

FLUVANNA COUNTY BOARD OF SUPERVISORS REGULAR MEETING AGENDA

Circuit Courtroom, Fluvanna Courts Building June 19, 2019

Joint BOS and Planning Commission Work Session at 4:00 pm

Regular Meeting at 7:00 pm

TAB AGENDA ITEMS

A - CALL TO ORDER

B – PLEDGE OF ALLEGIANCE AND MOMENT OF SILENCE

C – JOINT WORK SESSION WITH PLANNING COMMISSION

Property Maintenance, Fire Protection Code, and Business License—Eric Dahl, Deputy County Administrator/Acting Director of Community Development & Brad Robinson, Senior Planner

E – CLOSED MEETING AND DINNER RECESS

RECESS – DINNER BREAK

RECONVENE @ 7:00pm

1 - CALL TO ORDER

2 - PLEDGE OF ALLEGIANCE AND MOMENT OF SILENCE

SPECIAL ACTION ITEM AND PRESENTATION

A Community Service Award Resolution Recognizing Catherine Garcia—Steve Nichols, County Administrator

Presentation of Community Service Award Resolution

3 - ADOPTION OF AGENDA

4 - COUNTY ADMINISTRATOR'S REPORT

5 – PUBLIC COMMENTS #1 (5 minutes each)

6 - PUBLIC HEARING

- B ZMP 18:01 Steven & Codie Peters / Colonial Circle Brad Robinson, Senior Planner
- C SUP 18:05 Steven & Codie Peters / Colonial Circle Density Brad Robinson, Senior Planner

7 - ACTION MATTERS

- D Appointment to James River Water Authority County Administration Representative—Steven M. Nichols, County Administrator
- E FCPS Bus Purchase FY20 CIP Budget Transfer—Don Stribling, Executive Director, FCPS
- F Project Agreement #2 with CRA for Burn Building Design Cyndi Toler, Purchasing Officer
- G SCADA Services Cyndi Toler, Purchasing Officer
- H Sick Leave Policy Update Jessica Rice, Human Resources Manager

7A - APPOINTMENTS

I JABA Advisory Council - Caitlin Solis, Clerk to the Board

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8 - PRESENTATIONS (normally not to exceed 10 minutes each)

- J VDOT Quarterly Report—Alan Saunders, VDOT, Louisa Residency
- K Palmyra Area Revitalization Committee (PARC) Update—Kris Krechoweckyj, PARC Member
- L Virginia Scenic Rivers Project-James River Eric Dahl, Deputy County Administrator

9 - CONSENT AGENDA

- M Minutes of June 5, 2019 Caitlin Solis, Clerk to the Board
- N Appointment of Zoning Administrator Miles—Steven M. Nichols, County Administrator
- Accounts Payable Report, May 2019—Mary Anna Twisdale, Director of Finance
- P FY19 Voluntary Contributions—Mary Anna Twisdale, Director of Finance
- Q FY19 Department of Social Services Share of Cost Allocation Funds—Mary Anna Twisdale, Director of Finance
- R FY19 Facilities Insurance Claim Fork Union Light Pole—Mary Anna Twisdale, Director of Finance
- S FY19 Facilities Vehicle Insurance VACORP 2013 Dodge Journey—Mary Anna Twisdale, Director of Finance
- T FY19 Facilities Vehicle Insurance VACORP 2016 Transit Cargo—Mary Anna Twisdale, Director of Finance
- U FY19 Facilities Vehicle Insurance VACORP 2019 Dodge Promaster—Mary Anna Twisdale, Director of Finance
- V FY19 Palmyra Fire Department Insurance VACORP Garage Door—Mary Anna Twisdale, Director of Finance
- W FY19 Sheriff Vehicle Insurance VACORP 2018 Dodge Charger—Mary Anna Twisdale, Director of Finance
- X FY19 Sheriff's Office Budget Transfer Unclaimed Body Charges—Mary Anna Twisdale, Director of Finance
- Y FY19 Reassessment Budget Transfer—Mary Anna Twisdale, Director of Finance
- Z Convenience Center Worker Position Description—Jessica Rice, Human Resources Manager
- A Park Maintenance Worker Position Description—Jessica Rice, Human Resources Manager
- B Pierce Group Benefits Service Agreement Amendment—Jessica Rice, Human Resources Manager
- C CRMF Request for Admin Building Sewer Line Repair—Dale Critzer, Asst. Director Public Works

10 – UNFINISHED BUSINESS

TBD

11 - NEW BUSINESS

Appointment Letter to Central Virginia Regional Jail Authority—Caitlin Solis, Clerk to the Board

12 – PUBLIC COMMENTS #2 (5 minutes each)

13 - CLOSED MEETING

TBD

14 - ADJOURN

Digitally signed by Steven M. Nichols

Date: 2019.06.13 10:46:42

-04'00'

County Administrator Review

PLEDGE OF ALLEGIANCE

I pledge allegiance, to the flag, of the United States of America, and to the Republic for which it stands, one nation, under God, indivisible, with liberty and justice for all.

GENERAL RULES OF ORDER

- 1. It shall be the duty of the Chairman to maintain order and decorum at meetings. The Chairman shall speak to points of order in preference to all other members.
- 2. In maintaining decorum and propriety of conduct, the Chairman shall not be challenged and no debate shall be allowed until after the Chairman declares that order has been restored. In the event the Board wishes to debate the matter of the disorder or the bringing of order; the regular business may be suspended by vote of the Board to discuss the matter.
- 3. No member or citizen shall be allowed to use defamatory or abusive language directed at any member of the Board or other person, to create excessive noise, or in any way incite persons to use such tactics. The Chair shall be the judge of such breaches, however, the Board may by majority vote of the Board members present and voting to overrule the judgment of the Chair.
- 4. When a person engages in such breaches, the Chairman shall order the person's removal from the building, or may order the person to stand silent, or may, if necessary, order the person removed from the County property.

RULES OF PROCEDURE FOR PUBLIC HEARINGS

1. PURPOSE

- The purpose of a public hearing is to receive testimony from the public on certain resolutions, ordinances or amendments prior to taking action.
- A hearing is not a dialogue or debate. Its express purpose is to receive additional facts, comments and opinion on subject items.

2. SPEAKERS

- Speakers should approach the lectern so they may be visible and audible to the Board.
- Each speaker should clearly state his/her name and address.
- All comments should be directed to the Board.
- All questions should be directed to the Chairman. Members of the Board are not expected to respond to questions, and response to questions shall be made at the Chairman's discretion.
- Speakers are encouraged to contact staff regarding unresolved concerns or to receive additional information.
- Speakers with questions are encouraged to call County staff prior to the public hearing.
- Speakers should be brief and avoid repetition of previously presented comments.

3. ACTION

- At the conclusion of the public hearing on each item, the Chairman will close the public hearing.
- The Board will proceed with its deliberation and will act on or formally postpone action on such item prior to proceeding to other agenda items.
- Further public comment after the public hearing has been closed generally will not be permitted.

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2018-2019 STRATEGIC INITIATIVES AND ACTIONS

Α	SERVICE DELIVERY
A1	Work with FRA to identify support options for Fire and Rescue volunteers.
A2	Continue to research and evaluate county-wide broadband expansion opportunities.
А3	Hold review meeting on ordinance enforcement (trash, buildings, vehicles) with Health Dept., Planning, Building Inspections, Public Works, and County Attorney.
A4	Perform strategic review of existing and needed partnerships with local area support and other non-profit groups. (Needed? Effective? Consolidate resource contributions?)
A5	Improve partnership with the school system for shared use of county and school owned facilities.
A6	Identify and assess resident concerns about roadway and public safety issues, and coordinate with VDOT for appropriate actions.
А7	Initiate comprehensive review of the Hwy 53 corridor from Lake Monticello Road to Ruritan Lake Road (e.g., Safety improvements at LM Monish Gate; 3-way stoplight at Food Lion; sight improvement at Ruritan Lake Road and Hwy 53; etc.)
В	COMMUNICATION
B1	Assess options to communicate more efficiently, effectively, and economically with Fluvanna residents.
B2	Marketing campaign to let residents know about accomplishments and where their tax dollars go.
В3	Meet with local Pastors to discuss effective communications and community support.
B4	Promote tax due dates, public hearings, etc., in FAN Mail.
B5	Expand County Website to receive, answer, and post questions from residents.
В6	Hold an Elected Official's Breakfast for our State Representatives in Fall of 2018
В7	Hold an Elected Official's Breakfast for our State Representatives in Fall of 2019
B8	Conduct 2019 Fluvanna County Residents Survey and analyze results.
С	PROJECT MANAGEMENT
C1	Continue Columbia area renewal efforts including improved enforcement of County/State codes and Health Department regulations.
C2	Complete a Master Water and Sewer (Plan Phase I) to identify sources for the county's long-term water needs; particularly for each of its community planning areas.
СЗ	Incorporate well-drilling logs provided by the Fluvanna Health Dept. into the county's geographic information system (GIS).
C4	Create master report and marketing plan regarding County tower assets and rental options.
C 5	Investigate the use of Overlay Zones for the Zion Crossroads Community Planning Area to support economic development.

C6	Create a County-wide overlay map showing utilities and other key features that support business growth and development.
С7	Review and pursue opportunities and options for a Palmyra Village Streetscape project to improve safety, parking, walkability, and overall appearance.
C8	Successfully oversee and manage Fluvanna County aspects of the James River Water Project.
С9	Successfully oversee and manage the design and construction of the Zion Crossroads water and sewer system.
C10	Pursue Phase II of Fork Union streetscape project.
D	ECONOMIC DEVELOPMENT AND TOURISM
D1	Draft and adopt a formal County-wide economic development and tourism strategy inclusive of an implementation schedule.
D2	Develop a "This is Fluvanna County" video message to be shared with county citizens and businesses as well as use with county economic development initiatives.
D3	Coordinate development activity at Fluvanna's northern border with Louisa County, including possible natural gas line along 250 and discussing "shared" parcels.
D4	Conduct 2018 local Business Climate Survey and analyze results.
D5	Hold an Economic Development Discussion Forum for local businesses with planning, zoning, building inspections, infrastructure components.
D6	Investigate and pursue with State offices the installation of select Boat Ramps along the Rivanna and James Rivers to support additional recreational and tourism opportunities.
D7	Investigate opportunities for park expansion or Rivanna River access points to support expanded recreational activities
D8	Investigate allowing large lot subdivisions in A-1 as alternative to current cluster subdivisions. (Amend the zoning and subdivision ordinances to allow for varying lot sizes, from small clustered lots to large parcels suitable for continued farming and rural living.)
D9	Review higher density options between PDA and R4.
D10	Review options, pros, cons, costs, etc., of creating a "teaching farm" at PG Park,
E	FINANCIAL STEWARDSHIP AND EFFICIENCY
E1	Review local business license/registration options and pros/cons.
E2	Reduce the County's reliance on creating and mailing paper checks for payments and implement expanded ACH/EFT transaction options.
E3	Create monthly Treasurer's Report for BOS Package and quarterly in-person briefing on the data.
E4	Implement credit card payment option for citizen at all County funds collection points through MUNIS Cashiering process.
E5	Expand Fluvanna County Website Data Dashboard with key metrics.
E6	Implement easy to access electronic format code of ordinances (MuniCode or similar).

FLUVANNA COUNTY BOARD OF SUPERVISORS AGENDA ITEM STAFF REPORT

TAB A

MEETING DATE:	June 19, 201	June 19, 2019							
AGENDA TITLE:	Community S	Community Service Award Resolution – Catherine Garcia							
MOTION(s):	I move to approve the Community Service Award Resolution honoring Catherine R. Garcia, as presented.								
STRATEGIC INITIATIVE?	Yes	No		If yes, list initiativ	ve(s):				
		X							
AGENDA CATEGORY:	Public Hearing		Matter	Presentation	Conse	nt Agenda	Other		
7.02.107.107.11207.11		Х	X						
STAFF CONTACT(S):	Steven M. Nic	hols, Coun	ty Admin	istrator					
PRESENTER(S):	Steven M. Nic	hols, Coun	ty Admin	istrator					
RECOMMENDATION:	Approval								
TIMING:	Routine								
DISCUSSION:	To honor Mrs. Garcia's significant community contributions.								
FISCAL IMPACT:	N/A								
POLICY IMPACT:	N/A								
LEGISLATIVE HISTORY:	N/A								
ENCLOSURES:	Resolution								
REVIEWS COMPLETED:	Legal	Fina	nce	Purchasing		HR	Other		

FLUVANNA COUNTY BOARD OF SUPERVISORS AGENDA ITEM STAFF REPORT

TAB B

MEETING DATE:	June 19, 2019						
AGENDA TITLE:	ZMP 18:01 –	ZMP 18:01 – Steven L. and Codie C. Peters / Colonial Circle					
MOTION(s):	If Approved with density increase: I move that the Board of Supervisors approve ZMP 18:01, a request to amend the Fluvanna County Zoning Map with respect to 61.95 acres of Tax Map 8, Section A, Parcel A14A, to rezone the same from A-1 Agricultural, General and B-1 Business, General to R-3, Residential Planned Community, subject to approval of a special use permit for an increase in density between 3 and 10 residential units per acre (325 units) as shown on the enclosed preliminary master plan and in accordance with Section 22-7-8 of the Fluvanna County Code. If Approved without density increase: I move that the Board of Supervisors [approve/defer] ZMP 18:01, a request to amend the Fluvanna County Zoning Map with respect to 61.95 acres of Tax Map 8, Section A, Parcel A14A, to rezone the same from A-1 Agricultural, General and B-1 Business, General to R-3, Residential Planned Community, subject to submittal of a preliminary master plan for a maximum gross residential density of 2.9 units per acre (179 units) in accordance with Section 22-7-8 of the Fluvanna County Code. If Denied: I move that the Board of Supervisors deny ZMP 18:01, a request to amend the Fluvanna County Zoning Map with respect to 61.95 acres of Tax Map 8, Section A, Parcel A14A, to rezone the same from A-1 Agricultural, General and B-1 Business, General to R-3, Residential Planned Community.						
STRATEGIC INITIATIVE?	Yes	No X		If yes, list initiativ	/e(s):		
AGENDA CATEGORY:	Public Heari	ng Action	Matter	Presentation	Cons	ent Agenda	Other
STAFF CONTACT(S):	Brad Robinso	n, Senior Pla	anner				
PRESENTER(S):	Brad Robinso	n, Senior Pla	anner				
RECOMMENDATION:	At its meeting on May 7, 2019, the Planning Commission recommended approval of ZMP 18:01 subject to submittal of a preliminary master plan for a maximum gross residential density of 2.9 units per acre (4-1); Mrs. Murray-Key moved to recommend approval, Mr. Zimmer seconded. AYES: Bibb, Lagomarsino, Murray-Key and Zimmer. NAYS: Johnson.						
TIMING:	Immediate de	ecision requ	ested at c	urrent meeting.			
DISCUSSION:	Map 8, Section	A request to amend the Fluvanna County Zoning Map with respect to 61.95 acres of Tax Map 8, Section A, Parcel A14A, to rezone the same from A-1 Agricultural, General and B-1 Business, General to R-3, Residential Planned Community.					
FISCAL IMPACT:							

POLICY IMPACT:	 Regarding ZMP 18:01, the Board of Supervisors may: Approve this request, allowing the Fluvanna County Zoning Map to be amended; OR Deny this request, preventing the Fluvanna County Zoning Map from being amended; OR Defer this request and make a final decision at a later date. 						
LEGISLATIVE HISTORY:	Review of a proposed Zoning Map Amendment in accordance with Chapter 22, Article 17 of the Fluvanna County Code (Zoning Ordinance). ATIVE HISTORY: Application was received on December 3, 2018. Planning Commission reviewed the request on May 7, 2019.						
ENCLOSURES:	Staff Report (with accompanying attachments)						
REVIEWS COMPLETED:	Legal	Finance	Purchasing	HR	Other		
					X		



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STAFF REPORT

To: Fluvanna County Board of SupervisorsFrom: Brad RobinsonCase Number: ZMP 18:01District: PalmyraTax Map: Tax Map 8, Section A, Parcel A14ADate: June 19, 2019

General Information: This request is to be heard by the Board of Supervisors on

Wednesday, June 19, 2019 at 7:00 pm in the Circuit Court

Room in the Courts Building.

Owner: Steven L. & Codie C. Peters

Applicant: Steven L. & Codie C. Peters

Representative: Shimp Engineering

Requested Action: To amend the Fluvanna County Zoning Map with respect to 61.95

acres of Tax Map 8, Section A, Parcel A14A, to rezone the same from A-1 Agricultural, General and B-1 Business, General to R-3,

Residential Planned Community. (Attachment A)

Location: The property is located on the northeast corner of the intersection

of Thomas Jefferson Parkway (Route 53) and Lake Monticello Road (State Route 618). The property is within the Rivanna Community Planning Area and the Palmyra Election District.

(Attachment B)

Existing Zoning: A-1 Agricultural, General and B-1 Business, General

(Attachment C)

Proposed Zoning: R-3, Residential Planned Community

Existing Land Use: Vacant/undeveloped

Planning Area: Rivanna Community Planning Area

Adjacent Land Use: Adjacent properties are zoned A-1 and R-4, Residential Limited.

Zoning History: ZMP 15:02 was approved October 21, 2015 for approximately 21.5

acres of Tax Map 8-A-A14A. (Attachment D)

Timeline of events:

- Application received December 3, 2018
- Technical Review Committee meeting held December 13, 2018
- Planning Commission work session held January 8, 2019
- Neighborhood meeting held January 16, 2019
- Planning Commission voted 5-0 on February 12, 2019 to defer public hearing to the next meeting due to the traffic analysis being incomplete
- Planning Commission voted 5-0 on March 12, 2019 to approve applicant's request to defer (traffic analysis still underway)
- Completed traffic analysis forwarded to VDOT on March 26, 2019
- VDOT comments received on April 19, 2019
- Planning Commission public hearing May 7, 2019
- Revised master plan received June 7, 2019

Technical Review Committee:

The following comments are the result of the Technical Review Committee meeting that was held on Thursday, December 13, 2018:

- 1. Planning staff asked about the price of the housing and what type of commercial uses are proposed. Some desirable uses are allowed by right while others may require approval of a special use permit in the future.
- 2. Building Inspections did not have any comments.
- 3. Chamber of Commerce did not have any comments.
- 4. Department of Forestry did not have any comments.
- 5. Erosion and Sediment Control noted the absence of adequate receiving natural channels on or adjacent to the site. The applicant stated an intent to use the VA DEQ "energy balance equation" to reduce post development discharges to a level that does not require proof of adequate receiving channels.
- 6. Fire Chief had the following questions or comments (applicant responses italicized):
 - Would like for the distance between fire hydrants to be 800 feet or less.
 - What will the width of the streets would be? (Between 20 and 25 feet, and alleys would be less than 20 feet.) Will there be parking on the alleys? (Yes.) At least 18 feet width is needed for a ladder truck.
 - Will the roads within the development be public or private? (*There will be a mixture of both public and private roads.*)
 - Fire Chief stated he would prefer not to have hammerheads as the terminus for streets, and that his comments also reflect the Virginia Department of Forestry and the Lake Monticello Volunteer Fire Department.

- 7. Health Dept. has not provided any comments at the date of this letter.
- 8. Sheriff's Office did not have any comments.
- 9. VDOT stated that the project will need to be coordinated with the roundabout construction. Official comments have not been provided at the date of this letter.

In response to the comments from the Fire Chief, the applicant revised the master plan and removed all hammerhead cul-de-sacs.

(Attachment E)

Neighborhood Meeting:

A neighborhood meeting was held January 16, 2019. There were nine (9) attendees including staff and the applicant. The attendees had the following questions or comments:

- How many units are proposed?
- Are there any amenities?
- How many stories are the apartments?
- Are there any turning lanes along Route 618?
- What is the lot size of the single-family dwellings?
- Will something be put up along the property line behind the single family homes?
- Is an exit proposed near the adjoining driveway?
- Has anyone considered congestion along Route 53?
- There are accidents at the intersection of Martin Kings Road and Route 53
- How many parking spaces total are proposed?
- Where is water going to come from for this development?
- Adding something like this adds an issue for residents of Lake Monticello
- Where is the entrance along Route 53 in relation to driveways across the road?
- What is the price point of proposed housing?
- How much square footage of retail is proposed?
- Is the retail portion under a height limit?
- Has VDOT commented on this proposal?
- Concerned about detention ponds
- Concerned about traffic and water tables
- Concerned about safety

In addition to the neighborhood meeting, the applicant held community meetings on February 25, 2019 and April 29, 2019 at Effort Baptist Church. There were over 40 attendees at the February 25th meeting and 13 attendees at the April 29th meeting. VDOT staff was also present at the April 29th meeting.

(Attachment F)

Statement of Intent:

The purpose of the A-1 District is "to conserve water and other natural resources, reduce soil erosion, protect watersheds and reduce hazards from floods; to preserve the rural character of the county; to promote existing and future farming and forestry operations; and to promote the retention of undisturbed open space." Additionally, "the provisions of this district are intended to significantly limit conventional and roadside strip development, especially on major arteries and commuter routes."

The B-1 District generally "covers those areas of the county as defined by the Comprehensive Plan that are intended for the conduct of general business to which the public requires direct and frequent access, but which is not characterized either by constant heavy trucking other than stocking and delivery of light retail goods, or by any nuisance factors other than occasioned by incidental light and noise of congregation of people and passenger vehicles."

The R-3 District "is intended to permit compact village-style residential development and associated institutional uses, community serving mixed uses, open spaces, and creative design in accordance with a master plan."

Analysis:

The applicant is requesting to rezone 61.95 acres of Tax Map 8, Section A, Parcel A14A from A-1 Agricultural, General and B-1 Business, General to R-3, Residential Planned Community. The subject property is located on the northeast corner of the intersection of Thomas Jefferson Parkway (Route 53) and Lake Monticello Road (State Route 618).

The applicant is proposing a mixed-use development to be known as Colonial Circle that will contain both commercial and residential uses. The commercial area will be located primarily along Lake Monticello Road with the remainder of the property containing various residential uses including single-family detached, single-family attached, two-family, multi-family and townhouse dwellings. The existing T-intersection of Thomas Jefferson Parkway and Lake Monticello Road is proposed by VDOT to be reconfigured into a roundabout as approved by a 2015 application for transportation funding. Construction on this project is estimated to begin in 2020. The master plan shows the proposed development with this project completed.

In accordance with Sec. 22-7-2, requests for a residential planned community must be accompanied by a master plan which governs the site after R-3 zoning is established. The master plan may be amended with approval by the Planning Commission. Sec. 22-7-10.E states that uses in a residential planned community shall be permissible only in the general location shown on the approved Master Plan as previously set forth.

The development will consist of five (5) sections shown as blocks on the master plan as follows:

Block A Open Space (15.2 acres, 0 units)

Block B Single-Family Detached and Two-Family Dwellings (4.8 acres, 30 units)

Block C Single-Family Detached, Two-Family, Single-Family Attached and Townhouse Dwellings (18.7 acres, 115 units)

Block D Single-Family Attached, Townhouse and Multi-Family Dwellings (9.7 acres, 200 units*)

Block E Commercial (12.2 acres, 0 units)

While the sum of the units listed above totals 345, the applicant proposes to maintain a maximum of 325 units which equates to 5.4 units per acre. If the maximum residential density of 325 units is reached prior to individual blocks reaching full residential build-out, individual blocks would not be built to the maximum residential density provided for individual blocks as outlined above. (The application initially proposed a maximum number of 418 residential units, which has been revised by the applicant since the May 7, 2019 Planning Commission meeting).

In accordance with Sec. 22-7-8, the maximum gross residential density permitted by right in the R-3 district is 2.9 units per acre, with a special use permit required for density between 3 and 10 units per acre. The by right density would allow the applicant approximately 179 units. Because the proposed number of units exceeds by right density, the applicant has also submitted a special use permit application (#SUP 18:05) which is being reviewed concurrently with this request. Approval of the special use permit would be subject to approval of this rezoning request.

The commercial retail area is proposed to have a maximum of 81,000 square feet allocated between several buildings of various sizes. The applicant has indicated potential uses in this area could include a gas station, car wash, laundromat, restaurant and a grocery store. All of these uses except a restaurant would require a separate special use permit approval at the time of their proposal in accordance with Sec. 22-7-9.2. All uses that are permitted by right are outlined in Sec. 22-7-9.1. Some commercial uses permitted by right include financial institutions, medical clinics, offices, pharmacies, small and general restaurants, and retail stores, among others.

Sec. 22-7-4 requires the development to contain a minimum of 25% for open space. The applicant has proposed 15.3 acres of open space which meets this requirement. In addition to providing open space, Sec. 22-7-12 requires a residential planned community with 101 or more residential units to have a minimum of eight acres of active recreation, and the applicant is required to provide three active recreation facilities from Group A and B below, and one facility from Group C below, as follows:

- Group A: Bicycling, walking, fitness, and equestrian trails, open play area (minimum ½ acre), sitting area, picnic table units, tot lot equipment, community gardens that may be located within the required open space
- Group B: Picnic shelter (3-4 picnic table units with grill), tennis court(s), multi-use court, active playground with equipment.
- Group C: Community Center/Clubhouse/ Fitness Center, Indoor Swimming Pool, Athletic fields for private unorganized activities (Baseball, football/soccer) minimum 2 acres

The development will contain a combination of public and private roads as permitted by Section 22-7-4. The residential sections will be served by public roads while the commercial section may contain a private road. Public roads will be required to be designed and constructed to VDOT standards. All private roads and shared parking areas will be governed and maintained by a homeowners association which will be required with the final master plan.

With regard to traffic external to the development, the master plan proposes a total of six entrances onto adjacent state roads: two entrances along Lake Monticello Road (State Route 618), one entrance at the roundabout, and three entrances along Route 53. Three of the six entrances are proposed as right-in/right-out only intersections that would prohibit left turn movement from Route 53 or Lake Monticello Road. VDOT traffic data from 2017 indicates Route 53 from the Albemarle County line to Ruritan Lake Road (State Route 660) had an average daily traffic volume of 7000 vehicles, while Lake Monticello Road from Route 53 to South Boston Road (State Route 600) had an average daily traffic volume of 3100 vehicles. This rezoning request does not meet the thresholds that require a traffic impact analysis in accordance with Code of Virginia 15.2-2222.1. However, VDOT did request the applicant to analyze how this development would affect a previous study conducted in 2016 for the proposed roundabout which did not include Colonial Circle at that time, in order to ensure the roundabout and entrances are adequate for the additional traffic generated by the proposed residential development. The principal findings from this study are:

- 1. No turn lanes or tapers are required for the right-in/right-out entrances (identified as Entrances 2 and 4).
- 2. A 200' left turn storage lane is warranted at three entrances (identified as Entrances 1, 5 and 6). No right turn lane or taper is warranted at any of these three entrances.
- 3. The roundabout entrance (identified as Entrance 3) will operate at level of service (LOS) B in 2025 build conditions, with all approaches operating at LOS B or better. (Level of service is used to determine how well a transportation facility is operating from a traveler's perspective, with LOS A representing the best operating conditions, and LOS F the worst.)

For purposes of the traffic analysis, the entrances were numbered 1 to 6 with progression from the entrance sighted furthest east on Lake Monticello Road as Entrance 1 toward the entrance sighted furthest north on Route 53 as Entrance 6.

Since initial submittal of this application, the applicant did revise the master plan to relocate the entrance sighted furthest north along Route 53 (Entrance 6) further south in response to concerns from adjoining property owners about its original proximity to their driveways and properties.

Sec. 22-7-4 states that a preliminary master plan must contain information regarding the adequate provision for general sewer, storm drainage, and water supply. The property is located within Aqua Virginia's service area who has expressed an interest in providing water and wastewater utility service provided terms and conditions for such an agreement are negotiated and all governmental approvals and permits are obtained. An "intent to serve" letter from Aqua Virginia to the applicant was included with the application at initial submittal.

If the rezoning and special use permit requests are approved, this development will then be subject to County site plan and subdivision review processes prior to the commencement of any site improvements or construction.

(Attachment G)

Comprehensive Plan:

Land Use Chapter:

The Comprehensive Plan designates this property as within the Rivanna Community Planning Area. According to this chapter, "the area is traditionally neighborhood residential, with primarily single-family detached dwellings. Surrounding growth should be a mixture of uses and residential dwelling types that serve a variety of incomes. Neighborhood mixed-use is needed to help offset the volume of single-family residential development in this community. Additional services and infrastructure are needed to accommodate more growth." Several priorities from previous studies for this area include:

- To increase traffic safety and improve flow at key intersections.
- To enhance existing commercial centers in appearance, design, and available services, focusing on "village center" concepts.
- To provide housing choices for a variety of age groups and income levels, appropriate to the area.
- To preserve the rural character of the surrounding area and protect natural resources.

The Rivanna Community Planning Area is the most developed planning area in the county and contains a mixture of residential and commercial uses to serve the population. A variety of retail, food service and professional service oriented businesses are located in and around the Rivanna CPA.

Economic Development Chapter:

According to this chapter, "the primary infrastructure service areas will be the Zion Crossroads, Lake Monticello, and Fork Union community planning areas".

Implementation Goals and Strategies:

B To protect rural areas through economic development.

(4) Offer incentives for building mixed-income housing, with an emphasis on workforce and affordable housing, in the community planning areas to maximize the use of existing transportation corridors, creating the level of density needed for attracting mixed-use development and creating vibrant, diverse, and healthy neighborhoods.

