

N	Manager concurs.	•	
By Agency Head _	(Amauge on	By County Manager _	Jujb & Haylet
Routing: Yellow to:		Certified:	
Copy to:		A Copy Teste: _	Clerk, Board of Supervisors



Total Miles

By Agency Head

Yellow to:

COUNTY OF HENRICO, VIRGINIA BOARD OF SUPERVISORS MINUTE

Agenda Item No. 153-09

0.03 Mi.

Page No. 1 of 1

Agenda Title: RESOLUTION - ACCEPTANCE OF ROAD

For Clerk's Use Only:	BOARD OF SUPERVISORS ACTION	YES NO OTHER	
Date: () Approved () Denied () Amended () Deferred to:	Moved by (1) O'Barrien Seconded by (1) Donatu (2) REMARKS: DDR (2)	Donati, J. Glover, R. Kaechele, D. O'Bannon, P. Thornton, F.	
BE IT RESOLVED by the Board of Supervisors of the County of Henrico that the following named and described section of road is accepted into the County road system for maintenance.			
	Falcon Rest, Section C - Tuckahoe District		
Blairs Bluff Cou	art from Falconbridge Drive to 0.03 Mi. N. of Falconbridge Drive	<u>0.03 Mi.</u>	

Certified:

Date:

A Copy Teste:

Clerk, Board of Supervisors

FALCON REST SECTION C