Housing Chapter:

According to this chapter, "the addition of more multifamily units to the housing mix would increase Fluvanna's housing options and availability." With regard to planning for an aging

population, "smaller homes to own or rent designed with seniors in mind should be encouraged in the planning process. As the population of the county continues to age, mobility will become a prominent issue. Rural seniors who are no longer able to drive face serious obstacles in accessing food and medical care. Fluvanna is certain to remain rural and automobile dependent, but creating options for non-drivers (compact, walkable areas, neighborhoods with mixed uses, and access to transit) is essential for allowing residents to thrive here throughout their lives." This chapter also encourages that "any rezoning application should be viewed as an opportunity to create some affordable housing (e.g., 15-20 percent of the units in the project)."

Implementation Goals and Strategies:

A To provide for most of the county's future housing needs within the community planning areas.

(3) Encourage housing in close proximity to commercial development so that the need for transportation to work is lessened.

B To provide a variety of well-planned housing choices.

(2) Allow for a mix of housing types and densities in individual developments (single and multifamily) as appropriate for the area and existing or planned infrastructure.

Planning Commission:

The Planning Commission considered this rezoning request at their May 7, 2019 meeting. Two citizens spoke during the public hearing in opposition to the request. Following the public hearing for this request, the Planning Commission opened the public hearing for the related special use permit SUP 18:05 during which two additional citizens spoke also in opposition.

After additional discussion, Mrs. Murray-Key moved to recommend approval of the rezoning subject to submittal of a preliminary master plan for a maximum gross residential density of 2.9 units per acre (which would only permit a maximum by-right density of 179 units). Mr. Zimmer seconded. The motion carried by a vote of 4-1. AYES: Bibb, Lagomarsino, Murray-Key and Zimmer. NAYS: Johnson.

Conclusion:

When reviewing this rezoning application, the Board of Supervisors should take into consideration any potential adverse impacts that the development may have on the Lake Monticello area. Traffic will be an important consideration since the Rivanna CPA is the most populated planning area in the county. This project appears to meet the intent of the R-3 district's design criteria and aspects by incorporating a variety of land uses and densities.

The subject property is located within a designated growth area but it is also important to consider that "it is not sufficient for an applicant to receive approval for a rezoning simply because a property is within a community planning area. Each application is considered by the

county to see if the proposed development is well planned within the context of the surrounding community."

The applicant has made an effort to listen to concerns from adjoining property owners and the surrounding community and adjust the site design based on their feedback. The applicant also held community meetings to help inform and update them about the project.

Suggested Motions:

If Approved with density increase:

I move that the Board of Supervisors approve ZMP 18:01, a request to amend the Fluvanna County Zoning Map with respect to 61.95 acres of Tax Map 8, Section A, Parcel A14A, to rezone the same from A-1 Agricultural, General and B-1 Business, General to R-3, Residential Planned Community, subject to approval of a special use permit for an increase in density between 3 and 10 residential units per acre (325 units) as shown on the enclosed preliminary master plan and in accordance with Section 22-7-8 of the Fluvanna County Code.

If Approved without density increase:

I move that the Board of Supervisors [approve/defer] ZMP 18:01, a request to amend the Fluvanna County Zoning Map with respect to 61.95 acres of Tax Map 8, Section A, Parcel A14A, to rezone the same from A-1 Agricultural, General and B-1 Business, General to R-3, Residential Planned Community, subject to submittal of a preliminary master plan for a maximum gross residential density of 2.9 units per acre (179 units) in accordance with Section 22-7-8 of the Fluvanna County Code.

If Denied:

I move that the Board of Supervisors deny ZMP 18:01, a request to amend the Fluvanna County Zoning Map with respect to 61.95 acres of Tax Map 8, Section A, Parcel A14A, to rezone the same from A-1 Agricultural, General and B-1 Business, General to R-3, Residential Planned Community.

Attachments:

- A Application, narrative and APO letter
- B Aerial vicinity map
- C Existing zoning map
- D ZMP 15:02 approval letter
- E TRC letter
- F Neighborhood Meeting sign-in sheet and comments
- G Proposed master plan (revised June 6, 2019)
- H Traffic impact analysis and emails
- I Email from Fluvanna County Public Schools
- J Correspondence from citizens
- K Proposed ordinance

Copy: Steven L. and Codie C. Peters, Owner/Applicant – <u>auburnhillfarm@earthlink.net</u>
Shimp Engineering, Representative – <u>justin@shimp-engineering.com</u> and <u>kelsey@shimp-engineering.com</u>
File



COMMONWEALTH OF VIRGINIA **COUNTY OF FLUVANNA Application for Rezoning**

Owner of Record: Steven L. & Codie C. Peters	Applicant of Record: Steven Peters
Address: 2390 Auburn Hill Farm Charlottesville, Va 22902	
Phone: Fax:	Phone: Fax:
Email: auburnhillfarm@earthlink.net	Email: same as owner
Representative: Shimp Engineering	Note: If applicant is anyone other than the owner of record,
Address: 912 E. High St. Charlottesville, Va 22902	written authorization by the owner designating the applicant as the authorized agent for all matters concerning
Phone: (434)227-5140 Fax:	the request shall be filed with this application.
Email justin@shimp-engineering.com, kelsey@shimp-engineering.c	com If property is in an Agricultural Forestal District, or Conservation Easement, please list information here:
Tax Map and Parcel(s) 8-A-A14A	
Acreage 61.95 Current Zoning A-1	Is parcel in Land Use Valuation Program? No Yes
intersection of Rt 53 and Rt 618	Deed Book and Page:
Location of Parcel: intersection of Rt 53 and Rt 618	If any Deed Restrictions, please attach a copy
Paguasted Zaning R-3 Proposed Use of Proposed mixed	use development with variety of housing types and various commercial uses
By signing this application, the undersigned owner/applicant au Commission, and the Board of Supervisors during the normal dis I/We, being duly sworn, depose and say that we are Owner/Contrfamiliarized ourselves with the rules and regulations of the Zoning	ract Owner of the property involved in this application and that we have g Ordinance with respect to preparing and filing this application, and
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COUNTY OF FLUVANNA Public Hearing Sign Deposit

Name:	Steven Reters		
Address:	2390 Auburn Hi	ll Farm	
City:	Charlottesville		The same and a second s
State:	VA	Zip Code:	22902
Incidents w	ertify that the sign issued to me is me hich cause damage, theft, or destruct of this deposit.		
2	3 Pet	>	30 NW 2018
Applicant	Signature		Date

Office Use Only										
Application #:	BZA_	-:	CPA	;	SUP_	:	ZMP	18:01	ZTA	
\$90 deposit pa	id per si	gn*: 🗸	±2776	#90		Approxim	ate date	to be return	ed:	



Commonwealth of Virginia

County of Fluvanna

Rezoning Application Checklist

The following information shall be submitted with the application and is to be provided by the applicant for the processing of the application:

Applicant most supply	Staff Checklist
Completed Rezoning Application signed by the current owner(s) or lessee or written confirmation from the current owner or lessee granting the right to submit the application	
Statement on proposed use of property and reason for rezoning	
 Ten (10) copies of plats showing existing and proposed improvements (if applicable) 	
Deed restrictions (if applicable)	
 Copy of the Tax Map showing the site (preferred) 	
General Location Map (preferred)	
Supporting photographs are not required, but suggested for evidence	

All maps and plans submitted are to be either 8.5"x 11" or 11"x 17". One original of any size may be for staff use at the public hearing.

Staff Only	Staff Checklist
Preliminary review by planning staff for completeness and content:	
Technical Review Committee review and comment	
Determine all adjacent property owners	
 Placed as a Public Hearing on the next available agenda of the Planning 	
Commission.	
Notification of the scheduled Public Hearing to the following:	
Applicant	
All adjacent property owners	
 Local Newspaper advertisement 	
Staff Report to include, but not be limited to:	
General information regarding the application	
 Any information concerning utilities or transportation 	
 Consistency with good planning practices 	,
 Consistency with the comprehensive plan 	
Consistency with adjacent landuse	
 Any detriments to the health, safety and welfare of the community. 	

For Applicant

The Rezoning Application fee is made payable to the County of Fluvanna.

Meetings for the processing of the application

Applications must be submitted by the first working day of the month to have the process start that month. Applications received after the first working day will have the process start the following month.

Process:

- 1. Placed on next available Technical Review Committee Agenda.
- 2. Placed as a Public Hearing on the next available agenda of the Planning Commission the following month. Staff Report and Planning Commission recommendation forwarded to the Board.
- 3. Placed as a Public Hearing on the next available agenda of the Board of Supervisors (usually the same month as the Planning Commission).

Applicant or a representative must appear at the scheduled hearings.

The Technical Review Committee provides a professional critique of the application and plans. The Planning Commission may recommend to the Board of Supervisors: approval; approval subject to resubmittal or correction; or denial of the special use permit.

Board Actions

After considering all relevant information from the applicant and the public, the Board will deliberate on points addressed in the Staff Report.

The Board may approve; deny; or defer the request pending further consideration; or remand the case back to the Planning Commission for further consideration.

With approval, the development may proceed.

If denied, an appeal to the Courts may be prescribed by law

No similar request for a Rezoning for the same use at the same site may be made within one year after the denial.

TMP: 8-A-A14A
Colonial Circle R-3 Zoning Request
and Special Use Permit for Additional Density
Project Narrative
December 3, 2018
Revised: June 12, 2019

Project Proposal:

This proposal is to rezone 61.95 acres from A-1 (40.45 acres) and B-1 (21.5 acres) to R-3 with a special use permit for additional residential density above 2.9 dwelling units per acre for a total of 325 residential units on the property. The site is located on the northeast corner of the intersection of S.R. 53 (Thomas Jefferson Parkway) and S.R. 618 (Lake Monticello Road). A roundabout is proposed by VDOT to replace the existing T-intersection adjacent to this site and this proposal assumes (as did the previously approved 21.5 acre commercial rezoning for this site) a completed roundabout by VDOT. No certificate of occupancy shall be issued on the property prior to completion of the roundabout.

Property Description/ Tax Map 8-A-A14A

Existing Conditions: 61.95 acres

Vacant

2-10% existing slopes

85-90% 1-2 year "scrub growth" (the site was recently logged)

A-1 (40.45 acres) and B-1 (21.5 acres) zoning Existing wetlands have not been located on the site

Proposed Use: R-3 Application Plan with a maximum development of:

81,000 square feet commercial 325 Maximum Residential Units

30 Single Family Detached and Two Family Dwelling Units

115 Single Family Detached, Two Family, Single Family Attached, +

Townhome Dwellings

200 Single Family Attached, Townhomes, + Multi-Family Units

Walkable neighborhood design components

Landscape Buffers along Lake Monticello Road and Th. Jefferson Pkwy Dwelling Units Per Acre (5.4 density calculated using 60.7 acres as property

total, excluding 1.25 Acre ROW dedication)

Surrounding Uses / List of Adjoiners:

TAX MAP	PARCEL	OWNER	ZONING	LAND USE
8-((A))	15	Shifflett, Roy Lee &	A-1	
		Crystal L.		Residential
8-((A))	4A	Harlow, Wayne H.	A-1	Residential
		Shifflett, Roy & Crystal		
8-((A))	5A	Et Al	A-1	Agricultural
8-((A))	23	Marks, Edward	A-1	Agricultural
		Shifflett, Roy & Crystal		
8-((A))	13	Et Al	A-1	Agricultural
		Bland, George B. & Jo		
8-(9)	5	Ann	A-1	Residential
		Lake Monticello Owners		
8-((A))	22B	Association	R-4	Campground
8-((A))	21	Effort Baptist Church	A-1	Church
		Peters, Steven L. &		Agricultural
8-((A))	A14	Codie C.	A-1	(Easement)
		Heinberg, Benjamin A. &		Agricultural
8-((A))	A14A	Elizabeth B.	A-1	(Easement)
		Spradlin, Lindsay L. &		,
8-((A))	11	Wife	A-1	Residential

Consistency with Comprehensive Plan:

Figure LU-13 on page 50 of the comprehensive plan designates this site as Neighborhood Mixed-Use (8-10 dwelling units per acre) while Figure LU-14 on page 51 designates this site as Neighborhood Residential with a proposed density of 4-8 dwelling units per acre. At a proposed density of 5.4 dwelling units per acre, the proposed development is at the lowest end of the density recommendations for the site outlined in the Comprehensive Plan. A density of 5.4 dwelling units per acre provides sufficient density to achieve the "missing middle" housing types, like townhomes, that are largely non-existent in Fluvanna County today. This site contains an approved 21.5 acre regional use (shopping center) and the Rivanna Community Plan recommends "clustering development around existing centers to preserve rural areas".

This zoning will achieve all four priorities (page 52), identified by Lake Monticello residents, for improving quality of life for residents inside and outside of Lake Monticello:

- To increase traffic safety and improve flow at key intersections.
- To enhance existing commercial centers in appearance, design, and available services focusing on "village center" concepts.
- To provide housing choices for a variety of age groups and income levels, appropriate to the area.
- To preserve the rural character of the surrounding area and protect natural resources...

Shimp Engineering 912 E. High St. Charlottesville, VA 22902

December 3, 2018

Mr. Brad Robinson
Fluvanna County Planning and Zoning
132 Main Street
P.O. Box 540
Palmyra, VA 22963

RE: Rezoning 2018-_____ Transmittal Letter, and Special Use Permit for Density of up to 10 DUA

TMP 8-A-A14A

Dear Mr. Robinson.

Please find ten (10) copies of the application plan and a project narrative included in this submittal for the Colonial Circle Rezoning and Special Use Permit Request for up to ten (10) Dwelling Units Per Acre. Sheet C8 "Consistency with the Comprehensive Plan" is included in the application plan and additionally is included as a separate 11x17 exhibit to show the planning maps in color. The Special Use Permit application requires a sketch plan on letter or tabloid size paper, however, due to the size of the property and the scale of the development, the project design is difficult to discern on smaller sized plots. Full-size plots have been provided to meet this requirement. Please let me know if you still would like smaller copies to conduct your review.

Please find hard copies of required application documents included in this submittal. Additionally, an "intent to serve" letter has been provided from Aqua Virginia. Aqua most recently reviewed the plan when it showed a maximum of 400 dwelling units; the plan has been updated to show a maximum of 418 dwelling units. We will work to get an updated letter from Aqua to address this change. It is our understanding a Special Use Permit will be required for major utilities. A special use permit will be submitted to accommodate a sewer to service the site and we will submit an application for this special use permit in the future. If you require any additional information to complete your review of the rezoning and special use permit request, please let me know at your earliest convenience. I look forward to working with you throughout this process.

Respectfully.

Kelsey Schlein

Received to open

Transport - It



October 27, 2018

By Electronic Delivery:
Kelsey Schlein, Shimp Engineering, P.C.
Colonial Circle R-3 Layout
201 E. Main Street, Ste M
Charlottesville, Virginia 22902
kelsey@shimp-engineering.com

Re: Proposal Colonial Circle R-3 Layout, Fluvanna County, Virginia

Dear Ms. Schlein;

Aqua Virginia ("Aqua") has reviewed the Residential Planned Community (R-3) Master Plan for Colonial Circle dated November 25, 2018, with a proposed 400 residential units and 81,000 SF of commercial space, located adjacent to the Lake Monticello utility service area. The developer has contacted Aqua with a request to provide water and wastewater utility service. Aqua has interest in doing so provided that the terms and conditions for such an agreement, including capacity, flows, monetary terms and other key terms, are negotiated into a final agreement and all required governmental approvals and permits are obtained.

Aqua Virginia, Inc., is a regulated Virginia public service corporation that is a wholly-owned subsidiary of Aqua America, Inc., a publicly-traded company whose shares are listed on the New York Stock Exchange under the ticker symbol "WTR". Aqua is one of the nation's largest investor owned water and wastewater utilities, founded in 1886, now serving more than three million people in eight states. Aqua has a market capitalization over \$6 billion. In Virginia, Aqua serves 173 communities and delivers services to over 80,000 residents. Aqua has a distinguished record and leads the industry in operating efficiency. We continuously invest using scale and experience to provide the most cost-effective utility services possible. Aqua and our utility rates are regulated by the Virginia State Corporation Commission (the "SCC"), the Virginia Department of Health (the "VDH"), and the Virginia Department of Environmental Quality (the "DEQ").

Should you have any questions or need to reach me, please call 804.310.0398 or email CLParkerIV@AquaAmerica.com.

Respectfully submitted,

Clifton L. Parker, IV, PE

Cliffer Pelin

Director, Business Development

Aqua Virginia, Inc.



"Responsive & Responsible Government"

132 Main Street P.O. Box 540 Palmyra, VA 22963 (434) 591-1910 Fax (434) 591-1911 www.fluvannacounty.org

December 7, 2018

Justin Shimp, P.E. Shimp Engineering 201 E. Main Street Charlottesville, VA 22902

Delivered via email to justin@shimp-engineering.com

Dear Mr. Shimp:

Pursuant to Sec. 22-7-3 (b) of Article 7 of the Fluvanna County Zoning Ordinance, the rezoning application (ZMP 18:01) and the Special Use Permit application (SUP 18:05) for Colonial Circle are hereby deemed to be complete applications.

Planning staff is reviewing these applications, and will provide comments at the Technical Review Committee meeting that is scheduled for Thursday, December 13, 2018 at 10 a.m. in the Fluvanna County Administration Building Morris Room.

If you have any questions, do not hesitate to contact me at (434) 591-1910 or jstewart@fluvannacounty.org.

Sincerely,

Jason M. Stewart, AICP Director of Planning & Community Development

Copy: File

Kelsey Schlein, Shimp Engineering – <u>kelsey@shimp-engineering.com</u>

BOS 2019-06-19 p.29/354

MEMORANDUM

Date: June 3, 2019
From: Valencia Porter

To: Eric Dahl

Subject: Board of Supervisors Meeting

Please be advised the attached letter went out to the attached list of Adjacent Property Owners for the June 19, 2019 Board of Supervisors.





"Responsive & Responsible Government"

BOS 2019-06-19 p.30/3 132 Main Street P.O. Box 540 Palmyra, VA 22963 (434) 591-1910 Fax (434) 591-1911 www.fluvannacounty.org

NOTICE OF PUBLIC HEARING

June 3, 2019

«Name» «Address» «City_State» «ZIP» TMP#«TMP»

Re: Public Hearing on ZMP 18:01 & SUP 18:05

Dear «Name»:

This letter is to notify you that the Fluvanna County Board of Supervisors will hold a public hearing on the above referenced items as noted below:

Purpose: Board of Supervisors Public Hearing

Day/Date: Wednesday, June 19, 2019

Time: 7:00 PM

Location: Fluvanna County Circuit Court Room, Palmyra, VA

The applicant or applicant's representative will be present at the Board of Supervisors meeting for the rezoning and special use permit requests that are described as follows:

ZMP 18:01 Steven L. & Codie C. Peters / Colonial Circle – A request to rezone, from A-1 Agricultural, General and B-1 Business, General to R-3, Residential Planned Community, 61.95 acres of Tax Map 8, Section A, Parcel A14A. The property is located on the northeast corner of the intersection of Thomas Jefferson Parkway (Route 53) and Lake Monticello Road (State Route 618). The property is within the Rivanna Community Planning Area and the Palmyra Election District.

SUP 18:05 Steven L. & Codie C. Peters / Colonial Circle Density – A request to increase density above 2.9 dwelling units per acre with respect to 61.95 acres of Tax Map 8, Section A, Parcel A14A. The property is located on the northeast corner of the intersection of Thomas Jefferson Parkway (Route 53) and Lake Monticello Road (State Route 618). The property is within the Rivanna Community Planning Area and the Palmyra Election District.

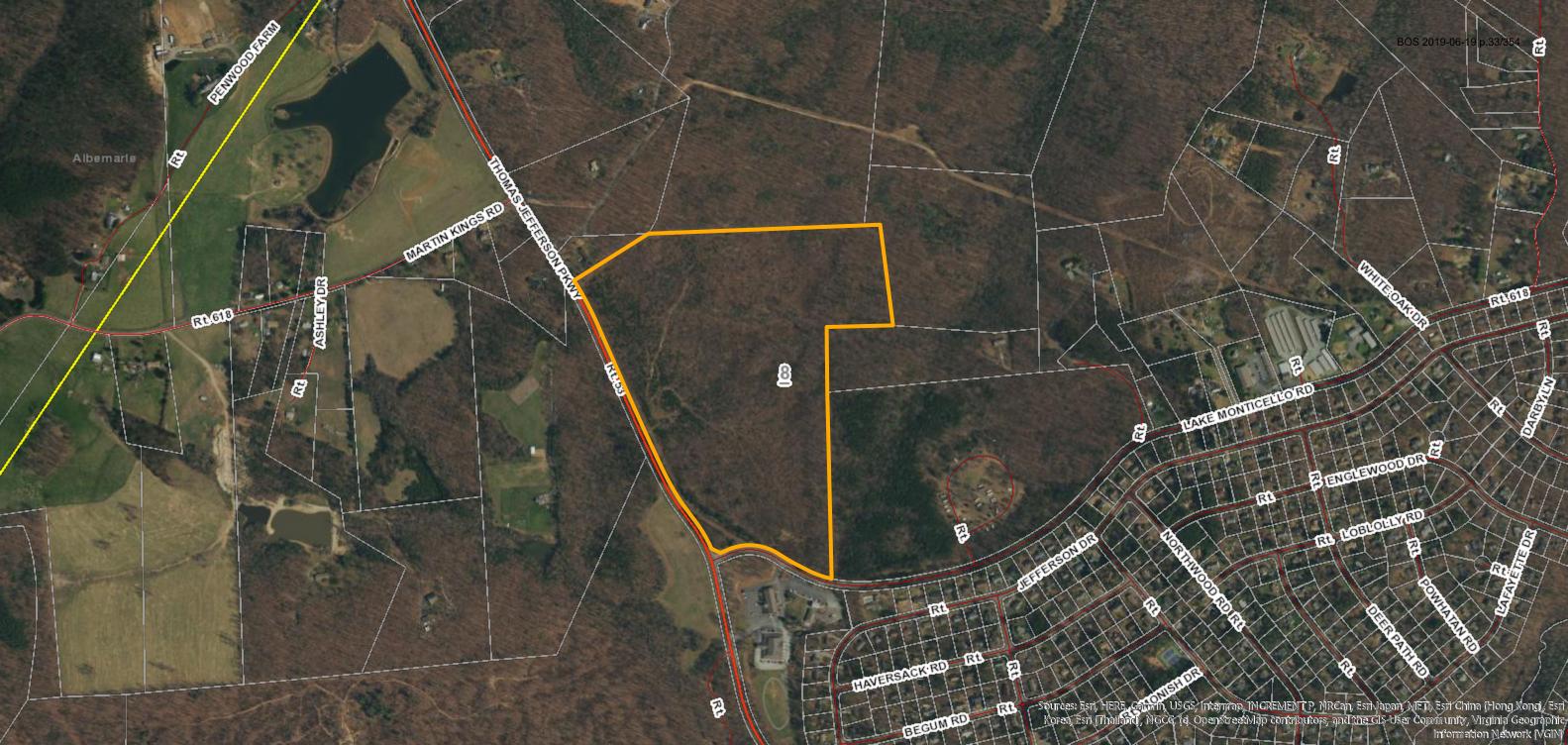
You are welcome to attend the Public hearing and you will have an opportunity to comment, if desired. The tentative agenda and staff report for this action is available for public review on the County website at http://fluvannacounty.org/meetings. You can also view the report in the Fluvanna County Planning and Zoning Department during working hours (8:00 am – 5:00 pm, Monday through Friday).

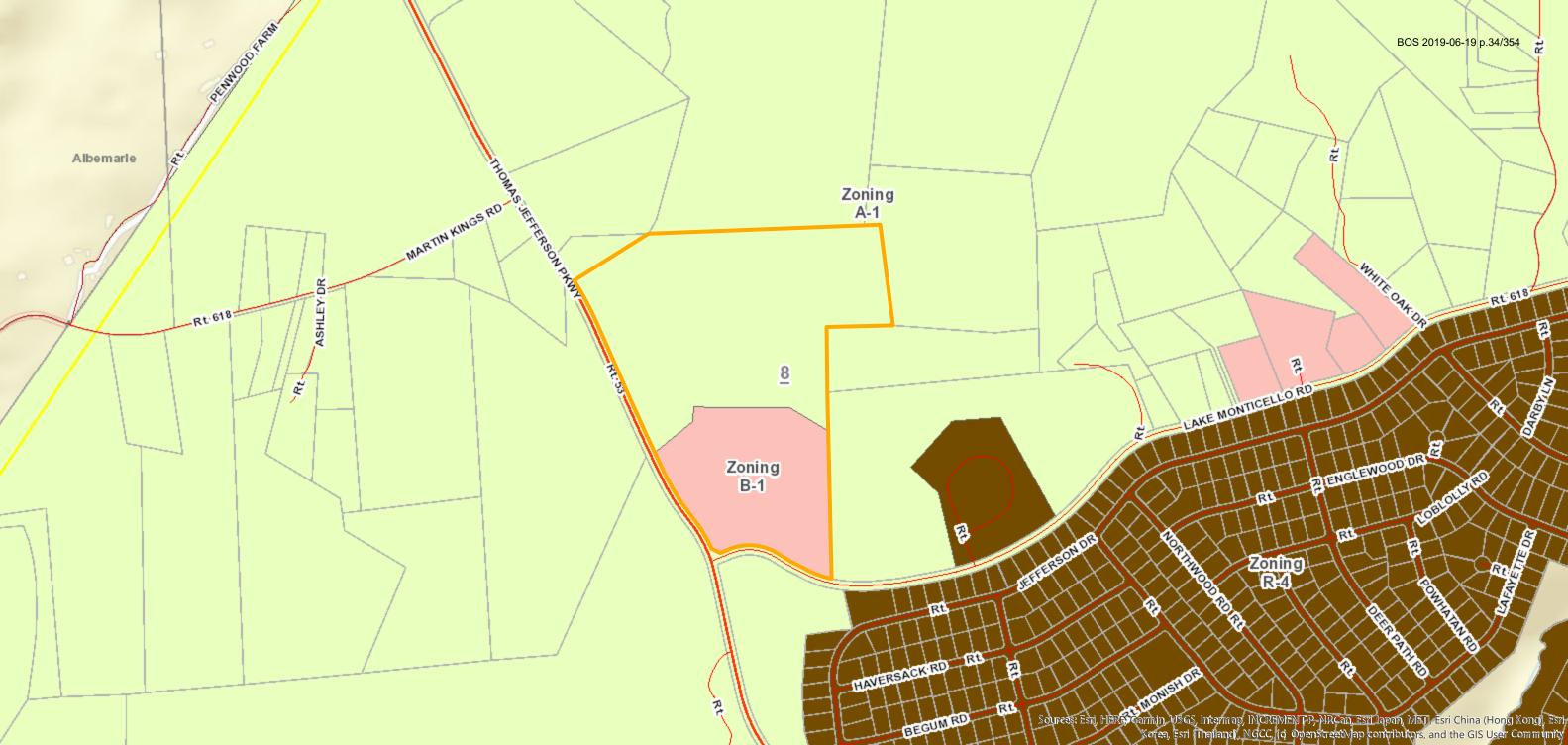
If you have any questions regarding this rezoning or special use permit application or the Public Hearing, please contact me at 434–591–1910.

Sincerely,

Eric Dahl / Planning and Zoning Administrator

ADJACENT PROPERTY OWNERS ZMP 18:01 & SUP 18:05 ADDRESS CITY/STATE/ZIP TAX MAP NAME 895 GEORGE B & JO ANN BLAND 571 BELLE PARADIS LN PALMYRA, VA 22963 18A 5 249 ROBERT N. & CAROL MCAVANAUGH 529 JEFFERSON DRIVE EAST PALMYRA, VA 22963 8 A 21 EFFORT BAPTIST CHURCH 7820 THOMAS JEFFERSON PKWY PALMYRA, VA 22963 8 A 4A WAYNE H HARLOW 8364 THOMAS JEFFERSON PKWY CHARLOTTESVILLE, VA 22901 8 A A14D BENJAMIN A & ELIZABETH B HEINBERG 8271 THOMAS JEFFERSON PKWY CHARLOTTESVILLE, VA 22902 8 A 22B LAKE MONTICELLO OWNERS ASSOC. 41 ASHLAWN BLVD. PALMYRA, VA 22963 8 A 5A, 13 & 15 8268 THOMAS JEFFERSON PKWY CHARLOTTESVILLE, VA 22002 ROY & CRYSTAL SHIFFLETT 8 A 11 8281 THOMAS JEFFERSON PKWY CHARLOTTESVILLE, VA 22902 LINDSAY L. SPRADLIN & WIFE







"Responsive & Responsible Government"

P.O. Box 540 Palmyra, VA 22963 (434) 591-1910 FAX (434) 591-1911 www.co.fluvanna.va.us

October 22, 2015

Steven L. Peters 2390 Auburn Hill Farm Charlottesville, VA 22902

Re: ZMP 15:02 – Rezoning from A-1 to B-1 a portion of Tax Map 8-A-A14A

Dear Mr. Peters:

Please accept this letter as notification of the action taken on October 21, 2015 by the Board of Supervisors with regard to the request referenced above. Your request to amend the Fluvanna County Zoning Map with respect to approximately 21.5 acres of Tax Map 8, Section A, Parcel A14A to rezone the same from A-1, Agricultural, General, to B-1, Business, General (conditional) was **approved** (5-0) by the Board of Supervisors.

We will return the \$90.00 public notice sign deposit fee.

If I can be of any further assistance, please feel free to contact me.

Sincerely,

Steve Tugwell Senior Planner

Copy: File



"Responsive & Responsible Government"

132 Main Street P.O. Box 540 Palmyra, VA 22963 (434) 591-1910 Fax (434) 591-1911 www.fluvannacounty.org

December 14, 2018

Justin Shimp, P.E. Shimp Engineering 201 E. Main Street Charlottesville, VA 22902

Delivered via email to justin@shimp-engineering.com

Re: ZMP 18:01 and SUP 18:05 - Colonial Circle

Tax Map: 8, Section A, Parcel A14A

Dear Mr. Shimp:

The following comments are the result of the Technical Review Committee meeting that was held on Thursday, December 13, 2018:

- 1. Planning staff asked about the price of the housing and what type of commercial uses are proposed. Some desirable uses are allowed by right while others may require approval of a special use permit in the future.
- 2. Building Inspections did not have any comments.
- 3. Chamber of Commerce did not have any comments.
- 4. Department of Forestry did not have any comments.
- 5. Erosion and Sediment Control noted the absence of adequate receiving natural channels on or adjacent to the site. The applicant stated an intent to use the VA DEQ "energy balance equation" to reduce post development discharges to a level that does not require proof of adequate receiving channels.
- 6. Fire Chief had the following questions or comments (applicant responses italicized):
 - Would like for the distance between fire hydrants to be 800 feet or less.
 - What will the width of the streets would be? (Between 20 and 25 feet, and alleys would be less than 20 feet.) Will there be parking on the alleys? (Yes.) At least 18 feet width is needed for a ladder truck.
 - Will the roads within the development be public or private? (*There will be a mixture of both public and private roads.*)
 - Fire Chief stated he would prefer not to have hammerheads as the terminus for streets, and that his comments also reflect the Virginia Department of Forestry and the Lake Monticello Volunteer Fire Department.

- 7. Health Dept. has not provided any comments at the date of this letter.
- 8. Sheriff's Office did not have any comments.
- 9. VDOT stated that the project will need to be coordinated with the roundabout construction. Official comments have not been provided at the date of this letter.

The Planning Commission will discuss this item during their 6 p.m. work session on Tuesday, January 8, 2019. <u>Your attendance is required at this meeting.</u>

If you have any questions or need additional information, please contact me at 434-591-1910.

Sincerely,

Brad Robinson Senior Planner Dept. of Planning & Zoning

cc: File



Neighborhood Meeting Sign-In Sheet

Meeting Date: January 16, 2019

Name	Address	City/State/Zip	Reason for Attending
angie Cooks	41 ashlawn Blvd. (LMDA)	Palmyra, VA 22963	Information/Question:
Ben Heinberg	8271 TJ PKLLY	Cville, VA 2202	~
Jon BRAITHUATO		Polityta Vn 27963	INF6
		Ch Ville VA 22902	Info
Samantha Wilcox	8294 Thomas Jeff Pruy		
LINDSAY SPRANLIN		CHVILLE VA Z290Z	11170
V	e e		
	e:		

ZMP 18:01 Neighborhood Meeting Notes

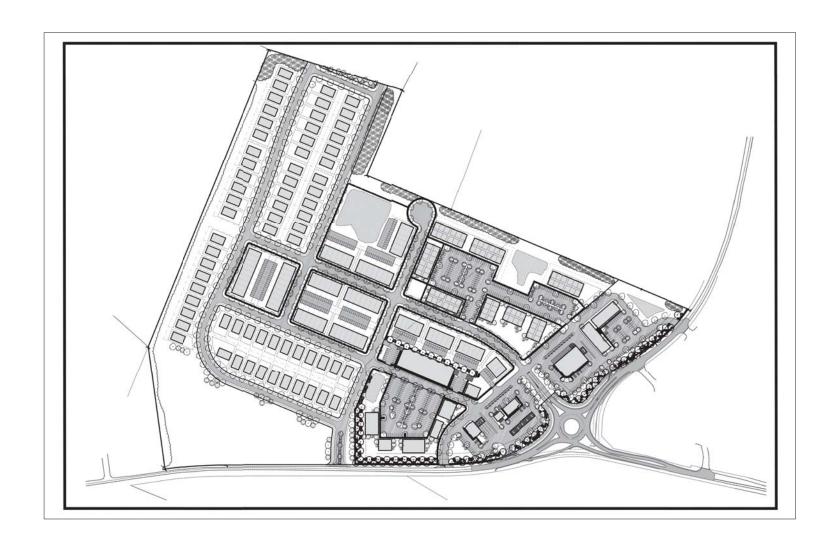
January 16, 2019, 4:30 p.m. Morris Room, County Administration Building

Attendees: 9 (including staff)

Questions/Comments

- How many units are proposed? (418 units 325 units per master plan revised 6/6/19)
- Are there any amenities? (TBD)
- How many stories are the apartments? (2-3 stories maximum)
- Are there any turning lanes along Route 618? (Entrance 1 would require a left turn storage lane)
- What is the lot size of the single-family dwellings? (TBD)
- Will something be put up along the property line behind the single family homes? (Ordinance requires screening against A-1 zoning)
- Is an exit proposed near the driveway? (Entrance was relocated on revised master plan)
- Has anyone considered congestion along Route 53? (*Traffic analysis*)
- There are accidents at the intersection of Martin Kings Road and Route 53
- How many parking spaces total are proposed? (TBD)
- Where is water going to come from for this development? (Aqua Virginia surface water)
- Adding something like this adds an issue for residents of Lake Monticello
- Where is the entrance along Route 53 in relation to driveways across the road? (*Nearest driveway approximately 500' away*)
- What is the price point of proposed housing? (TBD)
- How much square footage of retail is proposed? (81,000 sq ft)
- Is the retail portion under a height limit? (50 ft)
- Has VDOT commented on this proposal? (Yes)
- Concerned about detention ponds
- Concerned about traffic and water tables
- Concerned about safety

RESIDENTIAL PLANNED COMMUNITY (R-3) PRELIMINARY MASTER PLAN FOR COLONIAL CIRCLE



REZONING APPLICATION PLAN FOR: TAX MAP 8-((A)) PARCEL A I 4(A) CUNNINGHAM MAGISTERIAL DISTRICT FLUVANNA COUNTY, VIRGINIA

APPLICATION DATE: December 3, 2018
REVISED: December 3, 2019

April 3, 2019

CURRENT REVISION DATE: June 6, 2019



SHEET INDEX

C1 - COVER SHEET
C2 - EXISTING BOUNDARY / ZONING CONDITIONS
C3 - EXISTING CONDITIONS / DEMOLITION
C4 - CONCEPTUAL PLAN OF DEVELOPMENT
C5 - BLOCK GUIDELINES
C6 - ENGINEERING GUIDELINES
C7 - DESIGN GUIDELINES / DETAILS / SECTIONS

C8 - CONSISTENCY WITH COMPREHENSIVE PLAN

SCALE: 1" = 1,000'

EXISTING CONDITIONS NOTES:

BOUNDARY SURVEY INFORMATION PROVIDED BY ROGER W. RAY & ASSOCIATES, CHARLOTTESVILLE VA. TOPOGRAPHY (4 FT INTERVALS) PROVIDED BY FLUVANNA COUNTY GIS MAPPING.

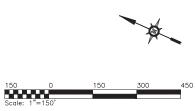
VICINITY MAP: (created from Google Earth)

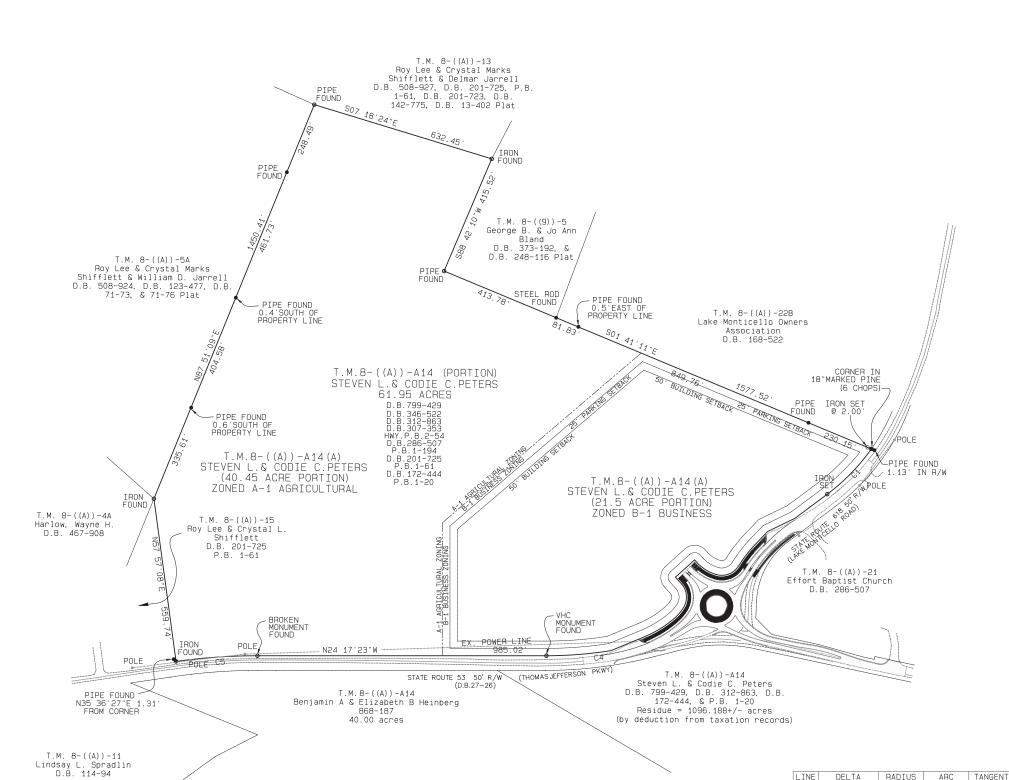
- 3. ZMP 15:02, CREATING A 21.5 ACRE B-1 COMMERCIAL DISTRICT ON THE SITE, WAS APPROVED BY THE FLUVANNA COUNTY BOARD OF SUPERVISORS ON OCTOBER 21, 2015.
- THE SITE LIES WITHIN THE RIVANNA COMMUNITY PLANNING AREA
- 5. THIS PROPERTY LIES WITHIN THE WATER AND SEWER
- JURISDICTIONAL AREA FOR AQUA VIRGINIA, INC.

 6. STEEP SLOPES, STREAMS, AND WETLANDS HAVE NOT BEEN IDENTIFIED ON THIS SITE.
- 7. IMPROVEMENTS SHOWN AT THE INTERSECTION OF S.R. 53 AND S.R. 618, IN CONJUNCTION WITH THIS APPLICATION PLAN, REFLECT PRELIMINARY CONSTRUCTION DRAWINGS AS PROVIDED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION.

ADJOINING PARCEL INFORMATION									
TAX MAP	PARCEL	OWNER	ZONING	LAND USE					
8-((A))	15	Shifflett, Roy Lee & Crystal L.	A-1	Residential					
8-((A))	4A	Harlow, Wayne H.	A-1	Residential					
8-((A))	5A	Shifflett, Roy & Crystal Et Al	A-1	Agricultural					
8-((A))	23	Marks, Edward	A-1	Agricultural					
8-((A))	13	Shifflett, Roy & Crystal Et Al	A-1	Agricultural					
8-(9)	5	Bland, George B. & Jo Ann	A-1	Residential					
8-((A))	22B	Lake Monticello Owners Association	R-4	Campground					
8-((A))	21	Effort Baptist Church	A-1	Church					
8-((A))	A14	Peters, Steven L. & Codie C.	A-1	Agricultural (Easement)					
8-((A))	A14A	Peters, Steven L. & Codie C.	A-1	Agricultural (Easement)					
8-((A))	11	Spradlin, Lindsay L. & Wife	A-1	Residential					

LINE DELTA RADIUS ARC TANGENT CHORD CHORD BEARING C1 18 04'45" 685.28 216.23 109.02 215.34 N70 03'04"W C2 50 44'24" 319.65 283.07 151.57 273.91 N86 22'53"W C3 15 44'03" 598.00 164.22 82.63 163.70 N30 25'21"W C4 13 59'59" 1407.50 343.91 172.82 343.06 N31 17'23"W C5 8 14'28" 1934.86 278.30 139.39 278.06 N28 18'45"W





II PLAN FOR:

MASTER PRELIMINARY Б-Я

12/03/2018 1"=150

> 2 OF 8 File No. 15.011

SHIMP ENGINEERING, ENGINEERING, ENGINEERING-LAND PLANNING - PROJECT MANA

SCALE: 1" = 1,000'

EXIS

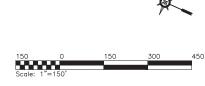
VICINITY MAP: (created from Google Earth)

SITE

- BOUNDARY SUR RAY & ASSOCIAT
- 2. TOPOGRAPHY (4 COUNTY GIS MAI 3. ZMP 15:02, CRE
- DISTRICT ON THE COUNTY BOARD THE SITE LIES WI
- AREA.
- 5. THIS PROPERTY JURISDICTIONAL 6. STEEP SLOPES,
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ELIMINARY MASTER PLAN FOR:	TAL CIRCLE
ELIMINARY	

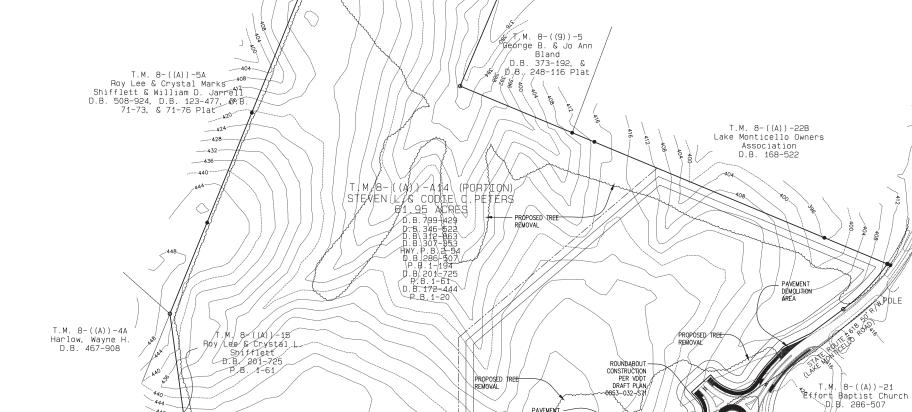
EXISTING

VIRGINIA

12/03/2018 1"=150

R-3 PRE

3 OF 8 File No. 15.011



Benjamin A & Elizabeth B Heinberg 868-187 40.00 acres

POLE

POLE

POLE

T.M. 8-((A))-11 Lindsay L. Spradlin D.B. 114-94

PAVEMENT DEMOLITION AREA

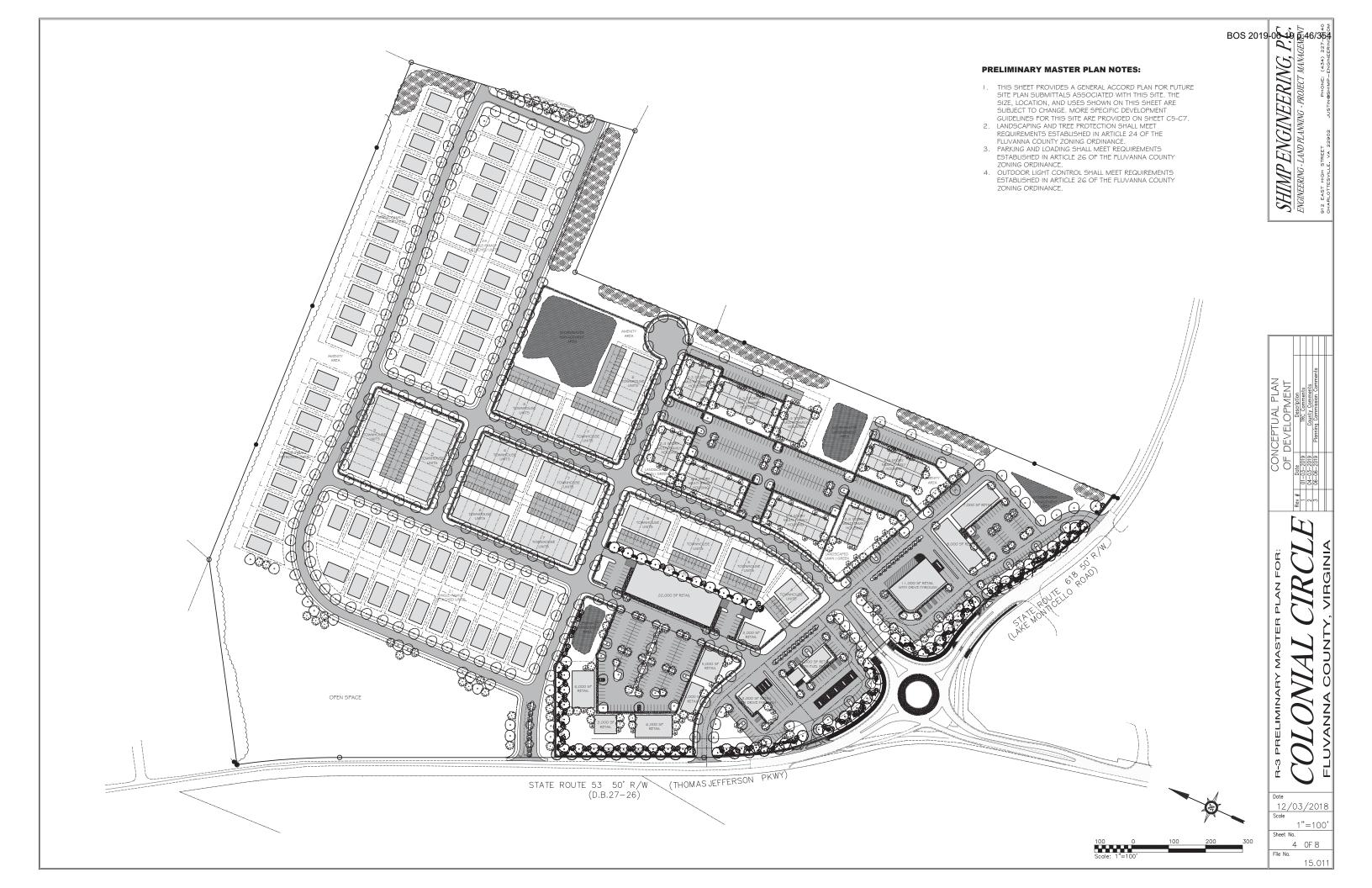
T.M./8-((A))-A14 A26 Steven L./8 Codie C. Péters D.B. 799-429, D.B. 312-863, D.B. 172-444, & P.B. 1-20

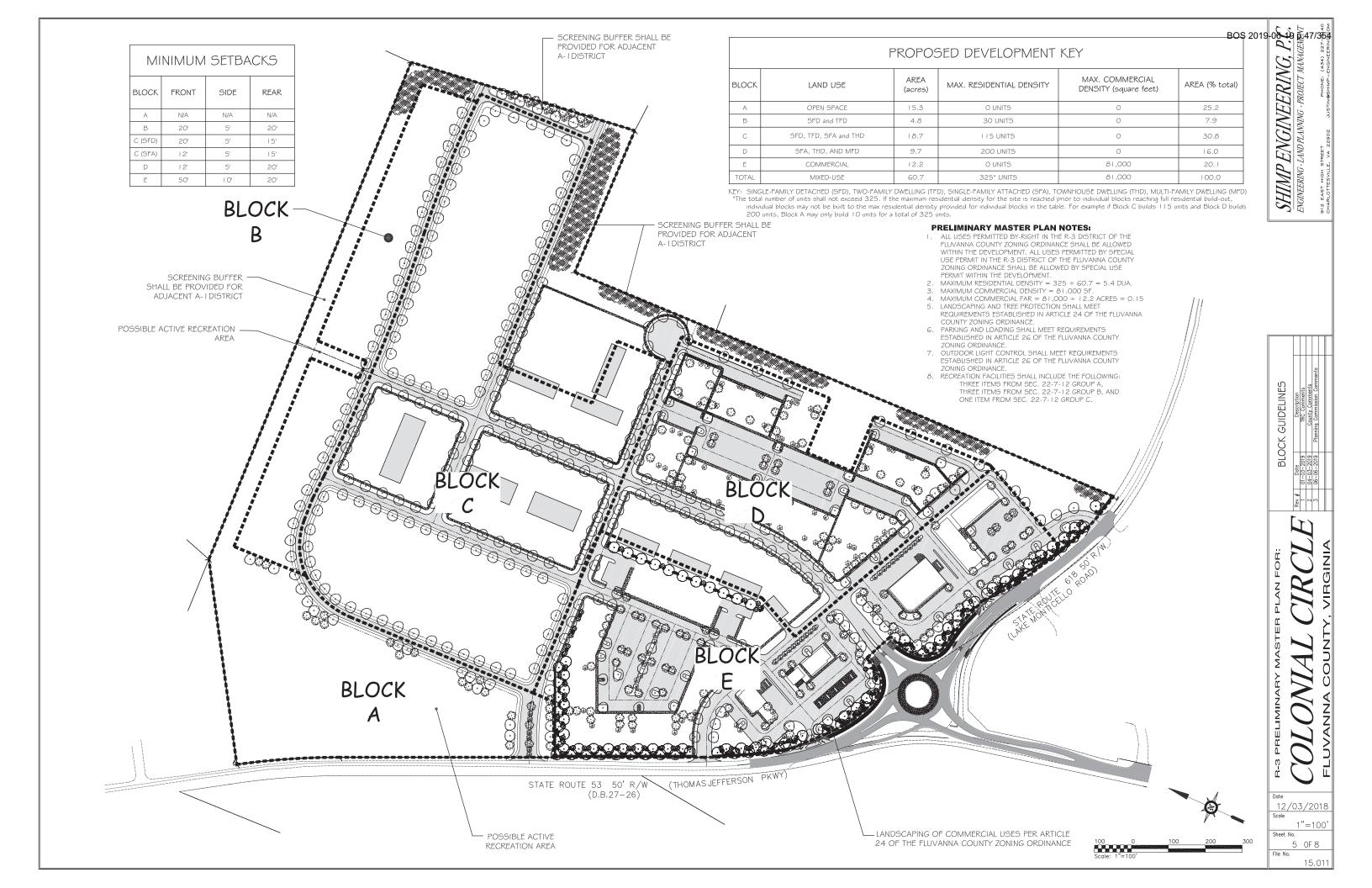
Residue = 1096.188+/- acres (by deduction from taxation records)

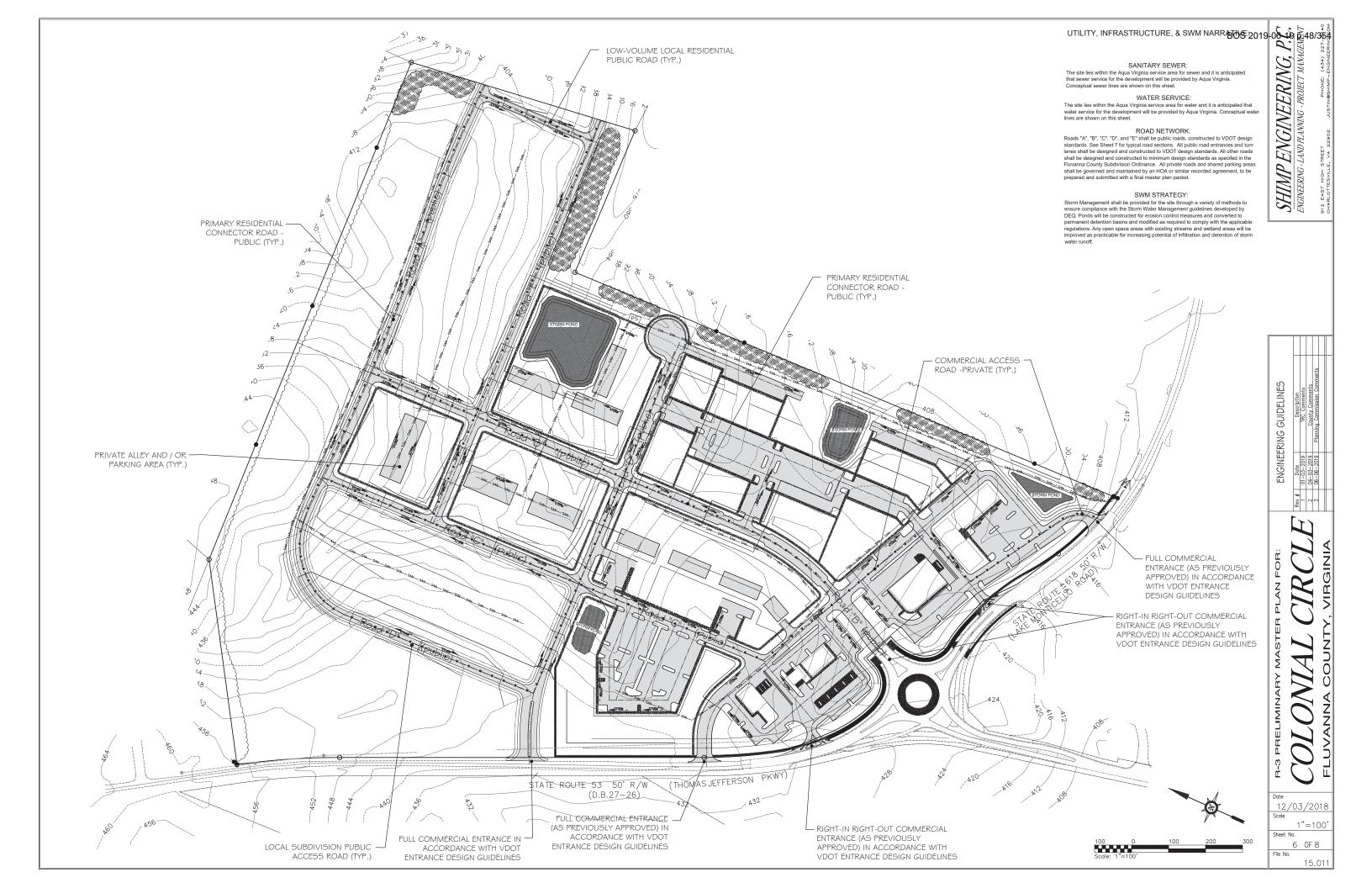
STATE ROUTE 53 50' R/W (THOMAS JEFFERSON PKWY)

T.M. 8-((A))-13

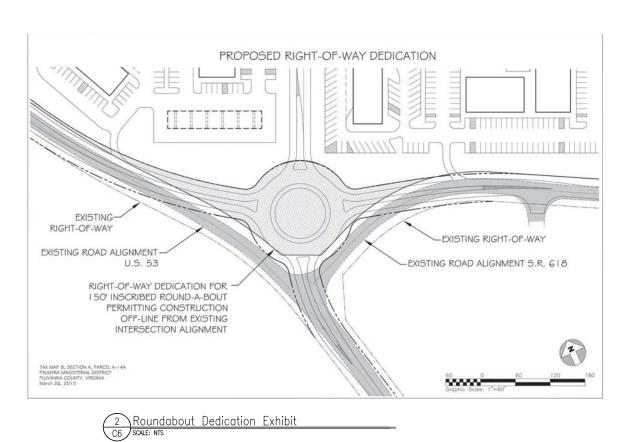
Roy Lee & Crystal Marks
Shifflett & Delmar Jarrell
D.B. 508-927, D.B. 201-725, P.B.
1-61, D.B. 201-723, D.B.
142-775, D.B. 13-402 Plat

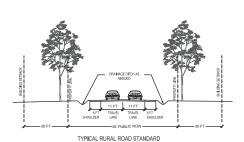


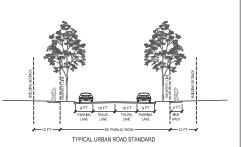


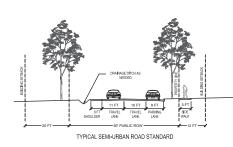


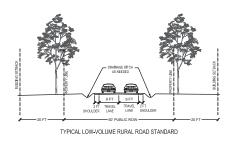


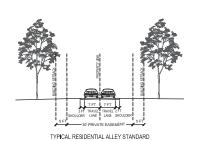




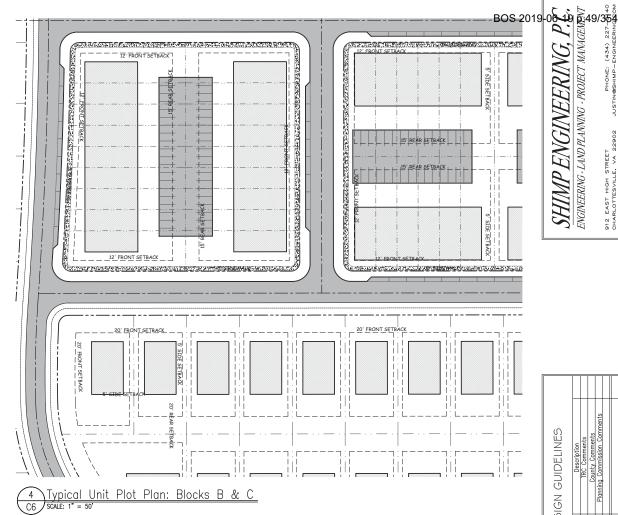








3 Development Road Standards
C6 SCALE: 1" = 20"







5 Typical Unit Plot Plan: Blocks C & D
C6 SCALE: 1" = 50'

MASTER PLAN FOR: PRELIMINARY R-3 12/03/2018

> AS SHOWN 7 OF 8

File No.

SHIMP ENGINEERING, ENGINEERING, ENGINEERING-LAND PLANNING - PROJECT MANA

GUIDELINES

DESIGN (

Rev # Date 1 01-03-2019 2 04-03-2019 3 06-06-2019

H

Colonial Circle addresses the major priorities outlined in the summary of the Rivanna Community Plan. The priorities are as follows:

to increase traffic safety and improve flow at key intersections

to enhance existing commercial centers in appearance, design, and available services, focusing on "village center" concepts
to provide housing choices for a variety of age groups and income levels, appropriate to the area

to preserve the rural character of the surrounding area and protect natural resources

The proposed Roundabout at the Intersection of Rt 53 and Lake Monticello will contribute to increased traffic safety and improved flow, additionally this traffic measure will help to mitigate traffic impacts from the proposed development. Colonial Circle is designed to feature a variety of housing choices, making the area appealing and accessible to multiple ages and income groups. A quarter of the development will be dedicated to open space, this space will directly service residents and visitors to Colonial Circle by making ample greenspace accessible. The project will be compliment by the surrounding rural character of the area outside of the Rivanna Community Planning Area. The property directly across Route 53 is under Conservation Easement ensuring the rural character around near the property will be preserved per the agreements recorded with the easement.

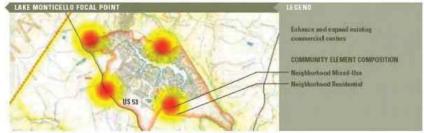
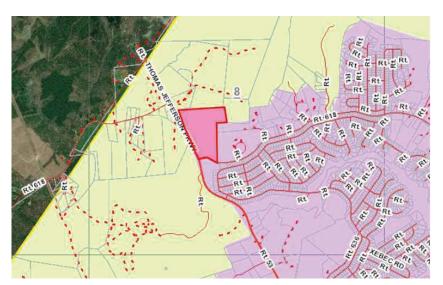


Figure LU-13, Neighborhood Mixed Use around Lake Monticello



Site within Rivanna Planning Area

ц						ts	
MISISTENIOV WITH TE		COMPREHENSIVE PLAN	Description	TRC Comments	County Comments	Planning Commission Comments	
	3	ŏ	Date	01-03-2019	04-03-2019	06-06-2019	
			Rev #	1	2	2	
		1	۲,	•	_		_

R-3 PRELIMINARY MASTER PLAN FOR:

12/03/2018

Sheet No.

8 OF 8

MEMORA	NDUM			
TO: JUSTIN S	HIMP, P.E.		FROM: BILL WUENSC WEI HE	Н, Р.Е., РТОЕ;
ORGANIZATI	ON: SHIMP ENGINEERIN	NG	DATE: MARCH 22, 2	019
PHONE NUMI	BER:		SENDER'S REFERENCE	NUMBER:
RE: FLUVANN	IA, ROUTE 618 AT ROU	ITE 53 TRAFFIC STUDY	YOUR REFERENCE NU	JMBER:
□URGENT	X FOR YOUR USE	☐ PLEASE COMMENT	☐ PLEASE REPLY	□ PLEASE RECYCLE

Fluvanna, Route 618 at Route 53 Traffic Study

The purpose of this memorandum is to summarize a traffic study for the site planning efforts for the commercial and mixed-use site to be located at Route 53 and Route 618 in Fluvanna County, Virginia.

The analysis utilized the traffic counts from the year 2015 study and factored up 1% per year to the year 2025 as the background traffic, and performed trip generation, distribution, and assignment based on the specific land uses and assumed percentages of trips at each entrance as directed by Shimp Engineering staff. The turn lane warrant analysis for the entrances (Entrances 1, 2, 4, 5, 6) and the level of service analysis for the roundabout (Entrance 3) were performed in this memorandum.

The following provides a brief summary of this information.

Traffic Volume Calculation

Existing Traffic Volumes

The existing traffic volumes were collected from the year 2015 study and are illustrated in **Figure 1**.

2025 No Build Traffic Volumes

The existing traffic volumes were factored up 1% per year to the year 2025 as the background traffic. **Figure 2** illustrates the 2025 no build traffic volumes.

Trip Generation

The trip generation was based on the specific land uses and the initial trip generation calculation as directed by Shimp Engineering staff. **Table 1** below summarizes the trip generation.

Table 1 Trip Generation

				AM			PM	
Use Description	ITE	Qty	in	out	Total	in	out	Total
Single Family Detached	210	64 units	14	40	54	45	25	70
Multifamily Housing (Low-Rise)	220	104 units	17	42	59	41	29	70
Multifamily Housing (Mid-Rise)	221	250 units	20	55	75	62	41	103
General Office Building	710	(12,000 SF)	23	3	26	14	65	79
Walk-In Bank	911	(5,000 SF)	59	54	113	67	65	132
Shopping Center	820	(40,000 SF)	65	55	120	146	145	291
Quality Restaurant	931	(5,000 SF)	18	4	22	25	16	41
Medical-Dental Office Building	720	(10,000 SF)	23	14	37	15	23	38
Medical Clinic	630	(9,000 SF)	27	20	47	19	23	42
		Total	266	287	553	434	432	866
Internal Capture			8	21	29	22	14	36
Pass-by			36	28	64	60	56	116
On-road New Residential Trips			43	116	159	126	81	207
On-road New Commercial Trips			179 122 301			226	281	507
Total New Trips (including Pass-by)			258	266	524	412	418	830

Trip Distribution

The trip distribution was based on the distribution assumptions as directed by Shimp Engineering staff. **Figures 3-6** illustrate the distribution of the residential and commercial inbound and outbound trips.

Trip Assignment

The on-road new residential trips, on road new commercial trips, and the pass-by trips were assigned to the entrances per the trip distribution as illustrated in Figures 3-6. **Figures 7-9** illustrate the assignment of the on-road new residential trips, on road new commercial trips, and the pass-by trips.

2025 Build Traffic Volumes

The on-road new residential trips, on road new commercial trips, and the pass-by trips were added to the 2025 no build traffic volumes resulting the 2025 build traffic volumes. **Figure 10** illustrates the 2025 build traffic volumes.

Turn Lane Warrant Analysis

Turn lane warrants were examined for 2025 build conditions to evaluate the turn lane needs at the entrances 1, 2, 4, 5, 6. It should be noted that Entrance 2 and Entrance 4 were assumed as right in/out entrances and with no traffic, and thus were considered no turn lane or taper required. The turn lane warrant forms for Entrance 1, Entrance 5, and Entrance 6 per the VDOT Road Design Manual are provided in the **Attachment A** and the turn lane warrant analysis results are summarized in **Table 2**.

Table 2 Turn Lane Warrant Summary

Intersection	Movement	AM	PM
	Westbound Right	No Turn Lanes or Tapers	No Turn Lanes or Tapers
Entrance 1		Required	Required
Entrance 1	Eastbound Left	No Left Turn Lane	200' Left Turn Lane
		Required	Required
	Northbound Right	No Turn Lanes or Tapers	No Turn Lanes or Tapers
Entrance 5		Required	Required
Entrance 5	Southbound Left	200' Left Turn Lane	200' Left Turn Lane
		Required	Required
	Northbound Right	No Turn Lanes or Tapers	No Turn Lanes or Tapers
Entrance 6		Required	Required
Entrance 6	Southbound Left	200' Left Turn Lane	200' Left Turn Lane
		Required	Required

As indicated in Table 2, a 200' left turn storage lane is warranted at Entrance 1, Entrance 5, and Entrance 6 and no right turn lane or taper is warranted at any of the three entrances.

Level of Service Analysis

Level of service analysis using Sidra were performed for 2025 build conditions to evaluate the level of service at the roundabout entrance, Entrance 3, which was assumed as a one lane roundabout. The level of service and delay results are summarized in **Table 3** and included in the **Attachment B**.

Table 3 Level of Service and Delay Result Summary

A	Marramant	А	M	PM		
Approach	Movement	LOS	Delay	LOS	Delay	
Rt. 53 SEB	L/T/R	Α	9.4	В	16.1	
Rt. 618 NWB	L/T/R	В	18.4	В	12.8	
Rt. 53 NB	L/T/R	В	14.5	В	10.7	
Entrance 3 SB	L/T/R	В	13.6	Α	5.3	
Interse	ction	В	14.4	В	12.7	

As indicated in Table 3, the roundabout entrance will operate at LOS B in 2025 build conditions, with all approaches operating at LOS B or better.

BOS 2019-06-19 p.54/354

Findings

Based on the analysis performed in this memorandum, the principal findings are as followings –

- 1. Entrance 2 and Entrance 4 were assumed as right in/out entrances and with no traffic, and thus were considered no turn lane or taper required.
- 2. A 200' left turn storage lane is warranted at Entrance 1, Entrance 5, and Entrance 6 and no right turn lane or taper is warranted at any of the three entrances
- 3. The roundabout entrance will operate at LOS B in 2025 build conditions, with all approaches operating at LOS B or better.

End of Memorandum -

Attachment A: Turn Lane Warrant Forms

Attachment B: Sidra Output Reports

Scenario: 2025 Build

Intersection: Intersection #1 on Route 618

Approach Direction: Eastbound

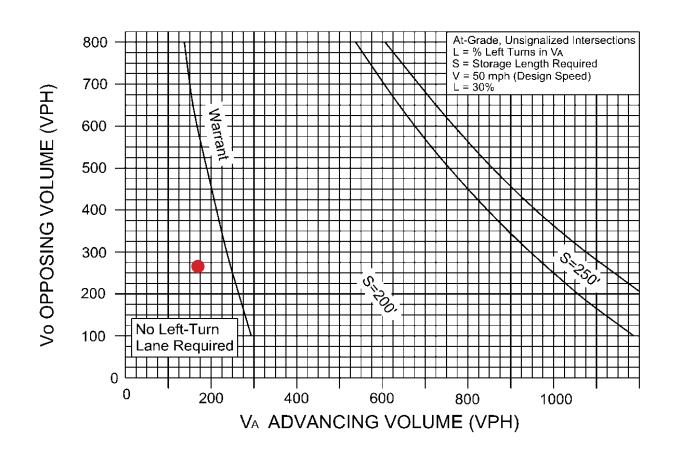
Peak Hour: AM

Peak Hour Left Turns (V_L) : 38 vph Advancing Volume (V_A) : 172 vph Opposing Volume (V_O) : 269 vph Operating/Design Speed (V): 50 mph

% Left Turns in V_A (L): 30% (Calculated Value: 22.1%)

% Trucks in V₁: 0%

Conclusion: No Left Turn Lane Required



Scenario: 2025 Build

Intersection: Intersection #1 on Route 618

Approach Direction: Eastbound

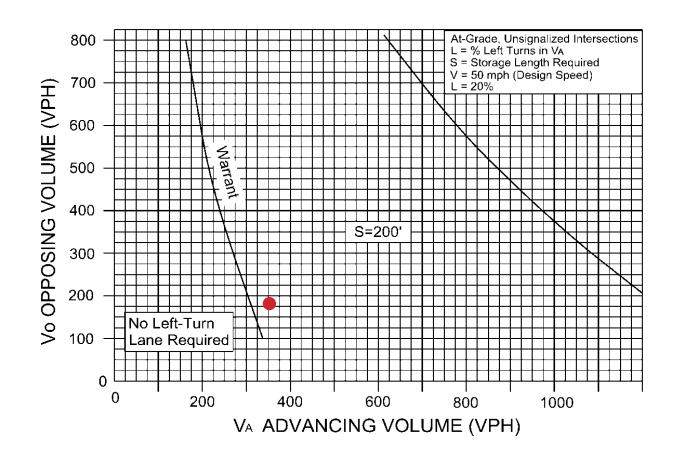
Peak Hour: PM

Peak Hour Left Turns (V_L) : 61 vph Advancing Volume (V_A) : 351 vph Opposing Volume (V_O) : 181 vph Operating/Design Speed (V): 50 mph

% Left Turns in V_A (L): 20% (Calculated Value: 17.4%)

% Trucks in V₁: 0%

Conclusion: 200' Left Turn Lane Required



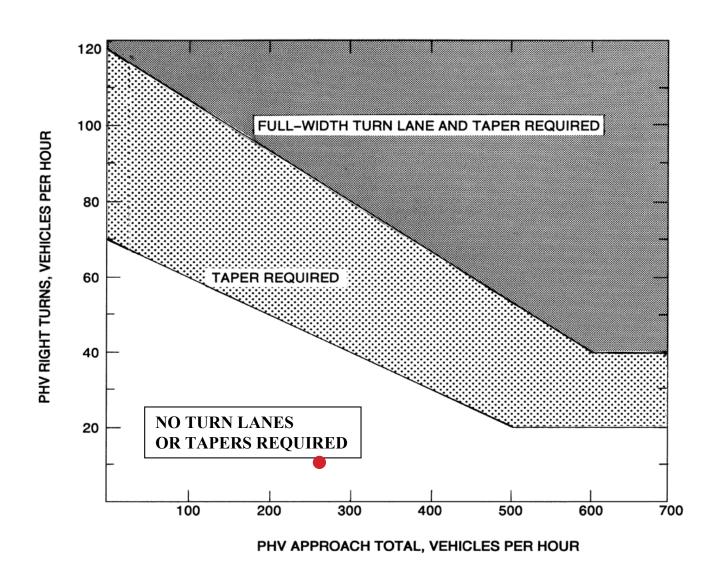
Scenario: **2025 Build**

Intersection: Intersection #1 on Route 618

Approach Direction: Westbound

Peak Hour: AM

PHV Right Turns: 11 vph **PHV Approach Total:** 269 vph



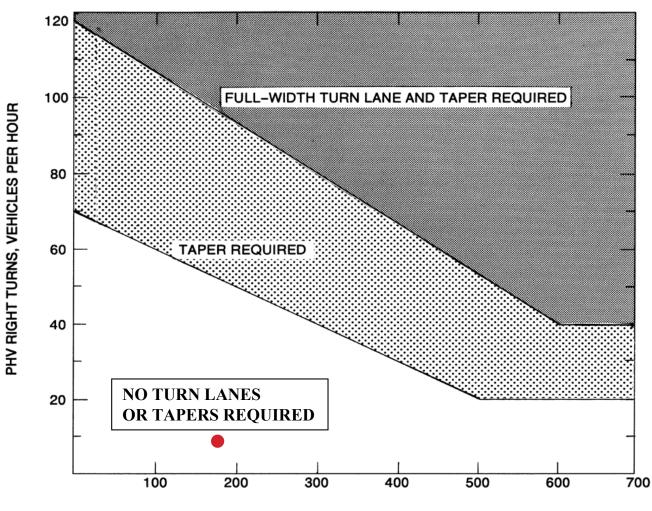
Scenario: **2025 Build**

Intersection: Intersection #1 on Route 618

Approach Direction: Westbound

Peak Hour: **PM**

PHV Right Turns: 9 vph **PHV Approach Total:** 181 vph



PHV APPROACH TOTAL, VEHICLES PER HOUR

Scenario: 2025 Build

Intersection: Intersection #5 on Route 53

Approach Direction: Southbound

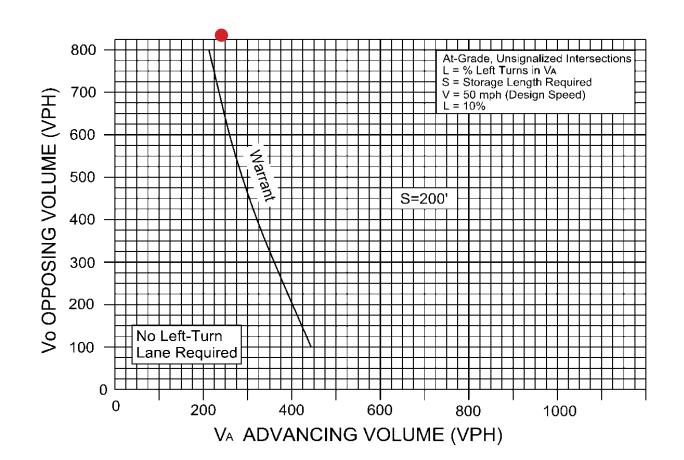
Peak Hour: AM

Peak Hour Left Turns (V_L): 17 vph Advancing Volume (V_A): 240 vph Opposing Volume (V_O): 1015 vph Operating/Design Speed (V): 50 mph

% Left Turns in V_Δ (L): 10% (Calculated Value: 7.1%)

% Trucks in V₁: 0%

Conclusion: 200' Left Turn Lane Required



Scenario: 2025 Build

Intersection: Intersection #5 on Route 53

Approach Direction: Southbound

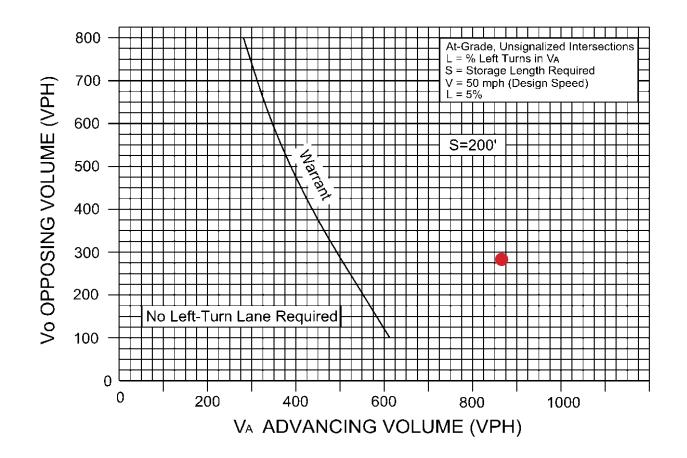
Peak Hour: PM

Peak Hour Left Turns (V_L) : 11 vph Advancing Volume (V_A) : 869 vph Opposing Volume (V_O) : 280 vph Operating/Design Speed (V): 50 mph

% Left Turns in V_Δ (L): 5% (Calculated Value: 1.3%)

% Trucks in V₁: 0%

Conclusion: 200' Left Turn Lane Required



Warrant for Right-Turn Storage Lanes on Two-Lane Highway BOS 2019-06-19 p.61/354

Project: Fluvanna, Route 618 at Route 53

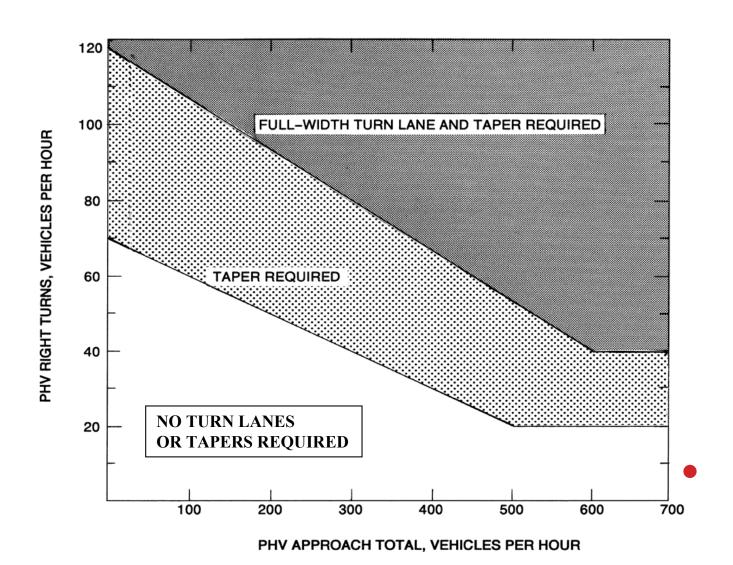
Scenario: **2025 Build**

Intersection #5 on Route 53 Intersection:

Approach Direction: Northbound

Peak Hour: AM

PHV Right Turns: 8 vph **PHV Approach Total:** 1015 vph



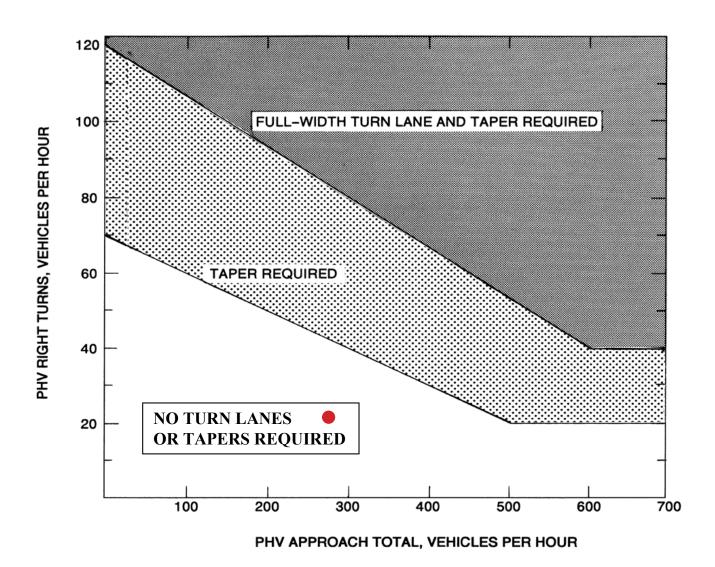
Scenario: **2025 Build**

Intersection #5 on Route 53 Intersection:

Approach Direction: Northbound

Peak Hour: PM

PHV Right Turns: 22 vph **PHV Approach Total:** 280 vph



Scenario: 2025 Build

Intersection: Intersection #6 on Route 53

Approach Direction: Southbound

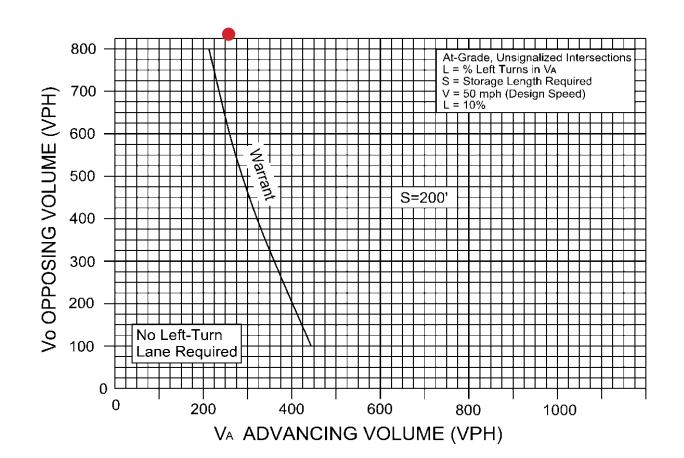
Peak Hour: AM

Peak Hour Left Turns (V_L): 19 vph Advancing Volume (V_A): 259 vph Opposing Volume (V_O): 1019 vph Operating/Design Speed (V): 50 mph

% Left Turns in V_Δ (L): 10% (Calculated Value: 7.3%)

% Trucks in V₁: 0%

Conclusion: 200' Left Turn Lane Required



Scenario: 2025 Build

Intersection: Intersection #6 on Route 53

Approach Direction: Southbound

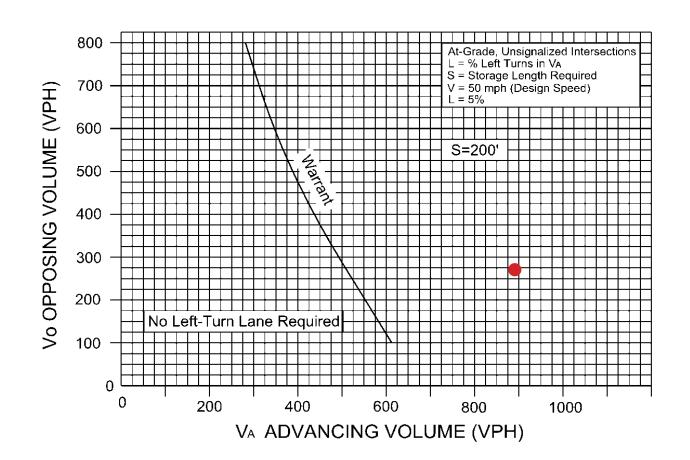
Peak Hour: PM

Peak Hour Left Turns (V_L) : 25 vph Advancing Volume (V_A) : 894 vph Opposing Volume (V_O) : 271 vph Operating/Design Speed (V): 50 mph

% Left Turns in V_Δ (L): 5% (Calculated Value: 2.8%)

% Trucks in V₁: 0%

Conclusion: 200' Left Turn Lane Required



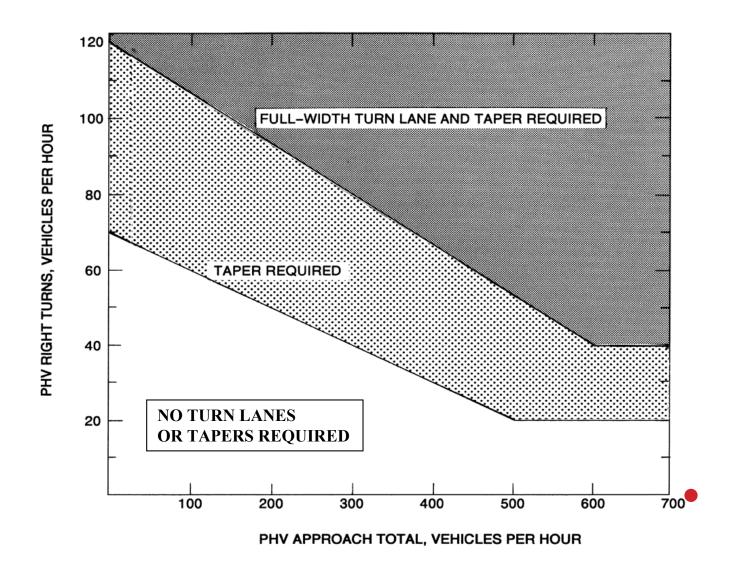
Scenario: **2025 Build**

Intersection #6 on Route 53 Intersection:

Approach Direction: Northbound

Peak Hour: AM

PHV Right Turns: 0 vph **PHV Approach Total:** 1019 vph



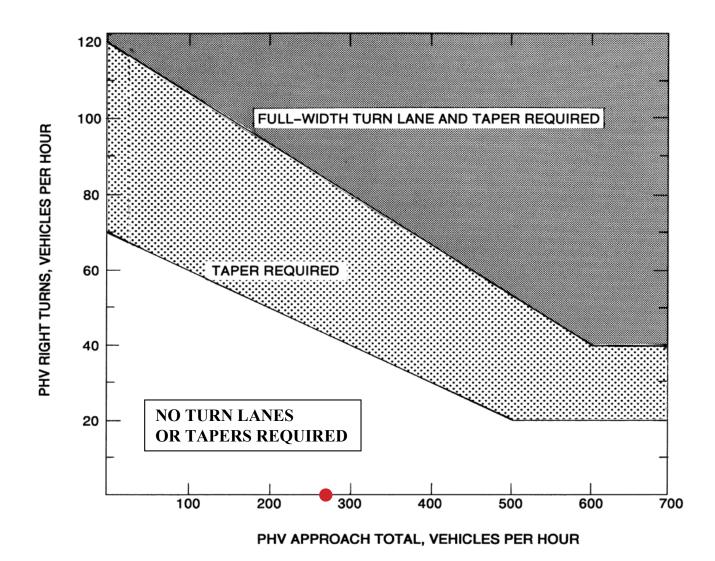
Scenario: **2025 Build**

Intersection #6 on Route 53 Intersection:

Approach Direction: Northbound

Peak Hour: PM

PHV Right Turns: 0 vph **PHV Approach Total:** 271 vph



LANE SUMMARY

Rt618/Rt53 AM Roundabout

Lane Use	and Pe	erform	ance													
	L veh/h	Т	d Flows R veh/h	Total veh/h	HV %	Cap.	Deg. Satn v/c	Lane Util. %	Average Delay sec	Level of Service	95% Back Vehicles veh	of Queue Distance m	Lane Length m	SL Type		Prob. Block. %
South: Rt 53		V () () ()	V () () ()	V () () ()	/0	VO11/11	V/ O	/0			VOII				/0	/0
Lane 1	813	50	83	946	1.1	1365	0.693	100	14.5	LOS B	7.1	49.9	500	_	0.0	0.0
Approach	813	50	83	946	1.1		0.693		14.5	LOS B	7.1	49.9				
East: Rt 618	}															
Lane 1	53	216	39	309	1.9	599	0.516	100	18.4	LOS B	4.8	34.5	500		0.0	0.0
Approach	53	216	39	309	1.9		0.516		18.4	LOS B	4.8	34.5				
North: Entra	nce 3															
Lane 1	45	60	74	178	0.0	536	0.332	100	13.6	LOS B	2.6	18.0	500	_	0.0	0.0
Approach	45	60	74	178	0.0		0.332		13.6	LOS B	2.6	18.0				
West: Rt 53																
Lane 1	90	60	99	249	2.8	1306	0.191	100	9.4	LOS A	1.2	8.3	500	_	0.0	0.0
Approach	90	60	99	249	2.8		0.191		9.4	LOS A	1.2	8.3				
Intersection				1682	1.4		0.693		14.4	LOS B	7.1	49.9				

Level of Service (LOS) Method: Delay (HCM 2000).

Roundabout LOS Method: Same as Signalised Intersections. Lane LOS values are based on average delay per lane.

Intersection and Approach LOS values are based on average delay for all lanes.

Roundabout Capacity Model: SIDRA Standard.

SIDRA Standard Delay Model used.

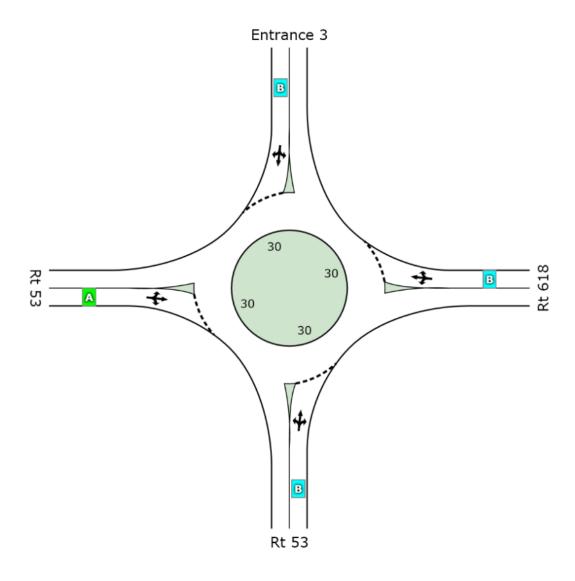
Processed: Wednesday, March 13, 2019 11:04:24 AM SIDRA INTERSECTION 5.1.13.2093

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Rt618/Rt53 AM Roundabout





	South	East	North	West	Intersection
LOS	В	В	В	Α	В

Level of Service (LOS) Method: Delay (HCM 2000).

Roundabout LOS Method: Same as Signalised Intersections.

Lane LOS values are based on average delay per lane.

Intersection and Approach LOS values are based on average delay for all lanes.

SIDRA Standard Delay Model used.



LANE SUMMARY

Rt618/Rt53 PM Roundabout

Lane Use	and Pe	erform	ance													
	L veh/h	Т	d Flows R	Total veh/h	HV %	Cap.	Deg. Satn v/c	Lane Util. %	Average Delay sec	Level of Service	95% Back Vehicles veh	of Queue Distance m	Lane Length m	SL Type		Prob. Block. %
South: Rt 53		VCII/II	VCII/II	VCH/H	/0	VC11/11	V/C	/0	300		VCII	- '''			/0	/0
Lane 1	162	201	116	479	0.7	1127	0.425	100	10.7	LOS B	3.3	23.0	500	_	0.0	0.0
Approach	162	201	116	479	0.7		0.425		10.7	LOS B	3.3	23.0				
East: Rt 618	}															
Lane 1	148	73	45	265	0.5	1059	0.251	100	12.8	LOS B	1.6	11.3	500		0.0	0.0
Approach	148	73	45	265	0.5		0.251		12.8	LOS B	1.6	11.3				
North: Entra	nce 3															
Lane 1	43	192	70	305	0.0	1118	0.273	100	5.3	LOS A	1.7	11.9	500	_	0.0	0.0
Approach	43	192	70	305	0.0		0.273		5.3	LOS A	1.7	11.9				
West: Rt 53																
Lane 1	63	222	676	961	0.2	1149	0.836	100	16.1	LOS B	14.9	104.3	500	_	0.0	0.0
Approach	63	222	676	961	0.2		0.836		16.1	LOS B	14.9	104.3				
Intersection				2011	0.4		0.836		12.7	LOS B	14.9	104.3				

Level of Service (LOS) Method: Delay (HCM 2000).

Roundabout LOS Method: Same as Signalised Intersections. Lane LOS values are based on average delay per lane.

Intersection and Approach LOS values are based on average delay for all lanes.

Roundabout Capacity Model: SIDRA Standard.

SIDRA Standard Delay Model used.

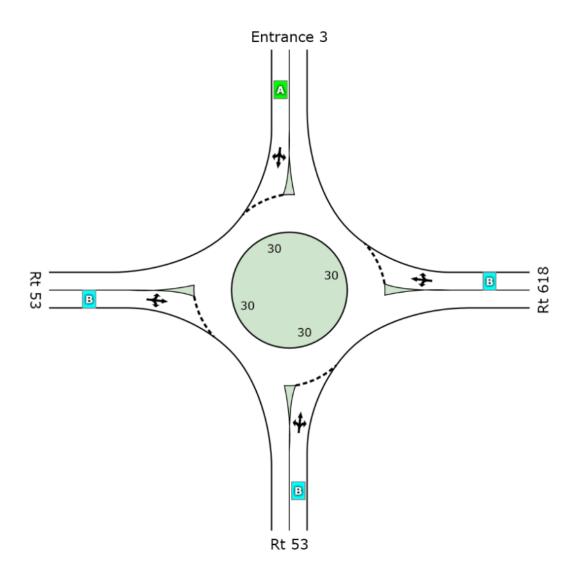
Processed: Wednesday, March 13, 2019 11:09:41 AM SIDRA INTERSECTION 5.1.13.2093

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Rt618/Rt53 PM Roundabout





	South	East	North	West	Intersection
LOS	В	В	Α	В	В

Level of Service (LOS) Method: Delay (HCM 2000).

Roundabout LOS Method: Same as Signalised Intersections.

Lane LOS values are based on average delay per lane.

Intersection and Approach LOS values are based on average delay for all lanes.

SIDRA Standard Delay Model used.



	AM						PM		
Use Description	ITE	Qty	in	out	Total	in	out	Total	
Single Family Detached	210	64 units	14	40	54	45	25	70	
Multifamily Housing (Low-Rise)	220	104 units	17	42	59	41	29	70	
Multifamily Housing (Mid-Rise)	221	250 units	20	55	75	62	41	. 103	
General Office Building	710	(12,000 SF)	23	3	26	14	65	79	
Walk-In Bank	911	(5,000 SF)	59	54	113	67	65	132	
Shopping Center	820	(40,000 SF)	65	55	120	146	146	291	
Quality Restaurant	931	(5,000 SF)	18	4	22	25	16	41	
Medical-Dental Office Building	720	(10,000 SF)	23	14	37	15	23	38	
Medical Clinic	630	(9,000 SF)	27	20	47	19	23	42	
		Total	265	288	553	434	432	866	

				AM				
Use Description			in	out	Total	in	out	Total
Total Residential			51	137	188	148	95	243
Total Commercial			214	151	365	286.19	337	623

VV

5.49 mile segment between Albemarle County line and Ruritan Lake Road

K 0.1079 D 0.6842 AADT 7000 Peak Hour 517

Peak Turns into Site Morning Right
Peak Turns into Site Evening Left

SR 618 Lake Monticello Road

4.03 mile segment between VA 53 Thomas Jefferson Parkway and VA 600 Boston Road

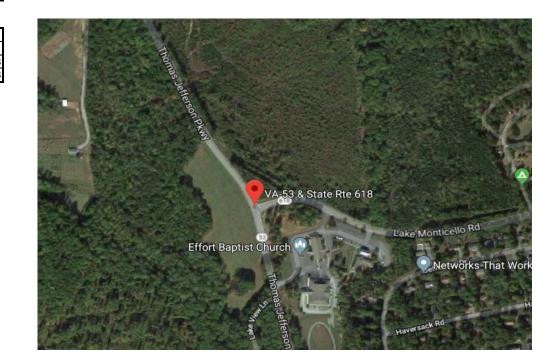
 K
 0.0992

 D
 0.6031

 AADT
 3100

 Peak Hour
 185

Peak Turns into Site Morning Left
Peak Turns into Site Evening Right



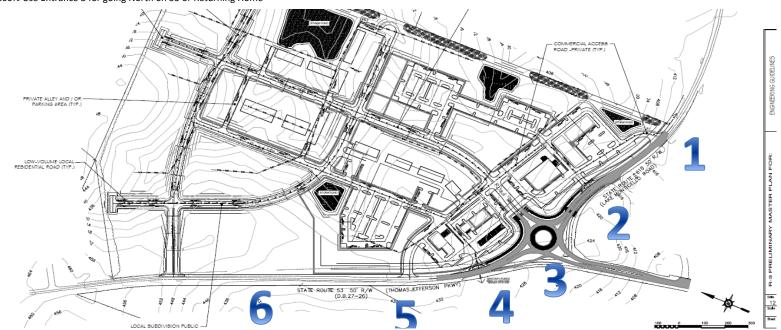
Assumptions - Commercial Trips Enter & Exit Through Same Entrance. Residential 90% Use Entrance 6 and 10% Use Entrance 3 for going to/from Charlottesville. 100% Use Entrance 3 for going North on 53 or Returning Home Entrances 2&4 Assume No Traffic. They Exist to Lighten the Load of Other Entrances

Assume 30% of all Trips are from 618. 70% of all Trips are 53 Since AADT is roughly 70/30

AM % Traffic North 53 68% 32% AM % Traffic South 53 AM % Traffic East 618 60% AM % Traffic West 618 40% PM % Traffic North 53 32% PM % Traffic South 53 68% PM % Traffic East 618 40% PM % Traffic West 618 60%

Total Trips Each Entrance Morning and Evening

Entrance	6	5	4	3	2	1
Morning In	21.90	24.99	0.00	170.71	0.00	47.44
Morning Out	59.14	17.59	0.00	177.84	0.00	33.38
Total Trips	81.04	42.58	0.00	348.56	0.00	80.82
Evening In	29.43	33.39	0.00	303.48	0.00	67.80
Evening Out	18.92	39.29	0.00	293.90	0.00	79.79
Total Trips	48.35	72.68	0.00	597.38	0.00	147.59





BOS 2019-06-19 p.72/354

ACCESS FOAD (TYP.)

Percentage Use of Entrance

Morning D	Entrance	6	5	4	3	2	1
Evening (1-D)	618 Commercial	0%	0%	0%	75%	0%	25%
	618 Residential	0%	0%	0%	100%	0%	0%
	53 Commercial	0%	17%	0%	67%	0%	17%
	53 Residential	90%	0%	0%	10%	0%	0%
Evening D	Entrance	6	5	4	3	2	1
Morning (1-D)	618 Commercial	0%	0%	0%	50%	0%	50%
	618 Residential	0%	0%	0%	100%	0%	0%
	53 Commercial	0%	17%	0%	67%	0%	17%
	53 Residential	0%	0%	0%	100%	0%	0%

Peak	Trips	Each	Entrance	per	Use	

		Peak Trips Each Er						
Morr	ing	Entrance	6	5	4	3	2	1
Trips	Out	618 Commercial	0.00	0.00	0.00	20.46	0.00	6.82
D Fac	tor	618 Residential	0.00	0.00	0.00	24.82	0.00	0.00
		53 Commercial	0.00	12.03	0.00	48.14	0.00	12.03
		53 Residential	59.14	0.00	0.00	6.57	0.00	0.00
Even	ing	Entrance	6	5	4	3	2	1
Trips	In	618 Commercial	0.00	0.00	0.00	25.89	0.00	25.89
D Fac	tor	618 Residential	0.00	0.00	0.00	26.76	0.00	0.00
		53 Commercial	0.00	22.84	0.00	91.38	0.00	22.84
		53 Residential	0.00	0.00	0.00	70.84	0.00	0.00
Morr	ning	Entrance	6	5	4	3	2	1
Trips	In	618 Commercial	0.00	0.00	0.00	29.07	0.00	9.69
D Fac	tor	618 Residential	0.00	0.00	0.00	9.19	0.00	0.00
		53 Commercial	0.00	17.10	0.00	68.41	0.00	17.10
		53 Residential	21.90	0.00	0.00	2.43	0.00	0.00
Even	ing	Entrance	6	5	4	3	2	1
Trips	Out	618 Commercial	0.00	0.00	0.00	30.47	0.00	30.47
D Fac	tor	618 Residential	0.00	0.00	0.00	17.21	0.00	0.00
		53 Commercial	0.00	26.89	0.00	107.54	0.00	26.89
		53 Residential	0.00	0.00	0.00	45.55	0.00	0.00
Morr	ing	Entrance	6	5	4	3	2	1
Trips	Out	618 Commercial	0.00	0.00	0.00	8.98	0.00	8.98
(1-D)		618 Residential	0.00	0.00	0.00	16.34	0.00	0.00
		53 Commercial	0.00	5.55	0.00	22.22	0.00	5.55
		53 Residential	0.00	0.00	0.00	30.33	0.00	0.00
Even	ing	Entrance	6	5	4	3	2	1
Even Trips	_	Entrance 618 Commercial	6 0.00	5 0.00	4 0.00	3 25.56	2 0.00	1 8.52
	In						0.00 0.00	0.00
Trips	In	618 Commercial	0.00	0.00	0.00	25.56	0.00	
Trips	In	618 Commercial 618 Residential	0.00 0.00	0.00 0.00	0.00 0.00	25.56 17.61	0.00 0.00	0.00
Trips	In	618 Commercial 618 Residential 53 Commercial	0.00 0.00 0.00	0.00 0.00 10.54	0.00 0.00 0.00	25.56 17.61 42.18	0.00 0.00 0.00	0.00 10.54
Trips (1-D)	In	618 Commercial 618 Residential 53 Commercial 53 Residential	0.00 0.00 0.00 29.43	0.00 0.00 10.54 0.00	0.00 0.00 0.00 0.00	25.56 17.61 42.18 3.27	0.00 0.00 0.00 0.00	0.00 10.54
Trips (1-D) Morr	In ning In	618 Commercial 618 Residential 53 Commercial 53 Residential Entrance	0.00 0.00 0.00 29.43	0.00 0.00 10.54 0.00	0.00 0.00 0.00 0.00	25.56 17.61 42.18 3.27	0.00 0.00 0.00 0.00	0.00 10.54 0.00
Trips (1-D) Morr Trips	In ning In	618 Commercial 618 Residential 53 Commercial 53 Residential Entrance 618 Commercial	0.00 0.00 0.00 29.43 6 0.00	0.00 0.00 10.54 0.00 5 0.00	0.00 0.00 0.00 0.00 4 0.00	25.56 17.61 42.18 3.27 3 12.75	0.00 0.00 0.00 0.00 2 0.00	0.00 10.54 0.00 1 12.75
Trips (1-D) Morr Trips	In ning In	618 Commercial 618 Residential 53 Commercial 53 Residential Entrance 618 Commercial 618 Residential	0.00 0.00 0.00 29.43 6 0.00 0.00	0.00 0.00 10.54 0.00 5 0.00 0.00	0.00 0.00 0.00 0.00 4 0.00 0.00	25.56 17.61 42.18 3.27 3 12.75 6.05	0.00 0.00 0.00 0.00 0.00 2 0.00 0.00	0.00 10.54 0.00 1 12.75 0.00
Trips (1-D) Morr Trips	In ning In	618 Commercial 618 Residential 53 Commercial 53 Residential Entrance 618 Commercial 618 Residential 53 Commercial	0.00 0.00 0.00 29.43 6 0.00 0.00	0.00 0.00 10.54 0.00 5 0.00 0.00 7.89	0.00 0.00 0.00 0.00 4 0.00 0.00	25.56 17.61 42.18 3.27 3 12.75 6.05 31.57	0.00 0.00 0.00 0.00 2 0.00 0.00	0.00 10.54 0.00 1 12.75 0.00 7.89
Trips (1-D) Morr Trips (1-D)	In ning In	618 Commercial 618 Residential 53 Commercial 53 Residential Entrance 618 Commercial 618 Residential 53 Commercial 53 Residential	0.00 0.00 0.00 29.43 6 0.00 0.00 0.00	0.00 0.00 10.54 0.00 5 0.00 0.00 7.89 0.00	0.00 0.00 0.00 0.00 0.00 4 0.00 0.00 0.	25.56 17.61 42.18 3.27 3 12.75 6.05 31.57 11.23	0.00 0.00 0.00 0.00 0.00 2 0.00 0.00 0.	0.00 10.54 0.00 1 12.75 0.00 7.89 0.00
Trips (1-D) Morr Trips (1-D)	In ning In Out	618 Commercial 618 Residential 53 Commercial 53 Residential Entrance 618 Commercial 618 Residential 53 Commercial 53 Residential	0.00 0.00 0.00 29.43 6 0.00 0.00 0.00 0.00	0.00 0.00 10.54 0.00 5 0.00 0.00 7.89 0.00	0.00 0.00 0.00 0.00 0.00 4 0.00 0.00 0.	25.56 17.61 42.18 3.27 3 12.75 6.05 31.57 11.23	0.00 0.00 0.00 0.00 0.00 2 0.00 0.00 0.	0.00 10.54 0.00 1 12.75 0.00 7.89 0.00
Trips (1-D) Morr Trips (1-D) Even Trips	In ning In Out	618 Commercial 618 Residential 53 Commercial 53 Residential Entrance 618 Commercial 618 Residential 53 Commercial 53 Residential Entrance 618 Commercial	0.00 0.00 0.00 29.43 6 0.00 0.00 0.00 0.00	0.00 0.00 10.54 0.00 5 0.00 0.00 7.89 0.00 5 0.00	0.00 0.00 0.00 0.00 0.00 4 0.00 0.00 0.	25.56 17.61 42.18 3.27 3 12.75 6.05 31.57 11.23 3 30.08	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 10.54 0.00 1 12.75 0.00 7.89 0.00

Brad Robinson

From: Wood, James <james.wood@vdot.virginia.gov>

Sent: Friday, April 19, 2019 1:52 PM

To: Brad Robinson

Cc: Jason Stewart; auburnhillfarm; Kelsey Schlein; Justin Shimp; John Rose; Charles Proctor;

Nathan Umberger; Edward Saunders; Bruce Henning; Bethel Kefyalew; Jonathan

Rumbaugh

Subject: Fwd: Route 618 at Route 53: Colonial Circle Traffic Study

Brad,

VDOT has completed our review of the updated Colonial Circle Traffic Study and we agree with the findings of the study. See the email below dated April 18, 2019 from Chuck Proctor. If you have any questions, please let me know. Thanks.

Mark

----- Forwarded message -----

From: **Proctor**, **Charles** < <u>charles.proctor@vdot.virginia.gov</u> >

Date: Thu, Apr 18, 2019 at 1:53 PM

Subject: Re: Route 618 at Route 53: Colonial Circle Traffic Study To: Umberger, Nathan nathan.umberger@vdot.virginia.gov

Cc: Wood, James < <u>james.wood@vdot.virginia.gov</u>>, Edward Saunders < <u>alan.saunders@vdot.virginia.gov</u>>

I reviewed the analysis agree with the findings. Entrance 1, 5 and 6 will require left turn lanes be installed with the entrances. These may be within the limits of the current Roundabout project, but are not part of the that work. The developers is responsible for constructing any additional improvement when the development moves forward. Coordination will be require if the project and development are concurrent.

Let me know if you have any questions.

Thanks,

Chuck

On Mon, Apr 8, 2019 at 9:43 AM Umberger, Nathan <<u>nathan.umberger@vdot.virginia.gov</u>> wrote: Mark.

With the roundabout project coming online next year and the LOS showing well for that I don't have any comments/concerns.

Not sure if Chuck would need the SIDRA files or not to verify.

Thanks.

Nathan

On Thu, Mar 28, 2019 at 12:38 PM Wood, James < <u>james.wood@vdot.virginia.gov</u>> wrote:

Nathan,

See attached updated traffic study for Colonial Circle (Rte. 618 & Rte. 53 Roundabout) in Fluvanna County that includes the residential traffic that would be generated if a rezoning of Mr. Peters property is approved by Fluvanna County. The updated study accounts for the commercial traffic that was originally proposed and the addition of proposed residential traffic from a rezoning that is currently under consideration by Fluvanna County. Please review and let Chuck and I know if you have any comments or concerns. If you can have your review completed by **Monday, April 8, 2018** it would be greatly appreciated. The County plans to advertise the Planning Commission Meeting in April and hold the public meeting in early May.

I will forward you a second email from Kelsey Schlein with information that was missing from this attachment. Thanks.

Mark

----- Forwarded message -----

From: Kelsey Schlein < kelsey@shimp-engineering.com>

Date: Tue, Mar 26, 2019 at 10:12 AM

Subject: Route 618 at Route 53: Colonial Circle Traffic Study To: Chuck Proctor charles.proctor@vdot.virginia.gov

Cc: < <u>mark.wood@vdot.virginia.gov</u>>, Brad Robinson < <u>brobinson@fluvannacounty.org</u>>

Hi Chuck,

Hope you are well. I've attached the traffic study completed by EPR for the proposed Colonial Circle Development in Fluvanna County. Please let me know if you will require any additional information to complete your review.

Thank you!

Best.

Kelsey

--

Kelsey Schlein Land Planner | Shimp Engineering 912 E. High St. Charlottesville, VA 22902 | (434) 227-5140

--

Nathan S. Umberger, P.E., P.T.O.E. District Traffic Engineer - Culpeper 1601 Orange Road Culpeper, VA 22701 Office - (540)829-7668 --

Chuck

Charles C. Proctor III
Planning Manager - Culpeper District
1601 Orange Road, Culpeper VA 22701
540-829-7558

Brad Robinson

From: Wood, James <james.wood@vdot.virginia.gov>

Sent: Tuesday, February 5, 2019 12:14 PM

To: Brad Robinson

Cc: auburnhillfarm; Justin Shimp; Jason Stewart; John Wilson

Subject: Fwd: FW: Rte. 618/53 Roundabout (a.k.a. Colonial Circle) UPC #96938, Fluvanna County

Brad,

Chuck Proctor has reviewed the original July 2016 traffic study and the proposed residential development at the Colonial Circle roundabout. See his email response below.

VDOT is requesting an additional analysis of the entire proposed development to ensure that the roundabout and the entrances are adequate for the additional traffic generated by the proposed residential development.

Mark

----- Forwarded message ------

From: **Proctor**, **Charles** < <u>charles.proctor@vdot.virginia.gov</u>>

Date: Tue, Feb 5, 2019 at 10:24 AM

Subject: Re: FW: Rte. 618/53 Roundabout (a.k.a. Colonial Circle) UPC #96938, Fluvanna County

To: James Wood < james.wood@vdot.virginia.gov>

Cc: John Wilson <john.c.wilson@vdot.virginia.gov>, Rose, John <john.rose1@vdot.virginia.gov>

Mark.

I based the initial review and forecast on the ERP study. The current forecast show 9300 vehicle per day in the 2041 design year for the Roundabout. The recommendation in the report show that by adding an EB Right turn lane to the proposed roundabout it will continue to operate acceptably beyond the design year.

The additional development proposed for the Colonial Crossing site was not included in the Traffic Study for the development. The addition of more development will cause further degradation of Route 53 as the volumes approach 10,000 vehicle per day. The larger concept plan show mainly residential development along with additional accesses points. These new connections need to be evaluated to insure that they are adequate (they may need turn lanes).

I would request a further analysis of the entire proposed development to insure that the roundabout and the entrances are adequate for the added traffic.

Let me know if you have any questions.

Thanks,

--

Chuck

Charles C. Proctor III
Planning Manager - Culpeper District
1601 Orange Road, Culpeper VA 22701

BOS 2019-06-19 p.77/354 540-829-7558

Brad Robinson

From: Chuck Winkler <cwinkler@apps.fluco.org>

Sent: Friday, May 3, 2019 11:56 AM

To: 'Kelsey Schlein'

Cc: 'Donald Stribling'; Brad Robinson

Subject: RE: Comments Requested: Colonial Circle Development Proposal

Kelsey,

After discussing this matter with my team, the following are bullets of our top concerns\thoughts:

- Safety
- Multiple entries and exits
- Visibility for pull out on rt. 53 traffic
- Turning lanes entering division
- Round about
- Increased student population
- .5 .8 students per dwelling (450) I cannot remember the exact figure at this time
- Maneuverability and turn around spots within the division
- No parking on the streets
- Intersectional stops and not door/door
- · Businesses at the front

From: Kelsey Schlein [mailto:kelsey@shimp-engineering.com]

Sent: Thursday, May 02, 2019 10:16 AM **To:** Chuck Winkler < cwinkler@apps.fluco.org>

Cc: Donald Stribling dstribling@apps.fluco.org; Brad Robinson brobinson@fluvannacounty.org

Subject: Comments Requested: Colonial Circle Development Proposal

Mr. Winkler,

My name is Kelsey Schlein. I am an urban planner who works at Shimp Engineering, PC. We are assisting Mr. Steve Peters with his proposed Colonial Circle development located at the intersection of Route 618 and Route 53. I'm reaching out you in the hopes that you will provide a few short comments about the proposed-development. I have copied Brad Robinson on this email, the Fluvanna County Planner for this project.

It is my understanding FCPS was notified about this project in December 2018 when the County Planning Department conducted their Technical Review Committee meeting, but FCPS provided no comments at that time. FCPS is not required to provide comments. However, it is incredibly helpful to incorporate input from local schools when designing developments. In addition, such input will also help the County review staff, neighbors, and elected officials incorporate the schools' comments into their analysis of the project.

Mr. Stribling and Ms. Marsh graciously took time out of their morning earlier this spring to review the Master Plan for this project and to discuss build-out projection and how buses would potentially navigate the site. Only rezoning and special use permit applications have been submitted to the

County, not a site development plan and therefore there is still considerable time before the property will be developed. We would love the opportunity to incorporate your input, as we can, while the process is still fairly early.

I've reviewed the FY20 Budget Presentation given on February 20, 2019 and if there are no further comments from the school, this will serve as the source of my data for answering any questions regarding schools.

Legally, the developer cannot provide "off-site proffers" that are not specifically attributable to the development, which means the developer cannot provide any funding to FCPS for any new students that may move into the development. However, there are other design considerations that can mitigate the potential impact of new development on schools, such as, constructing units targeted towards households that likely will not have children. For example in addition to single family dwellings, the development proposes townhomes, duplexes, and apartments--all units which may be more marketable to childless households.

The plan is attached here for your review. I remain available for any questions you may have regarding this project.

Thank you.

Best Regards,

Kelsey

--

Kelsey Schlein Land Planner | Shimp Engineering 912 E. High St. Charlottesville, VA 22902 | (434) 227-5140 Lake Monticello Owners' Association 41 Ashlawn Blvd., Palmyra VA 22963 Tel 434-589-8263 ext. 4108 Fax 434-589-5696 acooke@lmoa.org www.lmoavoice.org



JANUARY 21, 2019

Brad Robinson, CZA, Senior Planner Fluvanna County Planning & Zoning P.O. Box 540 Palmyra, Virginia 22963

VIA: USPS & EMAIL: brobinson@fluvannacounty.org

Re: Proposed Colonial Circle Development

Dear Brad:

Thank you for including the Lake Monticello Owners' Association (LMOA) in the recent Neighborhood Meeting to discuss the plans for the proposed development of Colonial Circle located at the intersection of Rt.53 and Rt. 618. We have discussed the project and we would like to express the following concerns:

- 1.) There are currently (3) failed detention ponds affecting LMOA property and residents. They are located at Nahor Village, behind the Citgo, and behind the Goodwill. All three of these ponds have been in disrepair and damaging LMOA property for quite some time now. We would not want to see another development with ponds that have the potential for the same adverse effects to LMOA property.
- 2.) There is a concern that security could become an issue for owners who store their campers at the campground. We would ask that the County require that fencing or a wall is placed between our property and this development.
- 3.) Finally, we would ask that no advertisements of any sort that references Lake Monticello be allowed unless first approved by LMOA.

Please let me know if these concerns will be voiced at the Planning Commission meeting and/or the Board of Supervisors meeting or if we would be required to attend both. If you have any questions or would like to discuss any of our concerns please feel free to contact me directly at (434) 589-8263 or via email acooke@lmoa.org.

Respectfully,

Angie Cooke

Contracting Officer, LMOA

Received

JAN 29 2019

Planning Dept.

CC: STEVEN HURWITZ, GENERAL MANAGER LMOA; LMOA BOARD OF DIRECTORS

From: <u>Culbertson, Teresa C *HS</u>

To: Brad Robinson

Subject: RE: concerns re: new development

Date: Tuesday, February 12, 2019 1:27:33 PM

I would like to add to my concerns that someone has noted the possibility of having additional sewage disposal on one of the owners other properties—which would bring it close to the Lake and lake properties. If this were to happen, people would have to leave their Lake home in droves to avoid the smell that was not previously there. Selling homes would also be a major issue.

From: Brad Robinson [mailto:brobinson@fluvannacounty.org]

Sent: Monday, January 28, 2019 11:16 AM

To: Culbertson, Teresa C *HS <TAC8G@hscmail.mcc.virginia.edu>

Subject: RE: concerns re: new development

Hi Ms. Culbertson,

Your correspondence has been received and added to the project file.

Sincerely,

Brad Robinson, CZA, Senior Planner

Fluvanna County Planning Department
132 Main Street
P.O. Box 540
Palmyra, VA 22963
Ph: (434) 591-1910 ext 1061
brobinson@fluvannacounty.org

"Fluvanna County...The heart of Virginia and your gateway to the future."

From: Culbertson, Teresa C *HS < TAC8G@hscmail.mcc.virginia.edu>

Sent: Monday, January 28, 2019 9:46 AM

To: Brad Robinson < <u>brobinson@fluvannacounty.org</u>>

Subject: concerns re: new development

I was given your email address as I won't be able to attend the planning meeting on 2/12. I would like to pass on the following concerns about the proposed development at the corner of 618 and 53.

That area is very busy already with commuting traffic from Lake Monticello and other Fluvanna residents.

I can't even imagine if there were 400 residences built there how badly that would impact the daily commute on 53. It is already very busy at certain times of the commute, and the last thing any of us need is more traffic on the road to add to the possibilities of commuting issues as well as traffic slowdowns. If this was a small community of 20 houses or something like that, that would be fine, but 400? In this rural area, with 53 being their primary commuting method? That is not a good thing.

If more children are added to the area by not limiting this development to a certain age group, the

schools will only be negatively impacted because the budget is already tight. There really is no room in the school budget for this.

I do not have much confidence in the possibility of businesses coming into the development. It will depend on how the lease space is priced—we have plenty of available spaces for businesses now that are not fully used because of the costs to businesses in the area. If the development promises businesses, only to charge too much and have empty storefronts, we will just be left with more people clogging up the highways and coming into our already busy schools.

Thanks, Teresa



Peter J. Caramanis

Attorney at Law
pcaramanis@rc.law
200-C Garrett Street
Charlottesville, VA 22902
(434) 260-8767 ■ Fax (434) 710-4061

COLLISON F. ROYER
PETER J. CARAMANIS
JESSICA F. PHILLIPS
ERNEST A. HARPER
RUSSELL N. KRUSE
SHANNON T. MORGAN

SHELLIE S. TAYLOR TAYLOR R. ODOM SAMANTHA V. RICCI

STACEY L. McDonough OF Counsel February 12, 2019

Fluvanna County Planning Commission Via Email

RE: Colonial Circle

ZMP 18:01 and SUP 18:05

Dear Members of the Planning Commission:

I represent Roy and Crystal Shifflett who are abutting landowners to the proposed Colonial Circle development scheduled to come before you for public hearing this evening. The Shiffletts have several concerns with the proposal, many of which we understand are shared by neighbors and have been addressed to you and/or Planning staff. Below is a summary of those concerns which we respectfully request you take into account when reviewing the proposal this evening.

First, we understand that a traffic study is in progress but has not yet been completed and shared with the County. Given the already-existing traffic problems on Route 53 in the area, it is beyond question that traffic considerations are paramount in review of this application. Accordingly, it is our position that the Planning Commission should not take any action or make any recommendations without having had time to receive and review the results of the traffic study, and to work with the developer to address any concerns shown in the resulting report.

As noted in the Staff report, one of the priorities within the Comprehensive Plan is "to increase traffic safety and improve flow." While we understand the proposed traffic circle is intended to address certain traffic concerns, the significant additional traffic from the proposed commercial uses, as well as an extraordinary 418 residential units, can certainly not be seen as increasing traffic safety in the area without additional road improvements which would be costly for the County.

In addition, the Comprehensive Plan promotes the enhancement of *existing* commercial centers and preserving the rural character of the area. This proposal would do neither of those things, and, in fact, likely create the opposite impact. It is clear the proposal would certainly make the area less rural in character, and the new commercial uses are not likely to enhance any of the *existing* commercial centers but rather to take business away from them.

Of primary concern is the applicant's request for increased density. As you know, the by right use of the property under its existing agricultural zoning would permit no more than 20 houses. With the requested rezoning, that number would dramatically increase to 179 units, and with the

special use permit sought, it would skyrocket to 418 units. That proposal cannot be taken lightly as it would have considerable impacts on traffic, schools, infrastructure, and more.

Given that the Shiffletts' property is served by well water, one of their concerns is whether this major development could negatively impact their groundwater quality or availability. Furthermore, given that a proposed entry road runs close to the Shiffletts' property, the Shiffletts' ability to enjoy the rural character of their property will be adversely impacted by high volume traffic adjacent to their home. The Shiffletts presently use the over 120 acres they own for hunting deer, and by doing so provide significant benefit in helping manage the deer population in and around Lake Monticello. The proposed development would negatively impact the Shiffletts' ability to continue to hunt on portions of their property, which would have adverse impact on the surrounding community in the form of deer overpopulation.

While we recognize the Peters' right to develop their property, we rely on you to protect the interests of others like the Shiffletts in this process. Thank you, in advance, for your careful consideration of the many factors influencing the review of these applications. We will be monitoring this project as it proceeds and may provide you additional comment as things evolve.

Very truly yours,

Peter J. Caramanis

Cc: Mr. Brad Robinson (via email)

Shellie S. Taylor, Esq. Roy and Crystal Shifflett

Brad Robinson

From: Gene Runion < gene.runion@gmail.com>
Sent: Tuesday, March 12, 2019 4:37 PM

To: Brad Robinson

Subject: Comment - Colonial Circle Zoning Request

3/12/2019

Planning commission,

In reference to:

TMP: 8-A-A14A Colonial Circle R-3

Zoning Request and Special Use Permit for up to 10 DUA

ZMP 18:01 – Steven & Codie Peters / Colonial Circle – Brad Robinson, Senior Planner SUP 18:05 – Steven & Codie Peters / Colonial Circle Density – Brad Robinson, Senior Planner

I moved to Fluvanna in the early 1970s because Fluvanna was rural and at that time Fluvanna's goal was to stay rural. I realize the passing of time does bring changes and erosion of old ways, plans and hopes. However if the Colonial Circle R-3 with the special use permit is approved the result would not be a change but would be devastating to the rural character of the area and the to the hopes of the long term residents of the area. Such a change is permanent; there is no undo!

Major concerns resulting from a high-density development include:

- Increase in everyone's taxes because of the impact on schools, police, fire, and rescue.
- Huge impact on Route 53 traffic. The Martin Kings Road and Route 53 intersection is already a challenge to negotiate most times of the day. The same is true for the residents with driveways on Route 53. Traffic on Route 53 has become a traffic safety issue, not just a traffic nuisance issue.
- The open space described in the proposal seems adequate for 179 units but not for 418 residential units.
- What will the high-density development look like in 10, 20 or 30 years after completion? What is the long-term maintenance plan? Is this a build, sell, and then run project?
- Would 418 residential units plus the commercial businesses make the soon-to-be started roundabout overly congested?
- Will this project bring any positive benefits to the rural community?

Mervel E Runion 287 Martin Kings Rd Charlottesville, VA 22902 (Fluvanna County)

C: 434-242-1867 H: 434-589-3679 An Ordinance To Amend The Fluvanna County Zoning Map, With Respect To 61.95 acres of Tax Map 8, Section A, Parcel A14A to rezone the same from A-1, Agricultural, General and B-1, Business, General to R-3, Residential Planned Community (ZMP 18:01)

BE IT ORDAINED BY THE FLUVANNA BOARD OF SUPERVISORS, pursuant to Virginia Code Section 15.2-2285, that the Fluvanna County Zoning Map be, and it is hereby, amended, as follows:

That 61.95 acres of Tax Map 8, Section A, Parcel A14A, be and is hereby, rezoned from A-1, Agricultural, General and B-1, Business, General to R-3, Residential Planned Community.

FLUVANNA COUNTY BOARD OF SUPERVISORS AGENDA ITEM STAFF REPORT

TAB C

MEETING DATE:	June 19, 2019						
AGENDA TITLE:	SUP 18:05 – Steven L. and Codie C. Peters / Colonial Circle Density						
MOTION(s):	I move that the Board of Supervisors [approve/deny/defer] SUP 18:05, a request to increase maximum gross residential density above 2.9 units per acre with respect to 61.95 acres of Tax Map 8, Section A, Parcel A14A, [if approved] subject to the four (4) conditions listed in the staff report.						
STRATEGIC INITIATIVE?	Yes No If yes, list initiative(s):						
AGENDA CATEGORY:	Public Hear	ing	Action	Matter	Presentation	Consent Agenda	Other
STAFF CONTACT(S):	Brad Robins	on, S	Senior Pl	anner			
PRESENTER(S):	Brad Robins	on, S	Senior Pl	anner			
RECOMMENDATION:	At its meeting on May 7, 2019, the Planning Commission recommended denial of SUP 18:05 for 418 units (5-0); Mrs. Murray-Key moved to recommend denial and Mr. Johnson seconded. AYES: Bibb, Johnson, Lagomarsino, Murray-Key and Zimmer.						
TIMING:	Immediate decision requested at current meeting.						
DISCUSSION:	Request for a special use permit to increase maximum gross residential density above 2.9 dwelling units per acre with respect to 61.95 acres of Tax Map 8, Section A, Parcel A14A.						
FISCAL IMPACT:							
POLICY IMPACT:	 The Board of Supervisors may: Approve this request, allowing an increase in maximum gross residential density above 2.9 units per acre; OR Deny this request, preventing an increase in maximum gross residential density above 2.9 units per acre; OR Defer this request and make a final decision at a later date. 						
LEGISLATIVE HISTORY:	Review of proposed density increase in accordance with Chapter 22, Article 7 of the Fluvanna County Code (Zoning Ordinance: Permitted residential density). Application was received on December 3, 2018. Planning Commission reviewed the request on May 7, 2019.						
ENCLOSURES:	Staff Report (with accompanying attachments)						
REVIEWS COMPLETED:	Legal Finance Purchasing HR Other X						



COUNTY OF FLUVANNA

"Responsive & Responsible Government"

132 Main Street P.O. Box 540 Palmyra, VA 22963 (434) 591-1910 Fax (434) 591-1911 www.fluvannacounty.org

STAFF REPORT

To: Fluvanna County Board of Supervisors

Case Number: SUP 18:05

Tax Map: Tax Map 8, Section A, Parcel A14A

From: Brad Robinson District: Palmyra

Date: June 19, 2019

General Information: This request is to be heard by the Board of Supervisors on

Wednesday, June 19, 2019 at 7:00 p.m. in the Circuit Court Room

in the Courts Building.

Owner: Steven L. & Codie C. Peters

Applicant: Steven L. & Codie C. Peters

Representative: Shimp Engineering

Requested Action: Request for a special use permit to increase maximum gross

residential density above 2.9 dwelling units per acre with respect to 61.95 acres of Tax Map 8, Section A, Parcel A14A.

(Attachment A)

Approval of this request is subject to rezoning of the property to R-3, Residential Planned Community. Rezoning application

ZMP 18:01 is being reviewed concurrently with this request.

Location: The affected property is located on the northeast corner of the

intersection of Thomas Jefferson Parkway (Route 53) and Lake Monticello Road (State Route 618). The parcel is within the Rivanna Community Planning Area and the Palmyra Election

District. (Attachment B)

Existing Zoning: A-1 Agricultural, General and B-1 Business, General

Existing Land Use: Vacant/undeveloped

Planning Area: Rivanna Community Planning Area

Adjacent Land Use: Adjacent properties are zoned A-1 and R-4, Residential, Limited.

Zoning History: ZMP 15:02 was approved October 21, 2015 for approximately 21.5

acres of Tax Map 8-A-A14A.

Comprehensive Plan:

Land Use Chapter:

The Comprehensive Plan designates this property as within the Rivanna Community Planning Area. According to this chapter, "the area is traditionally neighborhood residential, with primarily single-family detached dwellings. Surrounding growth should be a mixture of uses and residential dwelling types that serve a variety of incomes. Neighborhood mixed-use is needed to help offset the volume of single-family residential development in this community. Additional services and infrastructure are needed to accommodate more growth."

The Rivanna Community Planning Area is the most developed planning area in the county and contains a mixture of residential and commercial uses to serve the population. A variety of retail, food service and professional service oriented businesses are located in and around the Rivanna CPA.

Economic Development Chapter:

According to this chapter, "the primary infrastructure service areas will be the Zion Crossroads, Lake Monticello, and Fork Union community planning areas".

Implementation Goals and Strategies:

B To protect rural areas through economic development.

(4) Offer incentives for building mixed-income housing, with an emphasis on workforce and affordable housing, in the community planning areas to maximize the use of existing transportation corridors, creating the level of density needed for attracting mixed-use development and creating vibrant, diverse, and healthy neighborhoods.

Housing Chapter:

According to this chapter, "the addition of more multifamily units to the housing mix would increase Fluvanna's housing options and availability." With regard to planning for an aging population, "smaller homes to own or rent designed with seniors in mind should be encouraged in the planning process. As the population of the county continues to age, mobility will become a prominent issue. Rural seniors who are no longer able to drive face serious obstacles in accessing food and medical care. Fluvanna is certain to remain rural and automobile dependent, but creating options for non-drivers (compact, walkable areas, neighborhoods with mixed uses, and access to transit) is essential for allowing residents to thrive here throughout their lives." This chapter also encourages that "any rezoning application should be viewed as an opportunity to create some affordable housing (e.g., 15-20 percent of the units in the project)."

Implementation Goals and Strategies:

A To provide for most of the county's future housing needs within the community planning areas.

(3) Encourage housing in close proximity to commercial development so that the need for transportation to work is lessened.

B To provide a variety of well-planned housing choices.

(2) Allow for a mix of housing types and densities in individual developments (single and multifamily) as appropriate for the area and existing or planned infrastructure.

Analysis:

This is a special use permit application to increase the maximum gross residential density for a proposed mixed-use development to be known as Colonial Circle. The residential sections of the development (identified as Blocks B, C and D on the preliminary master plan for the associated rezoning request, ZMP 18:01) could include a variety of residential uses such as single-family detached, single-family attached, two-family, multi-family and townhouse dwellings with density allocated as follows:

Block A	Open Space (15.2 acres, 0 units)			
Block B	Single-Family Detached and Two-Family Dwellings (4.8 acres, 30 units)			
Block C	Single-Family Detached, Two-Family, Single-Family Attached and Townhouse Dwellings (18.7 acres, 115 units)			
Block D	Single-Family Attached, Townhouse and Multi-Family Dwellings (9.7 acres, 200 units*)			
Block E	Commercial (12.2 acres, 0 units)			

While the sum of the units listed above totals 345, the applicant proposes to maintain a maximum of 325 units which equates to 5.4 units per acre and exceeds the R-3 district's by right density of 2.9 units per acre. If the maximum residential density of 325 units is reached prior to individual blocks reaching full residential build-out, individual blocks would not be built to the maximum residential density provided for individual blocks as outlined above.

In accordance with Sec. 22-7-8, a special use permit is required for density between 3 and 10 units per acre in the R-3 district. This provision to increase density is the result of a 2018 amendment to the Zoning Ordinance (ZTA 18:05) and therefore this application is the first request to utilize this provision. ZTA 18:05 brought the Zoning Ordinance in line with the 2015 Comprehensive Plan which encourages a residential density of 10 dwelling units per acre in the Zion Crossroads Community Planning Area and 6 dwelling units per acre in the Rivanna Community Planning Area.

When evaluating proposed uses for a special use permit, in addition to analyzing the potential adverse impacts of the use, staff utilizes two (2) general guidelines for evaluation as set forth in the zoning ordinance.

First, the proposed use should not tend to change the character and established pattern of the area or community.

The subject property is located within the Rivanna Community Planning Area which is developed primarily with single-family detached dwellings. The proposed development would provide a mixture of residential dwelling types for a variety of incomes which is needed for the county, however it would also introduce higher-density residential uses into the immediate area that are not traditionally found throughout the Rivanna CPA. The subject property is located on the periphery of the CPA where land use transitions from single-family dwellings on smaller lot sizes to rural residential uses on larger parcels.

Second, the proposed use should be compatible with the uses permitted by-right in that zoning district and shall not adversely affect the use/or value of neighboring property.

All of the proposed residential uses are permitted by right in the R-3 district in accordance with Sec. 22-7-9.1. Properties in nearby Lake Monticello are zoned R-4 which also permits these residential uses by right [Sec. 22-8-2.1]. The nearest site zoned R-3 is approximately 1.5 miles south of the subject property at Nahor Village.

Sec. 22-1-2 of the zoning ordinance states its purpose is "to facilitate the creation of a convenient, attractive and harmonious community" as well as "to protect against over-crowding of land".

(Attachment C)

Neighborhood Meeting:

A neighborhood meeting was held January 16, 2019. There were nine (9) attendees including staff and the applicant. The attendees had several questions or concerns primarily related to rezoning application ZMP 18:01 and the overall development as opposed to the specific request to increase density. A summary of the questions and concerns can be found in Attachment D.

Technical Review Committee:

The following comments are the result of the Technical Review Committee meeting that was held on Thursday, December 13, 2018:

- 1. Planning staff asked about the price of the housing and what type of commercial uses are proposed. Some desirable uses are allowed by right while others may require approval of a special use permit in the future.
- 2. Building Inspections did not have any comments.

- 3. Chamber of Commerce did not have any comments.
- 4. Department of Forestry did not have any comments.
- 5. Erosion and Sediment Control noted the absence of adequate receiving natural channels on or adjacent to the site. The applicant stated an intent to use the VA DEQ "energy balance equation" to reduce post development discharges to a level that does not require proof of adequate receiving channels.
- 6. Fire Chief had the following questions or comments (applicant responses italicized):
 - Would like for the distance between fire hydrants to be 800 feet or less.
 - What will the width of the streets would be? (Between 20 and 25 feet, and alleys would be less than 20 feet.) Will there be parking on the alleys? (Yes.) At least 18 feet width is needed for a ladder truck.
 - Will the roads within the development be public or private? (*There will be a mixture of both public and private roads.*)
 - Fire Chief stated he would prefer not to have hammerheads as the terminus for streets, and that his comments also reflect the Virginia Department of Forestry and the Lake Monticello Volunteer Fire Department.
- 7. Health Dept. has not provided any comments at the date of this letter.
- 8. Sheriff's Office did not have any comments.
- 9. VDOT stated that the project will need to be coordinated with the roundabout construction. Official comments have not been provided at the date of this letter.

In response to the comments from the Fire Chief, the applicant revised the master plan and removed all hammerhead cul-de-sacs.

(Attachment E)

Planning Commission:

The Planning Commission reviewed this SUP request at their meeting on May 7, 2019. Two persons spoke during the public hearing with concerns about the proposed project. The Planning Commission voted 5-0 to recommend denial of this request in accordance with a preliminary master plan proposing a maximum of 418 residential units. Mrs. Murray-Key moved to recommend denial, and Mr. Johnson seconded. The master plan has been revised since the May 7, 2019 meeting to propose a maximum of 325 units.

Conclusion:

The Board of Supervisors should consider any potential adverse impacts, such as traffic entering and exiting the property, noise, dust, vibration, or visual clutter. The Board of Supervisors can recommend conditions to ensure the proposed use will not be detrimental to the character and development of the adjacent area.

Recommended Conditions:

If approved, Staff recommends the following conditions:

- 1. Prior to development of the site, site development plans and subdivision plats that meet the requirements of the Fluvanna County zoning and subdivision ordinances must be submitted for review and approval.
- 2. The maximum gross residential density for all dwelling units, including single-family detached, single-family attached, two-family, multi-family and townhouse dwellings, shall not exceed 325 units. Any increase in density shall require submittal of a special use permit application in accordance with the procedures of Sec. 22-17-4.
- 3. The Board of Supervisors, or its representative, reserves the right to inspect the property for compliance with these conditions at any time.
- 4. Any special use permit issued pursuant to Article 17 of the Fluvanna County Zoning Ordinance may, after notice and hearing as provided in Section 22-17-4(C), be revoked by the governing body upon a finding that (1) the use for which such permit was granted has been abandoned; or (2) that the holder of such permit has substantially breached the conditions of such permit. For purposes of this section, a special use permit may be deemed abandoned by the governing body if the approved use has not been initiated within two (2) years from the date of approval.

Suggested Motion:

I move that the Board of Supervisors [approve/deny/defer] SUP 18:05, a request to increase maximum gross residential density above 2.9 units per acre with respect to 61.95 acres of Tax Map 8, Section A, Parcel A14A, [if approved] subject to the four (4) conditions listed in the staff report.

Attachments:

- A Application, narrative and APO letter
- B Aerial Vicinity Map
- C ZMP 18:01 proposed master plan
- D Neighborhood meeting sign-in sheet and comments
- E TRC letter
- F Email from Fluvanna County Public Schools
- G Citizen correspondence

Copy: Steven L. and Codie C. Peters, Owner/Applicant – <u>auburnhillfarm@earthlink.net</u>
Shimp Engineering, Representative – <u>justin@shimp-engineering.com</u> and <u>kelsey@shimp-engineering.com</u>
File

App

COUNTY OF FLUVANNA Application for Special Use Permit (SUP)

Owner of Record: Steven L. & Codie C. Peters	Applicant of Record: Steven Peters		
Address: 2390 Auburn Hill Farm Charlottesville, VA 22902	_Address: same as owner		
Phone:Fax:	_Phone:Fax:		
Email:	Email:		
Representative: Shimp Engineering	Note: If applicant is anyone other than the owner of record,		
Address: 912 E. High St. Charlottesville, Va 22902	written authorization by the owner designating the applicant as the authorized agent for all matters concerning		
Phone: (434)227-5140Fax:	the request shall be filed with this application.		
Email justin@shimp-engineering, kelsey@shimp-engineering	If property is in an Agricultural Forestal District, or		
Tax Map and Parcel(s) 8-A-A14A	Conservation Easement, please list information here:		
Acreage 61.95 Zoning A-1 (portion B-1)	Deed Book and Page:		
Location of Parcel: intersection of Route 53 and Route 618	If any Deed Restrictions, please attach a copy		
lequest for an SUP for the purpose of: density of up to ten (10) dwelling units per acre		
*Ten copies of a sketch plan (8.5x11 inches or 11x17 inches) must location of the proposed building, structure or proposed use lot. By signing this application, the undersigned owner/applicant authorize Commission, and the board of Supervisors during the normal discharge county employees will make regular inspections of the site. Date: 5 Signature of Owner/Applicant: Subscribed and sworn to before me this 5 day of the site of the site of the site of the site of the site. Notary Public: Need Market Scropharder My commission expires: 63/31/2022 Certification: Date: 04/14/2018	the submitted, showing size and location of the lot, dimensions and et, and the dimensions and location of the existing structures on the etes entry onto the property by County Employees, the Planning te of their duties in regard to this request and acknowledges that		
12-6-18	gn Deposit Received: /3-6-18 Application #: SUP_18 : OS		
	ts: \$20.00 Adjacent Property Owner(APO) after 1st 15, Certified Mail		
Amendment of Condition: \$400.00 fee plus mailing costs paid:			
Telecommunications Tower fee plus mailing costs paid:	Telecom Consultant Review fee paid:		
Planning Area: Rivanna CPA Public Hearings			
Planning Commission	Board of Supervisors		
	dvertisement Dates:		
111 6001	APO Notification: Date of Hearing		
1,6017	Decision:		
Decision:			



Name:

Commonwealth of Virginia County of Fluvanna Public Hearing Sign Deposit

	Steven Peter	5		
Address: —	2390 Auburn	Hill Farm		
City:	Charlottesvil	le		
State:	VA	Zip Code:	22902	
ncidents whi	ify that the sign issued to ich cause damage, theft, o thisdeposit.			
policant Sign	nature	Da Da	5 DEC 20	018

	FFICE USE ONLY		S OF S AS	
Application #: BZA : CPA :	SUP 18 :05 Z	MP:	ZTA	
\$90 deposit paid per sign*:	Approximate de	ate to be return	ned:	

^{*}Number of signs depends on number of roadways property adjoins.

Describe briefly the improvements proposed. State whether new buildings are to be constructed, existing buildings are to

be used, or additions made to existing buildings.
see attached narrative and application plan
NECESSITY OF USE: Describe the reason for the requested change.
The Comprehensive Plan recommends for mixed-use, mixed-income development in the Rivanna Community Planning Area; a special use permit request for up to ten (10) dwelling units per acre is consistent with this vision.
PROTECTION OF ADJOINING PROPERTY: Describe the effects of the proposed use on adjacent property and the surrounding neighborhood. What protection will be offered adjoining property owners?
There will be adequate screening between the development and adjacent properties. The anticipated roadway improvements at the intersection of Route 53 and Lake Monticello Road will mitigate traffic impacts and improve the safety and efficiency of the intersection.
ENHANCEMENT OF COUNTY: Why does the applicant believe that this requested change would be advantageous to the County of Fluvanna? (Please substantiate with facts.)
The project is located within a designated growth area, just outside of Lake Monticello, Fluvanna's most populous and well-established residential community. The project will create the opportunity for more commercial uses and neighborhood services in the Rivanna Community Planning Area and will establish a variety of housing types, somethin that is much needed in the County overall.
PLAN : Furnish plot plan showing boundaries and dimensions of property, width of abutting right-of-ways, location and size of buildings on the site, roadways, walks, off-street parking and loading space, landscaping, etc. Architect's sketches showing elevations of proposed buildings and complete plans are desirable and may be required with the application. Remarks:
Please see application plan

Commonwealth of Virginia

County of Fluvanna

Special Use Permit Checklist

The following information shall be submitted with the application and is to be provided by the applicant for the processing of the application:

Applicant must supply	Staff Checklist
Completed Special Use Permit signed by the	
current owner(s) or lessee or written confirmation	
from the current owner or lessee granting the right	
to submit the application	
Ten (10) copies of a Site Plan for any expansion or	
new construction Include:	
Plot plan or survey plat at an appropriate	
scale	
Location and dimension of existing	
conditions and proposed development	
Commercial and Industrial Development:	
parking, loading, signs, lighting, buffers	
and screening	
Copy of the Tax Map showing the site	
(preferred)	
General Location Map (preferred)	
Supporting photographs are not required, but	
suggested for evidence	

All maps and plans submitted are to be either 8.5"x 11" or 11"x 17". One original of any size may be for staff use at the public hearing.

Staff Only	Staff Checklist
Preliminary review by planning staff for completeness and content:	
Technical Review Committee review and comment	
Determine all adjacent property owners	
 Placed as a Public Hearing on the next available agenda of the Planning Commission. 	
Notification of the scheduled Public Hearing to the following:	
Applicant	
• •	
All adjacent property owners	
Local Newspaper advertisement	
Staff Report to include, but not be limited to:	
General information regarding the application	
 Any information concerning utilities ortransportation 	
 Consistency with good planning practices 	
 Consistency with the comprehensive plan 	
 Consistency with adjacent land use 	
 Any detriments to the health, safety and welfare of the community. 	

Page 5 of 5

For Applicant

The Special Use Permit application fee is made payable to the County of Fluvanna.

Meetings for the processing of the application

Applications must be submitted by the first working day of the month to have the process start that month. Applications received after the first working day will have the process start the following month.

Process:

- 1. Placed on next available Technical Review Committee Agenda.
- 2. Placed as a Public Hearing on the next available agenda of the Planning Commission the following month. Staff Report and Planning Commission recommendation forwarded to the Board.
- 3. Placed as a Public Hearing on the next available agenda of the Board of Supervisors (usually the same month as the Planning Commission).

Applicant or a representative must appear at the scheduled hearings.

The Technical Review Committee provides a professional critique of the application and plans. The Planning Commission may recommend to the Board of Supervisors: approval; approval subject to resubmittal or correction; or denial of the special use permit.

Board Actions

After considering all relevant information from the applicant and the public, the Board will deliberate on points addressed in the Staff Report.

The Board may approve; deny; or defer the request pending further consideration; or remand the case back to the Planning Commission for further consideration.

With approval, the development may proceed.

If denied, an appeal to the Courts may be prescribed by law

No similar request for a Special Use Permit for the same use at the same site may be made within one year after the denial.

TMP: 8-A-A14A
Colonial Circle R-3 Zoning Request
and Special Use Permit for Additional Density
Project Narrative
December 3, 2018
Revised: June 12, 2019

Project Proposal:

This proposal is to rezone 61.95 acres from A-1 (40.45 acres) and B-1 (21.5 acres) to R-3 with a special use permit for additional residential density above 2.9 dwelling units per acre for a total of 325 residential units on the property. The site is located on the northeast corner of the intersection of S.R. 53 (Thomas Jefferson Parkway) and S.R. 618 (Lake Monticello Road). A roundabout is proposed by VDOT to replace the existing T-intersection adjacent to this site and this proposal assumes (as did the previously approved 21.5 acre commercial rezoning for this site) a completed roundabout by VDOT. No certificate of occupancy shall be issued on the property prior to completion of the roundabout.

Property Description/ Tax Map 8-A-A14A

Existing Conditions: 61.95 acres

Vacant

2-10% existing slopes

85-90% 1-2 year "scrub growth" (the site was recently logged)

A-1 (40.45 acres) and B-1 (21.5 acres) zoning Existing wetlands have not been located on the site

Proposed Use: R-3 Application Plan with a maximum development of:

81,000 square feet commercial 325 Maximum Residential Units

30 Single Family Detached and Two Family Dwelling Units

115 Single Family Detached, Two Family, Single Family Attached, +

Townhome Dwellings

200 Single Family Attached, Townhomes, + Multi-Family Units

Walkable neighborhood design components

Landscape Buffers along Lake Monticello Road and Th. Jefferson Pkwy Dwelling Units Per Acre (5.4 density calculated using 60.7 acres as property

total, excluding 1.25 Acre ROW dedication)

Surrounding Uses / List of Adjoiners:

TAX MAP	PARCEL	OWNER	ZONING	LAND USE
8-((A))	15	Shifflett, Roy Lee &	A-1	
		Crystal L.		Residential
8-((A))	4A	Harlow, Wayne H.	A-1	Residential
		Shifflett, Roy & Crystal		
8-((A))	5A	Et Al	A-1	Agricultural
8-((A))	23	Marks, Edward	A-1	Agricultural
		Shifflett, Roy & Crystal		
8-((A))	13	Et Al	A-1	Agricultural
		Bland, George B. & Jo		
8-(9)	5	Ann	A-1	Residential
		Lake Monticello Owners		
8-((A))	22B	Association	R-4	Campground
8-((A))	21	Effort Baptist Church	A-1	Church
		Peters, Steven L. &		Agricultural
8-((A))	A14	Codie C.	A-1	(Easement)
		Heinberg, Benjamin A. &		Agricultural
8-((A))	A14A	Elizabeth B.	A-1	(Easement)
		Spradlin, Lindsay L. &		,
8-((A))	11	Wife	A-1	Residential

Consistency with Comprehensive Plan:

Figure LU-13 on page 50 of the comprehensive plan designates this site as Neighborhood Mixed-Use (8-10 dwelling units per acre) while Figure LU-14 on page 51 designates this site as Neighborhood Residential with a proposed density of 4-8 dwelling units per acre. At a proposed density of 5.4 dwelling units per acre, the proposed development is at the lowest end of the density recommendations for the site outlined in the Comprehensive Plan. A density of 5.4 dwelling units per acre provides sufficient density to achieve the "missing middle" housing types, like townhomes, that are largely non-existent in Fluvanna County today. This site contains an approved 21.5 acre regional use (shopping center) and the Rivanna Community Plan recommends "clustering development around existing centers to preserve rural areas".

This zoning will achieve all four priorities (page 52), identified by Lake Monticello residents, for improving quality of life for residents inside and outside of Lake Monticello:

- To increase traffic safety and improve flow at key intersections.
- To enhance existing commercial centers in appearance, design, and available services focusing on "village center" concepts.
- To provide housing choices for a variety of age groups and income levels, appropriate to the area.
- To preserve the rural character of the surrounding area and protect natural resources...



Shimp Engineering 912 E. High St. Charlottesville, VA 22902

December 3, 2018

Mr. Brad Robinson Fluvanna County Planning and Zoning 132 Main Street P.O. Box 540 Palmyra, VA 22963

RE:

Rezoning 2018-_____ Transmittal Letter, and Special Use Permit for Density of up to 10 DUA

TMP 8-A-A14A

Dear Mr. Robinson.

Please find ten (10) copies of the application plan and a project narrative included in this submittal for the Colonial Circle Rezoning and Special Use Permit Request for up to ten (10) Dwelling Units Per Acre. Sheet C8 "Consistency with the Comprehensive Plan" is included in the application plan and additionally is included as a separate 11x17 exhibit to show the planning maps in color. The Special Use Permit application requires a sketch plan on letter or tabloid size paper, however, due to the size of the property and the scale of the development, the project design is difficult to discern on smaller sized plots. Full-size plots have been provided to meet this requirement. Please let me know if you still would like smaller copies to conduct your review.

Please find hard copies of required application documents included in this submittal. Additionally, an "intent to serve" letter has been provided from Aqua Virginia. Aqua most recently reviewed the plan when it showed a maximum of 400 dwelling units; the plan has been updated to show a maximum of 418 dwelling units. We will work to get an updated letter from Aqua to address this change. It is our understanding a Special Use Permit will be required for major utilities. A special use permit will be submitted to accommodate a sewer to service the site and we will submit an application for this special use permit in the future. If you require any additional information to complete your review of the rezoning and special use permit request, please let me know at your earliest convenience. I look forward to working with you throughout this process.

Respectfully.

Kelsey Schlein

Received EC 03223

The same of



October 27, 2018

By Electronic Delivery:
Kelsey Schlein, Shimp Engineering, P.C.
Colonial Circle R-3 Layout
201 E. Main Street, Ste M
Charlottesville, Virginia 22902
kelsey@shimp-engineering.com

Re: Proposal Colonial Circle R-3 Layout, Fluvanna County, Virginia

Dear Ms. Schlein;

Aqua Virginia ("Aqua") has reviewed the Residential Planned Community (R-3) Master Plan for Colonial Circle dated November 25, 2018, with a proposed 400 residential units and 81,000 SF of commercial space, located adjacent to the Lake Monticello utility service area. The developer has contacted Aqua with a request to provide water and wastewater utility service. Aqua has interest in doing so provided that the terms and conditions for such an agreement, including capacity, flows, monetary terms and other key terms, are negotiated into a final agreement and all required governmental approvals and permits are obtained.

Aqua Virginia, Inc., is a regulated Virginia public service corporation that is a wholly-owned subsidiary of Aqua America, Inc., a publicly-traded company whose shares are listed on the New York Stock Exchange under the ticker symbol "WTR". Aqua is one of the nation's largest investor owned water and wastewater utilities, founded in 1886, now serving more than three million people in eight states. Aqua has a market capitalization over \$6 billion. In Virginia, Aqua serves 173 communities and delivers services to over 80,000 residents. Aqua has a distinguished record and leads the industry in operating efficiency. We continuously invest using scale and experience to provide the most cost-effective utility services possible. Aqua and our utility rates are regulated by the Virginia State Corporation Commission (the "SCC"), the Virginia Department of Health (the "VDH"), and the Virginia Department of Environmental Quality (the "DEQ").

Should you have any questions or need to reach me, please call 804.310.0398 or email CLParkerIV@AquaAmerica.com.

Respectfully submitted,

Clifton L. Parker, IV, PE

Cliffer Pelin

Director, Business Development

Aqua Virginia, Inc.

MEMORANDUM

Date: June 3, 2019
From: Valencia Porter

To: Eric Dahl

Subject: Board of Supervisors Meeting

Please be advised the attached letter went out to the attached list of Adjacent Property Owners for the June 19, 2019 Board of Supervisors.





COUNTY OF FLUVANNA

"Responsive & Responsible Government"

BOS 2019-06-19 p.104/354 132 Main Street P.O. Box 540 Palmyra, VA 22963 (434) 591-1910 Fax (434) 591-1911 www.fluvannacounty.org

NOTICE OF PUBLIC HEARING

June 3, 2019

«Name» «Address» «City_State» «ZIP» TMP#«TMP»

Re: Public Hearing on ZMP 18:01 & SUP 18:05

Dear «Name»:

This letter is to notify you that the Fluvanna County Board of Supervisors will hold a public hearing on the above referenced items as noted below:

Purpose: Board of Supervisors Public Hearing

Day/Date: Wednesday, June 19, 2019

Time: 7:00 PM

Location: Fluvanna County Circuit Court Room, Palmyra, VA

The applicant or applicant's representative will be present at the Board of Supervisors meeting for the rezoning and special use permit requests that are described as follows:

ZMP 18:01 Steven L. & Codie C. Peters / Colonial Circle – A request to rezone, from A-1 Agricultural, General and B-1 Business, General to R-3, Residential Planned Community, 61.95 acres of Tax Map 8, Section A, Parcel A14A. The property is located on the northeast corner of the intersection of Thomas Jefferson Parkway (Route 53) and Lake Monticello Road (State Route 618). The property is within the Rivanna Community Planning Area and the Palmyra Election District.

SUP 18:05 Steven L. & Codie C. Peters / Colonial Circle Density – A request to increase density above 2.9 dwelling units per acre with respect to 61.95 acres of Tax Map 8, Section A, Parcel A14A. The property is located on the northeast corner of the intersection of Thomas Jefferson Parkway (Route 53) and Lake Monticello Road (State Route 618). The property is within the Rivanna Community Planning Area and the Palmyra Election District.

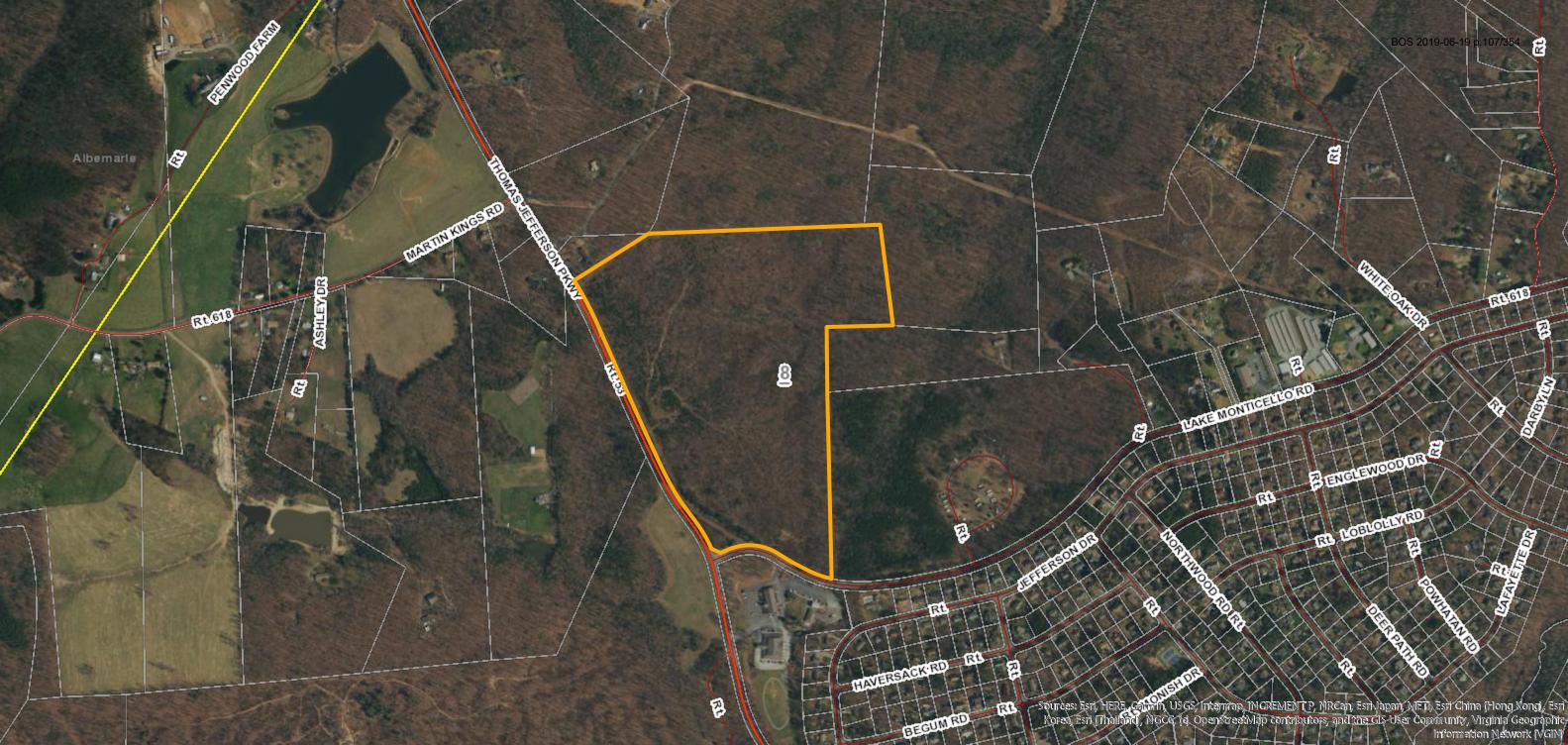
You are welcome to attend the Public hearing and you will have an opportunity to comment, if desired. The tentative agenda and staff report for this action is available for public review on the County website at http://fluvannacounty.org/meetings. You can also view the report in the Fluvanna County Planning and Zoning Department during working hours (8:00 am – 5:00 pm, Monday through Friday).

If you have any questions regarding this rezoning or special use permit application or the Public Hearing, please contact me at 434–591–1910.

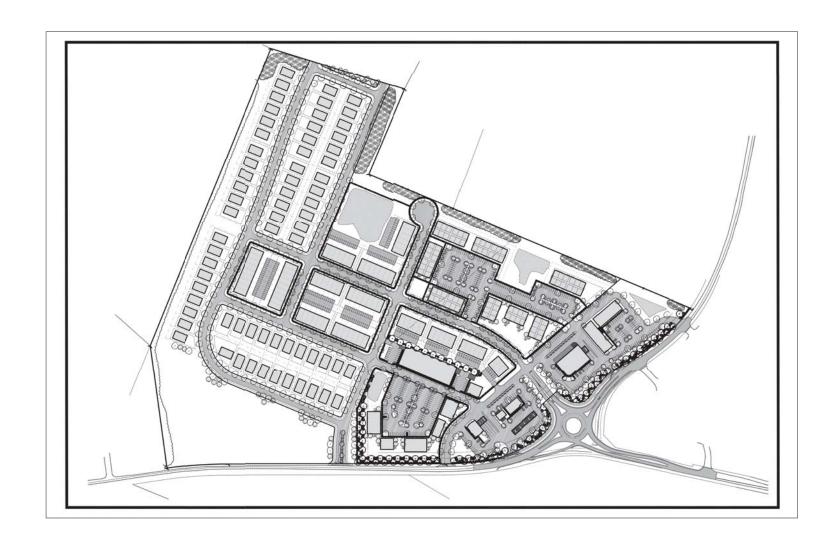
Sincerely,

Eric Dahl / Planning and Zoning Administrator

ADJACENT PROPERTY OWNERS ZMP 18:01 & SUP 18:05 NAME **ADDRESS** CITY/STATE/ZIP TAX MAP 895 GEORGE B & JO ANN BLAND 571 BELLE PARADIS LN PALMYRA, VA 22963 18A 5 249 ROBERT N. & CAROL MCAVANAUGH 529 JEFFERSON DRIVE EAST PALMYRA, VA 22963 8 A 21 EFFORT BAPTIST CHURCH 7820 THOMAS JEFFERSON PKWY PALMYRA, VA 22963 8 A 4A WAYNE H HARLOW 8364 THOMAS JEFFERSON PKWY CHARLOTTESVILLE, VA 22901 8 A A14D BENJAMIN A & ELIZABETH B HEINBERG 8271 THOMAS JEFFERSON PKWY CHARLOTTESVILLE, VA 22902 8 A 22B LAKE MONTICELLO OWNERS ASSOC. 41 ASHLAWN BLVD. PALMYRA, VA 22963 8 A 5A, 13 & 15 ROY & CRYSTAL SHIFFLETT 8268 THOMAS JEFFERSON PKWY CHARLOTTESVILLE, VA 22002 8 A 11 8281 THOMAS JEFFERSON PKWY CHARLOTTESVILLE, VA 22902 LINDSAY L. SPRADLIN & WIFE



RESIDENTIAL PLANNED COMMUNITY (R-3) PRELIMINARY MASTER PLAN FOR COLONIAL CIRCLE



REZONING APPLICATION PLAN FOR: TAX MAP 8-((A)) PARCEL A I 4(A) CUNNINGHAM MAGISTERIAL DISTRICT FLUVANNA COUNTY, VIRGINIA

APPLICATION DATE: December 3, 2018 January 3, 2019 **REVISED:**

April 3, 2019 CURRENT REVISION DATE: June 6, 2019



SHEET INDEX

C2 - EXISTING BOUNDARY / ZONING CONDITIONS EXISTING CONDITIONS / DEMOLITION C3 -C4 -CONCEPTUAL PLAN OF DEVELOPMENT C5 -BLOCK GUIDELINES ENGINEERING GUIDELINES

C7 - DESIGN GUIDELINES / DETAILS / SECTIONS C8 - CONSISTENCY WITH COMPREHENSIVE PLAN

SCALE: 1" = 1,000"

EXISTING CONDITIONS NOTES:

VICINITY MAP: (created from Google Earth)

- BOUNDARY SURVEY INFORMATION PROVIDED BY ROGER W. RAY & ASSOCIATES, CHARLOTTESVILLE VA.
 TOPOGRAPHY (4 FT INTERVALS) PROVIDED BY FLUVANNA COUNTY GIS MAPPING.
 ZMP 15:02, CREATING A 21.5 ACRE B-1 COMMERCIAL DISTRICT ON THE SITE, WAS APPROVED BY THE FLUVANNA COUNTY BOARD OF SUPERVISORS ON OCTOBER 21, 2015.
 THE SITE LIES WITHIN THE RIVANNA COMMUNITY PLANNING ARFA.
- AREA.

- AREA.

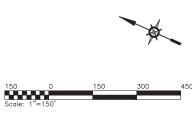
 5. THIS PROPERTY LIES WITHIN THE WATER AND SEWER
 JURISDICTIONAL AREA FOR AQUA VIRGINIA, INC.

 6. STEEP SLOPES, STREAMS, AND WETLANDS HAVE NOT BEEN
 IDENTIFIED ON THIS SITE.

 7. IMPROVEMENTS SHOWN AT THE INTERSECTION OF S.R. 53
 AND S.R. 618, IN CONJUNCTION WITH THIS APPLICATION
 BLAN PETELST DEPLIABILATION OF CONSTRUCTION DEPARTMENTS AS PLAN, REFLECT PRELIMINARY CONSTRUCTION DRAWINGS AS PROVIDED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION.

/	ADJOIN	NING PARCEL INFO	DRMAT	ION
TAX MAP	PARCEL	OWNER	ZONING	LAND USE
8-((A))	15	Shifflett, Roy Lee & Crystal L.	A-1	Residential
8-((A))	4A	Harlow, Wayne H.	A-1	Residential
8-((A))	5A	Shifflett, Roy & Crystal Et Al	A-1	Agricultural
8-((A))	23	Marks, Edward	A-1	Agricultural
8-((A))	13	Shifflett, Roy & Crystal Et Al	A-1	Agricultural
8-(9)	5	Bland, George B. & Jo Ann	A-1	Residential
8-((A))	22B	Lake Monticello Owners Association	R-4	Campground
8-((A))	21	Effort Baptist Church	A-1	Church
8-((A))	A14	Peters, Steven L. & Codie C.	A-1	Agricultural (Easement)
8-((A))	A14A	Peters, Steven L. & Codie C.	A-1	Agricultural (Easement)
8-((A))	11	Spradlin, Lindsay L. & Wife	A-1	Residential

LINE DELTA RADIUS ARC TANGENT CHORD CHORD BEARING C1 18 04'45" 685.28 216.23 109.02 215.34 N70 03'04'W C2 50 44'24" 319.65 283.07 151.57 273.91 N86 22'53"W C3 15 44'03" 598.00 164.22 82.63 163.70 N30 25'21"W C4 13 59'59" 1407.50 343.91 172.82 343.06 N31 17'23"W C5 8 14'28" 1934.86 278.30 139.39 278.06 N28 18'45"W



T.M. 8-((A))-13 Roy Lee & Crystal Marks Shifflett & Delmar Jarrell PIPE D.B. 508-927, D.B. 201-725, P.B. 1-61, D.B. 201-723, D.B. 142-775, D.B. 13-402 Plat Soy 18.24"E	
PIPE FOUND PIPE FOUND T.M. 8-((9))-5 George B. & Jo Ann Bland Bland D.B. 373-192, & D.B. 248-116 Plat	
Roy Lee & Crystal Marks Shifflett & William D. Jarrell D.B. 508-924, D.B. 123-477, D.B. 71-73, & 71-76 Plat PIPE FOUND 0.4 SOUTH OF PROPERTY LINE PIPE FOUND 0.4 SOUTH OF PROPERTY LINE T.M. 8-((A))-2 Lake Monticello Association D.B. 168-522 T.M.8-((A))-A14 (PORTION) STEVEN L.& CODIE C.PETERS	Wwners ///
T.M.8-((A))-A14 (PORITON)	(6 CHOPS)
T.M. 8-((A))-4A Harlow, Wayne H. D.B. 467-908 T.M. 8-((A))-15 Roy Lee & Crystal L. Shifflett D.B. 201-725 P.B. 1-61	T.M. 8-((A))-21 Effort Baptist Church D.B. 286-507
BROKEN MONUMENT FOUND POLE POLE FOUND POLE N24 17'23"W STATE ROUTE 53 50' R/W (D.B.27-26) T.M. 8-((A))-A14 Steven L. & Codie C. Peters D.B. 799-429, D.B. 312-863, D.B. 172-444, & P.B. 1-20 Residue = 1096.188+/- acres (by deduction from taxation record	
T.M. 8-((A))-11 Lindsay L. Spradlin D.B. 114-94	LINE DELTA RADIUS ARC

EXISTING BOUNDARY / ZONING
CONDITIONS

w | Date | Description | RC Comments | RC COMME

R-3 PRELIMINARY MASTER PLAN FOR:

12/03/2018 1"=150'

2 OF 8 File No. 15.011

SHIMP ENGINEERING, ENGINEERING, ENGINEERING-LAND PLANNING - PROJECT MANA

SCALE: 1" = 1,000'

VICINITY MAP: (created from Google Earth)

SITE

EXISTING CONDITIONS NOTES:

- BOUNDARY SURVEY INFORMATION PROVIDED BY ROGER W. RAY & ASSOCIATES, CHARLOTTESVILLE VA.
 TOPOGRAPHY (4 FT INTERVALS) PROVIDED BY FLUVANNA COUNTY GIS MAPPING.
- 3. ZMP 15:02, CREATING A 21.5 ACRE B-1 COMMERCIAL DISTRICT ON THE SITE, WAS APPROVED BY THE FLUVANNA COUNTY BOARD OF SUPERVISORS ON OCTOBER 21, 2015.
- THE SITE LIES WITHIN THE RIVANNA COMMUNITY PLANNING AREA.
- AKEA.

 5. THIS PROPERTY LIES WITHIN THE WATER AND SEWER
 JURISDICTIONAL AREA FOR AQUA VIRGINIA, INC.

 6. STEEP SLOPES, STREAMS, AND WETLANDS HAVE NOT BEEN
 IDENTIFIED ON THIS SITE.
- 7. IMPROVEMENTS SHOWN AT THE INTERSECTION OF S.R. 53 AND S.R. 618, IN CONJUNCTION WITH THIS APPLICATION PLAN, REFLECT PRELIMINARY CONSTRUCTION DRAWINGS AS PROVIDED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION.

TAX MAP	DADCEL	OWNER	ZONING	LAND USE
IAA MAF	FARCEL	OWNER	COLITING	LAIND USE
8-((A))	15	Shifflett, Roy Lee & Crystal L.	A-1	
				Residential
8-((A))	4A	Harlow, Wayne H.	A-1	Residential
8-((A))	5A	Shifflett, Roy & Crystal Et Al	A-1	Agricultural
8-((A))	23	Marks, Edward	A-1	Agricultural
8-((A))	13	Shifflett, Roy & Crystal Et Al	A-1	Agricultural
8-(9)	5	Bland, George B. & Jo Ann	A-1	Residential
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8-((A))	22B	Association	R-4	Campground
8-((A))	21	Effort Baptist Church	A-1	Church
				Agricultural
8-((A))	A14	Peters, Steven L. & Codie C.	A-1	(Easement)
				Agricultural
8-((A))	A14A	Peters, Steven L. & Codie C.	A-1	(Easement)
8-((A))	11	Spradlin, Lindsay L. & Wife	A-1	Residential

LINE	DELTA	RADIUS	ARC	TANGENT	CHORD	CHORD	BEARING
C1	18 04'45"	685.28	216.23	109.02	215.34	N70	03'04"V
C2	50 44'24"	319.65	283.07	151.57	273.91	N86	22'53"V
C3	15 44'03"	598.00	164.22	82.63	163.70	N30	25'21"
C4	13 59'59"	1407.50	343.91	172.82	343.06	N31	17 ' 23 " N
C5	8 14'28"	1934.86	278.30	139.39	278.06	N28	18 ' 45 " N

8-((A))-21 Effort Baptist Church D.B. 286-507

T.M. 8-((A))-13

Roy Lee & Crystal Marks
Shifflett & Delmar Jarrell
D.B. 508-927, D.B. 201-725, P.B.
1-64, D.B. 201-723, D.B.
142-775, D.B. 13-402 Plat

T M /8-) ((A) /- A 1/4 ((PORTION)) STEVEN L /6 CODIE (d. PETERS) 0.8.799 429 PR 8/8-829 PR 8/8-829

Benjamin A & Elizabeth B Heinberg 868-187 40.00 acres

T.M. 8-((A))-5A

Roy Lee & Crystal Marks

Shifflett & William D. Jarre11

D.B. 508-924, D.B. 123-477, 80B

71-73, & 71-76 Plat

T.M. 8-((A))-4A

Harlow, Wayne H. D.B. 467–908

T.M. 8-((A))-11 Lindsay L. Spradlin D.B. 114-94

POLE

___428-__

N. B. ((A))-18 Roy Lee & Crystal L Shifflett B. B. 201-725 P. B. 1-61

___432-__

___436-------440

M. 8-((9))-5 George B. & Jo Ann

Bland D.B. 373-192, &

Ď.,B., 248-116 Plat

PAVEMENT DEMOLITION AREA

STATE ROUTE 53 50' R/W (THOMAS JEFFERSON PKWY)

T.M. 8-((A))-22B Lake Monticello Owners

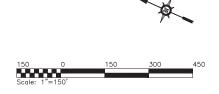
Association D.B. 168-522

PROPOSED TREE

T.M./8-((A))-A14 A26 Steven L./8 Codie C. Péters D.B. 799-429, D.B. 312-863, D.B. 172-444, & P.B. 1-20

Residue = 1096.188+/- acres (by deduction from taxation records)

CONSTRUCTION
PER VDOT
DRAFT PLAN
-0053-032-571

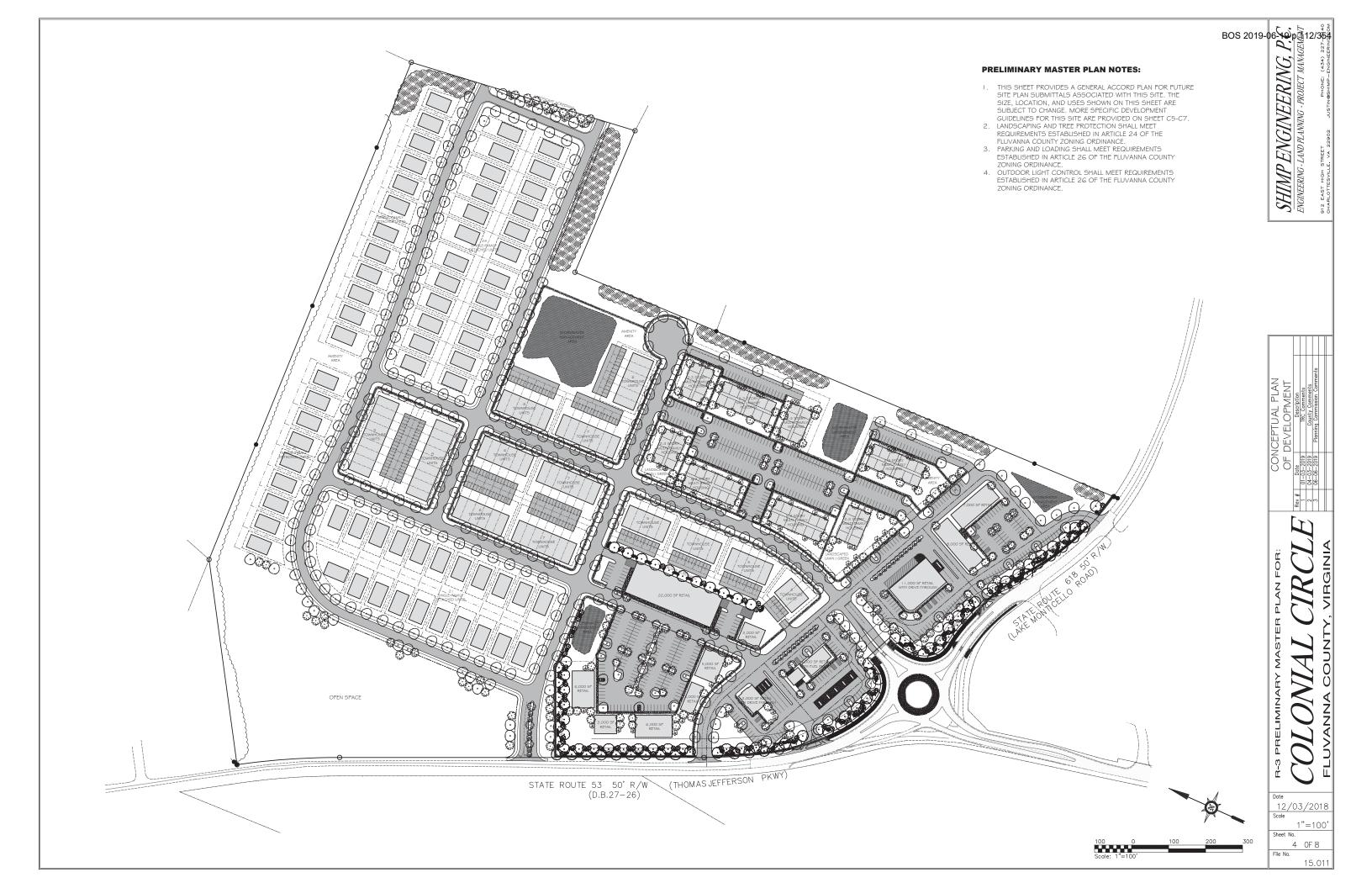


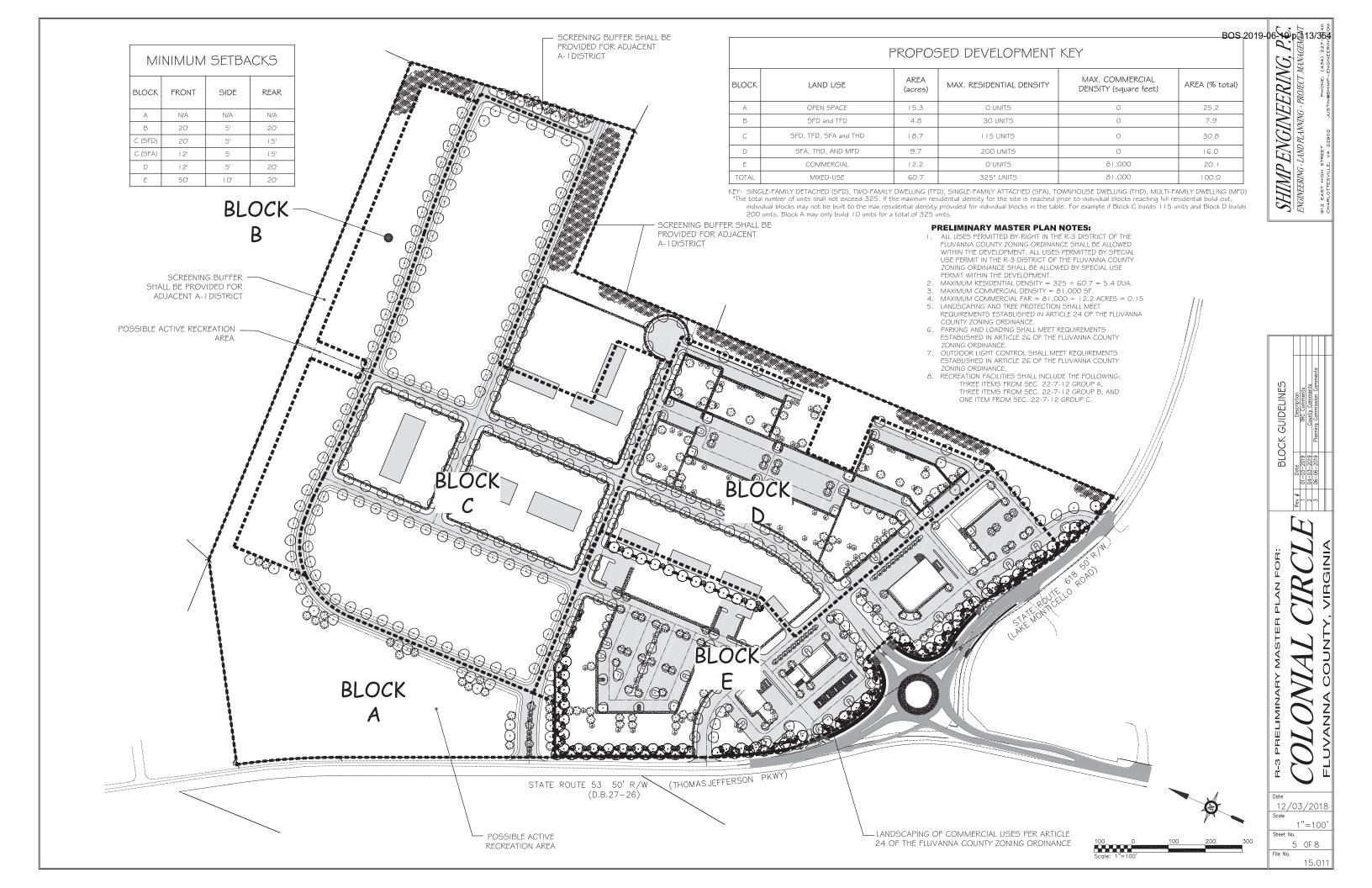
NO						
EXISTING CONDITIONS / DEMOLITION	Description	TRC Comments	County Comments	Planning Commission Comments	,	
TING CC	Date	01-03-2019	04-03-2019	06-06-2019		
EXIS	Rev #	-	2	3		

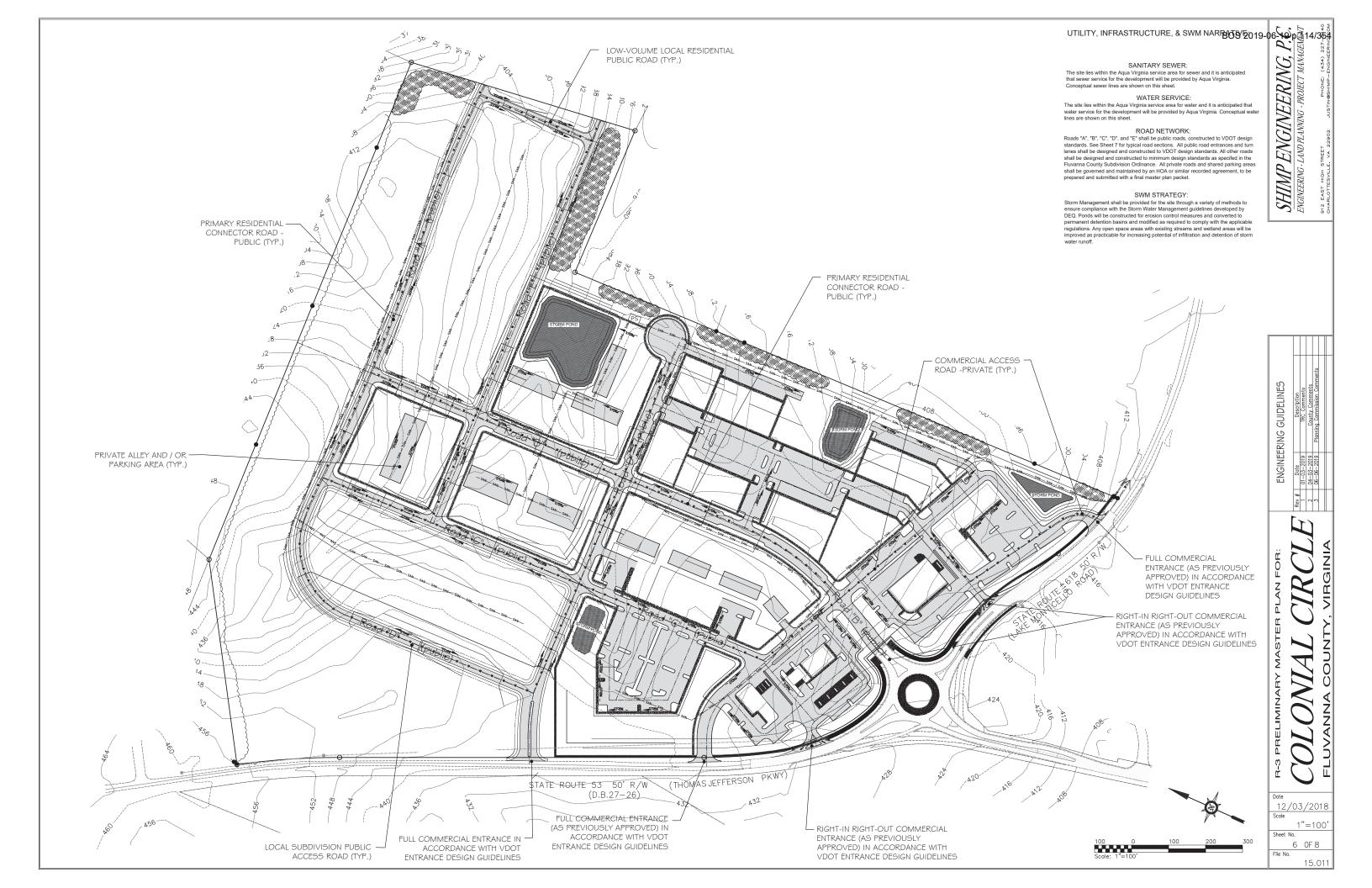
R-3 PRELIMINARY MASTER PLAN FOR:

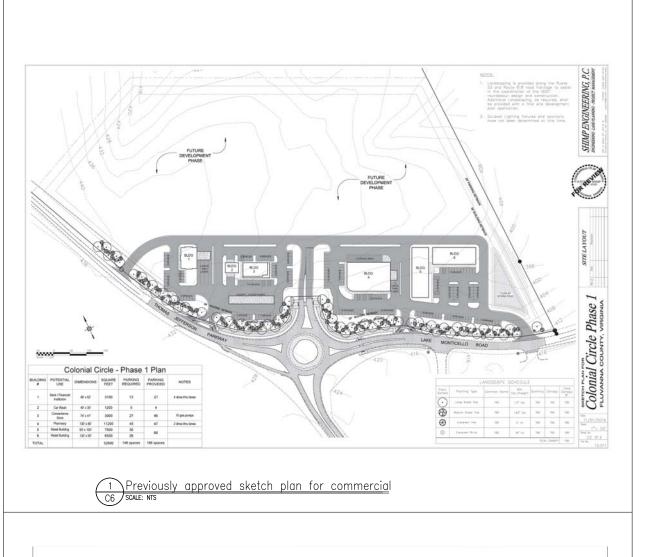
12/03/2018 1"=150

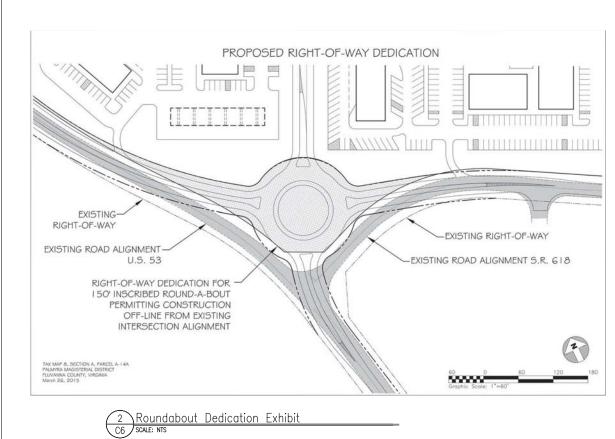
3 OF 8 File No. 15.011

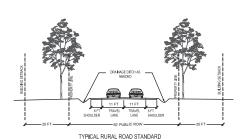


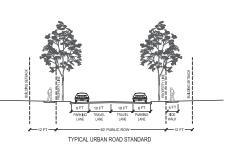


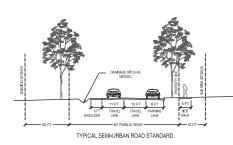


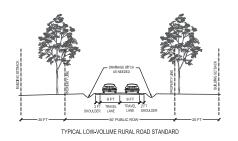


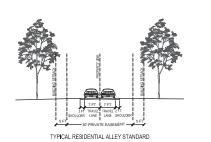




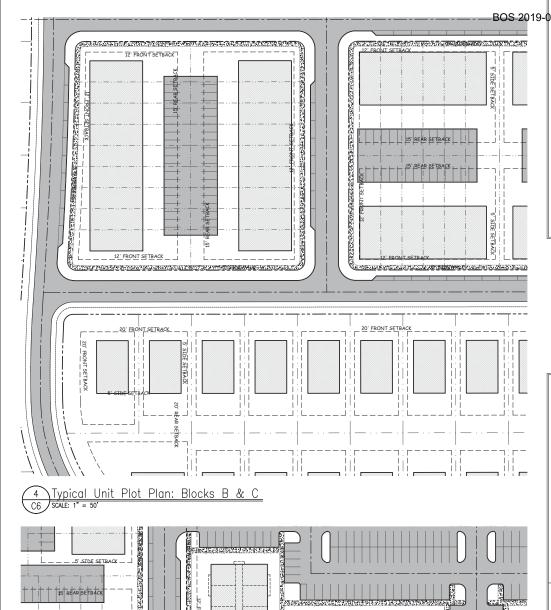


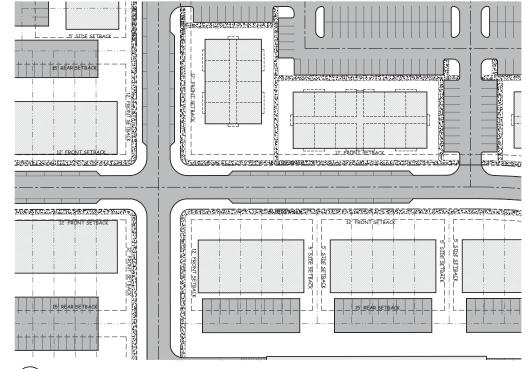


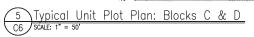












COLOMIAL CIRCLE

SHIMP ENGINEERING, ENGINEERING, ENGINEERING-LAND PLANNING - PROJECT MANA

GUIDELINES

DESIGN (

Rev # Date 1 01-03-2019 2 04-03-2019 3 06-06-2019

H

Dote 12/03/2018 Scale AS SHOWN Sheet No.

7 0F 8
File No.

Consistency with the Comprehensive Plan:

Colonial Circle is located within the Rivanna Community Area. The site is designated as Neighborhood Mixed Use in Figure LU-13 from the adopted 2015 Comprehensive Plan. Per the Comprehensive Plan, Neighborhood Mixed Use areas are intended to provide a mixture uses and residential dwellings types that serve a variety of incomes (Fluvanna County Comprehensive Plan 51). The development at Colonial Circle will serve as a necessary compliment to the existing single family dwelling developments in and around Lake Monticello. The commercial uses will serve existing residents and the proposed dwellings will serve new residents to the County as well as existing residents of the County looking to remain a County county as different housing type such as a townhome. The development as proposed allows for single-family dwellings, townhomes, and multi-family units. The mixture of housing types will allow for units within the development to be affordable to people of varying incomes, achieving the County's goal of creating mixed-income communities. The smaller units will appeal to young professionals communiting into Charlottesville, retirees looking to downsize, and one-parent families looking for affordable and low-maintenance housing options.

Colonial Circle addresses the major priorities outlined in the summary of the Rivanna Community Plan. The priorities are as follows:

to increase traffic safety and improve flow at key intersections

to enhance existing commercial centers in appearance, design, and available services, focusing on "village center" concepts
to provide housing choices for a variety of age groups and income levels, appropriate to the area

to preserve the rural character of the surrounding area and protect natural resources

The proposed Roundabout at the Intersection of Rt 53 and Lake Monticello will contribute to increased traffic safety and improved flow, additionally this traffic measure will help to mitigate traffic impacts from the proposed development. Colonial Circle is designed to feature a variety of housing choices, making the area appealing and accessible to multiple ages and income groups. A quarter of the development will be dedicated to open space, this space will directly service residents and visitors to Colonial Circle by making ample greenspace accessible. The project will be compliment by the surrounding rural character of the area outside of the Rivanna Community Planning Area. The property directly across Route 53 is under Conservation Easement ensuring the rural character around near the property will be preserved per the agreements recorded with the easement.

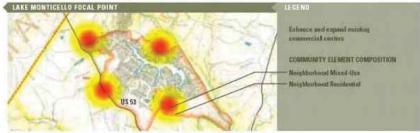
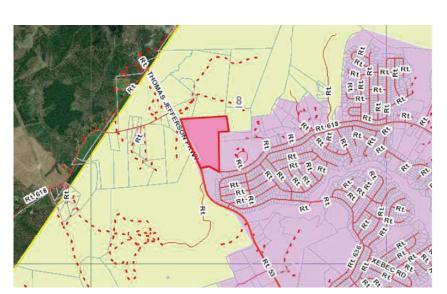


Figure LU-13, Neighborhood Mixed Use around Lake Monticello



Site within Rivanna Planning Area

CONSISTENCY WITH THE COMPREHENSIVE PLAN	Description	TRC Comments	County Comments	Planning Commission Comments	•	
88	Date	01-03-2019	04-03-2019	06-06-2019		
	Rev #	1	2	3		

R-3 PRELIMINARY MASTER PLAN FOR:

12/03/2018

Sheet No. 8 OF 8



Neighborhood Meeting Sign-In Sheet

Meeting Date: January 16, 2019

Name	Address	City/State/Zip	Reason for Attending
angie Cooks	41 ashlawn Blvd. (LMDA)	Palmyra, VA 22963	Information/Question
Ben Heinbeg	8271 TJ PKny	Cville, VA 2282	~
Ton BRAITHUATO		Polityta Vn 27963	INF6
		Ch Ville VA 22902	. Info
Samantha Wilcox	8294 Thomas Jeff Pruy		
LINDSAY SORADLIN		CHVILLE VA Z290Z	11170
Ų	4		
	**		

ZMP 18:01 Neighborhood Meeting Notes

January 16, 2019, 4:30 p.m. Morris Room, County Administration Building

Attendees: 9 (including staff)

Questions/Comments

- How many units are proposed? (Ordinance requires screening against A-1 zoning)
- Are there any amenities? (TBD)
- How many stories are the apartments? (2-3 stories maximum)
- Are there any turning lanes along Route 618? (Entrance 1 would require a left turn storage lane)
- What is the lot size of the single-family dwellings? (TBD)
- Will something be put up along the property line behind the single family homes? (Ordinance requires screening against A-1 zoning)
- Is an exit proposed near the driveway? (Entrance was relocated on revised master plan)
- Has anyone considered congestion along Route 53? (Traffic analysis)
- There are accidents at the intersection of Martin Kings Road and Route 53
- How many parking spaces total are proposed? (TBD)
- Where is water going to come from for this development? (Aqua Virginia surface water)
- Adding something like this adds an issue for residents of Lake Monticello
- Where is the entrance along Route 53 in relation to driveways across the road? (*Nearest driveway approximately 500' away*)
- What is the price point of proposed housing? (TBD)
- How much square footage of retail is proposed? (81,000 sq ft)
- Is the retail portion under a height limit? (50 ft)
- Has VDOT commented on this proposal? (Yes)
- Concerned about detention ponds
- Concerned about traffic and water tables
- Concerned about safety



COUNTY OF FLUVANNA

"Responsive & Responsible Government"

132 Main Street P.O. Box 540 Palmyra, VA 22963 (434) 591-1910 Fax (434) 591-1911 www.fluvannacounty.org

December 14, 2018

Justin Shimp, P.E. Shimp Engineering 201 E. Main Street Charlottesville, VA 22902

Delivered via email to justin@shimp-engineering.com

Re: ZMP 18:01 and SUP 18:05 - Colonial Circle

Tax Map: 8, Section A, Parcel A14A

Dear Mr. Shimp:

The following comments are the result of the Technical Review Committee meeting that was held on Thursday, December 13, 2018:

- 1. Planning staff asked about the price of the housing and what type of commercial uses are proposed. Some desirable uses are allowed by right while others may require approval of a special use permit in the future.
- 2. Building Inspections did not have any comments.
- 3. Chamber of Commerce did not have any comments.
- 4. Department of Forestry did not have any comments.
- 5. Erosion and Sediment Control noted the absence of adequate receiving natural channels on or adjacent to the site. The applicant stated an intent to use the VA DEQ "energy balance equation" to reduce post development discharges to a level that does not require proof of adequate receiving channels.
- 6. Fire Chief had the following questions or comments (applicant responses italicized):
 - Would like for the distance between fire hydrants to be 800 feet or less.
 - What will the width of the streets would be? (Between 20 and 25 feet, and alleys would be less than 20 feet.) Will there be parking on the alleys? (Yes.) At least 18 feet width is needed for a ladder truck.
 - Will the roads within the development be public or private? (*There will be a mixture of both public and private roads.*)
 - Fire Chief stated he would prefer not to have hammerheads as the terminus for streets, and that his comments also reflect the Virginia Department of Forestry and the Lake Monticello Volunteer Fire Department.

- 7. Health Dept. has not provided any comments at the date of this letter.
- 8. Sheriff's Office did not have any comments.
- 9. VDOT stated that the project will need to be coordinated with the roundabout construction. Official comments have not been provided at the date of this letter.

The Planning Commission will discuss this item during their 6 p.m. work session on Tuesday, January 8, 2019. Your attendance is required at this meeting.

If you have any questions or need additional information, please contact me at 434-591-1910.

Sincerely,

Brad Robinson
Senior Planner
Dept. of Planning & Zoning

cc: File

Brad Robinson

From: Chuck Winkler < cwinkler@apps.fluco.org >

Sent: Friday, May 3, 2019 11:56 AM

To: 'Kelsey Schlein'

Cc: 'Donald Stribling'; Brad Robinson

Subject: RE: Comments Requested: Colonial Circle Development Proposal

Kelsey,

After discussing this matter with my team, the following are bullets of our top concerns\thoughts:

- Safety
- Multiple entries and exits
- Visibility for pull out on rt. 53 traffic
- Turning lanes entering division
- Round about
- Increased student population
- .5 .8 students per dwelling (450) I cannot remember the exact figure at this time
- Maneuverability and turn around spots within the division
- No parking on the streets
- Intersectional stops and not door/door
- · Businesses at the front

From: Kelsey Schlein [mailto:kelsey@shimp-engineering.com]

Sent: Thursday, May 02, 2019 10:16 AM **To:** Chuck Winkler < cwinkler@apps.fluco.org>

Cc: Donald Stribling dstribling@apps.fluco.org; Brad Robinson brobinson@fluvannacounty.org

Subject: Comments Requested: Colonial Circle Development Proposal

Mr. Winkler,

My name is Kelsey Schlein. I am an urban planner who works at Shimp Engineering, PC. We are assisting Mr. Steve Peters with his proposed Colonial Circle development located at the intersection of Route 618 and Route 53. I'm reaching out you in the hopes that you will provide a few short comments about the proposed-development. I have copied Brad Robinson on this email, the Fluvanna County Planner for this project.

It is my understanding FCPS was notified about this project in December 2018 when the County Planning Department conducted their Technical Review Committee meeting, but FCPS provided no comments at that time. FCPS is not required to provide comments. However, it is incredibly helpful to incorporate input from local schools when designing developments. In addition, such input will also help the County review staff, neighbors, and elected officials incorporate the schools' comments into their analysis of the project.

Mr. Stribling and Ms. Marsh graciously took time out of their morning earlier this spring to review the Master Plan for this project and to discuss build-out projection and how buses would potentially navigate the site. Only rezoning and special use permit applications have been submitted to the

County, not a site development plan and therefore there is still considerable time before the property will be developed. We would love the opportunity to incorporate your input, as we can, while the process is still fairly early.

I've reviewed the FY20 Budget Presentation given on February 20, 2019 and if there are no further comments from the school, this will serve as the source of my data for answering any questions regarding schools.

Legally, the developer cannot provide "off-site proffers" that are not specifically attributable to the development, which means the developer cannot provide any funding to FCPS for any new students that may move into the development. However, there are other design considerations that can mitigate the potential impact of new development on schools, such as, constructing units targeted towards households that likely will not have children. For example in addition to single family dwellings, the development proposes townhomes, duplexes, and apartments--all units which may be more marketable to childless households.

The plan is attached here for your review. I remain available for any questions you may have regarding this project.

Thank you.

Best Regards,

Kelsey

--

Kelsey Schlein Land Planner | Shimp Engineering 912 E. High St. Charlottesville, VA 22902 | (434) 227-5140 Lake Monticello Owners' Association 41 Ashlawn Blvd., Palmyra VA 22963 Tel 434-589-8263 ext. 4108 Fax 434-589-5696 acooke@lmoa.org www.lmoavoice.org



JANUARY 21, 2019

Brad Robinson, CZA, Senior Planner Fluvanna County Planning & Zoning P.O. Box 540 Palmyra, Virginia 22963

VIA: USPS & EMAIL: brobinson@fluvannacounty.org

Re: Proposed Colonial Circle Development

Dear Brad:

Thank you for including the Lake Monticello Owners' Association (LMOA) in the recent Neighborhood Meeting to discuss the plans for the proposed development of Colonial Circle located at the intersection of Rt.53 and Rt. 618. We have discussed the project and we would like to express the following concerns:

- 1.) There are currently (3) failed detention ponds affecting LMOA property and residents. They are located at Nahor Village, behind the Citgo, and behind the Goodwill. All three of these ponds have been in disrepair and damaging LMOA property for quite some time now. We would not want to see another development with ponds that have the potential for the same adverse effects to LMOA property.
- 2.) There is a concern that security could become an issue for owners who store their campers at the campground. We would ask that the County require that fencing or a wall is placed between our property and this development.
- 3.) Finally, we would ask that no advertisements of any sort that references Lake Monticello be allowed unless first approved by LMOA.

Please let me know if these concerns will be voiced at the Planning Commission meeting and/or the Board of Supervisors meeting or if we would be required to attend both. If you have any questions or would like to discuss any of our concerns please feel free to contact me directly at (434) 589-8263 or via email acooke@lmoa.org.

Respectfully,

Angie Cooke

Contracting Officer, LMOA

Received

JAN 29 2019

Planning Dept.

From: <u>Culbertson, Teresa C *HS</u>

To: Brad Robinson

Subject: RE: concerns re: new development

Date: Tuesday, February 12, 2019 1:27:33 PM

I would like to add to my concerns that someone has noted the possibility of having additional sewage disposal on one of the owners other properties—which would bring it close to the Lake and lake properties. If this were to happen, people would have to leave their Lake home in droves to avoid the smell that was not previously there. Selling homes would also be a major issue.

From: Brad Robinson [mailto:brobinson@fluvannacounty.org]

Sent: Monday, January 28, 2019 11:16 AM

To: Culbertson, Teresa C *HS <TAC8G@hscmail.mcc.virginia.edu>

Subject: RE: concerns re: new development

Hi Ms. Culbertson,

Your correspondence has been received and added to the project file.

Sincerely,

Brad Robinson, CZA, Senior Planner

Fluvanna County Planning Department
132 Main Street
P.O. Box 540
Palmyra, VA 22963
Ph: (434) 591-1910 ext 1061
brobinson@fluvannacounty.org

"Fluvanna County...The heart of Virginia and your gateway to the future."

From: Culbertson, Teresa C *HS < TAC8G@hscmail.mcc.virginia.edu>

Sent: Monday, January 28, 2019 9:46 AM

To: Brad Robinson < <u>brobinson@fluvannacounty.org</u>>

Subject: concerns re: new development

I was given your email address as I won't be able to attend the planning meeting on 2/12. I would like to pass on the following concerns about the proposed development at the corner of 618 and 53.

That area is very busy already with commuting traffic from Lake Monticello and other Fluvanna residents.

I can't even imagine if there were 400 residences built there how badly that would impact the daily commute on 53. It is already very busy at certain times of the commute, and the last thing any of us need is more traffic on the road to add to the possibilities of commuting issues as well as traffic slowdowns. If this was a small community of 20 houses or something like that, that would be fine, but 400? In this rural area, with 53 being their primary commuting method? That is not a good thing.

If more children are added to the area by not limiting this development to a certain age group, the

schools will only be negatively impacted because the budget is already tight. There really is no room in the school budget for this.

I do not have much confidence in the possibility of businesses coming into the development. It will depend on how the lease space is priced—we have plenty of available spaces for businesses now that are not fully used because of the costs to businesses in the area. If the development promises businesses, only to charge too much and have empty storefronts, we will just be left with more people clogging up the highways and coming into our already busy schools.

Thanks, Teresa



Peter J. Caramanis

Attorney at Law

pcaramanis@rc.law

200-C Garrett Street

Charlottesville, VA 22902

(434) 260-8767 ■ Fax (434) 710-4061

COLLISON F. ROYER
PETER J. CARAMANIS
JESSICA F. PHILLIPS
ERNEST A. HARPER
RUSSELL N. KRUSE
SHANNON T. MORGAN

SHELLIE S. TAYLOR TAYLOR R. ODOM SAMANTHA V. RICCI

STACEY L. McDonough

OF Counsel

February 12, 2019

Fluvanna County Planning Commission Via Email

RE: Colonial Circle

ZMP 18:01 and SUP 18:05

Dear Members of the Planning Commission:

I represent Roy and Crystal Shifflett who are abutting landowners to the proposed Colonial Circle development scheduled to come before you for public hearing this evening. The Shiffletts have several concerns with the proposal, many of which we understand are shared by neighbors and have been addressed to you and/or Planning staff. Below is a summary of those concerns which we respectfully request you take into account when reviewing the proposal this evening.

First, we understand that a traffic study is in progress but has not yet been completed and shared with the County. Given the already-existing traffic problems on Route 53 in the area, it is beyond question that traffic considerations are paramount in review of this application. Accordingly, it is our position that the Planning Commission should not take any action or make any recommendations without having had time to receive and review the results of the traffic study, and to work with the developer to address any concerns shown in the resulting report.

As noted in the Staff report, one of the priorities within the Comprehensive Plan is "to increase traffic safety and improve flow." While we understand the proposed traffic circle is intended to address certain traffic concerns, the significant additional traffic from the proposed commercial uses, as well as an extraordinary 418 residential units, can certainly not be seen as increasing traffic safety in the area without additional road improvements which would be costly for the County.

In addition, the Comprehensive Plan promotes the enhancement of *existing* commercial centers and preserving the rural character of the area. This proposal would do neither of those things, and, in fact, likely create the opposite impact. It is clear the proposal would certainly make the area less rural in character, and the new commercial uses are not likely to enhance any of the *existing* commercial centers but rather to take business away from them.

Of primary concern is the applicant's request for increased density. As you know, the by right use of the property under its existing agricultural zoning would permit no more than 20 houses. With the requested rezoning, that number would dramatically increase to 179 units, and with the

special use permit sought, it would skyrocket to 418 units. That proposal cannot be taken lightly as it would have considerable impacts on traffic, schools, infrastructure, and more.

Given that the Shiffletts' property is served by well water, one of their concerns is whether this major development could negatively impact their groundwater quality or availability. Furthermore, given that a proposed entry road runs close to the Shiffletts' property, the Shiffletts' ability to enjoy the rural character of their property will be adversely impacted by high volume traffic adjacent to their home. The Shiffletts presently use the over 120 acres they own for hunting deer, and by doing so provide significant benefit in helping manage the deer population in and around Lake Monticello. The proposed development would negatively impact the Shiffletts' ability to continue to hunt on portions of their property, which would have adverse impact on the surrounding community in the form of deer overpopulation.

While we recognize the Peters' right to develop their property, we rely on you to protect the interests of others like the Shiffletts in this process. Thank you, in advance, for your careful consideration of the many factors influencing the review of these applications. We will be monitoring this project as it proceeds and may provide you additional comment as things evolve.

Very truly yours,

Peter J. Caramanis

Cc: Mr. Brad Robinson (via email)

Shellie S. Taylor, Esq. Roy and Crystal Shifflett

Brad Robinson

From: Gene Runion < gene.runion@gmail.com>
Sent: Tuesday, March 12, 2019 4:37 PM

To: Brad Robinson

Subject: Comment - Colonial Circle Zoning Request

3/12/2019

Planning commission,

In reference to:

TMP: 8-A-A14A Colonial Circle R-3

Zoning Request and Special Use Permit for up to 10 DUA

ZMP 18:01 – Steven & Codie Peters / Colonial Circle – Brad Robinson, Senior Planner SUP 18:05 – Steven & Codie Peters / Colonial Circle Density – Brad Robinson, Senior Planner

I moved to Fluvanna in the early 1970s because Fluvanna was rural and at that time Fluvanna's goal was to stay rural. I realize the passing of time does bring changes and erosion of old ways, plans and hopes. However if the Colonial Circle R-3 with the special use permit is approved the result would not be a change but would be devastating to the rural character of the area and the to the hopes of the long term residents of the area. Such a change is permanent; there is no undo!

Major concerns resulting from a high-density development include:

- Increase in everyone's taxes because of the impact on schools, police, fire, and rescue.
- Huge impact on Route 53 traffic. The Martin Kings Road and Route 53 intersection is already a challenge to negotiate most times of the day. The same is true for the residents with driveways on Route 53. Traffic on Route 53 has become a traffic safety issue, not just a traffic nuisance issue.
- The open space described in the proposal seems adequate for 179 units but not for 418 residential units.
- What will the high-density development look like in 10, 20 or 30 years after completion? What is the long-term maintenance plan? Is this a build, sell, and then run project?
- Would 418 residential units plus the commercial businesses make the soon-to-be started roundabout overly congested?
- Will this project bring any positive benefits to the rural community?

Mervel E Runion 287 Martin Kings Rd Charlottesville, VA 22902 (Fluvanna County)

C: 434-242-1867 H: 434-589-3679

TAB D

MEETING DATE:	June 19, 20	19				
AGENDA TITLE:	Appointmer Representa		nes River W	ater Authority -	- County Adminis	tration
MOTION(s):	James River	Water beginn	Authority (ing July 1, 2	JRWA) Board re	County represent placing Steven Notes 30, 2023, first.	Л. Nichols and
STRATEGIC INITIATIVE?	Yes	No X		If yes, list initiation	/e(s):	
AGENDA CATEGORY:	Public Hearin	ng Act	ion Matter	Presentation	Consent Agenda	Other
STAFF CONTACT(S):	Steven M. Ni	chols, Co	ounty Admin	istrator	<u> </u>	
PRESENTER(S):	Steven M. Ni	chols, Co	ounty Admin	istrator		
RECOMMENDATION:	Approve					
TIMING:	Normal					
DISCUSSION:	Appointing N JRWA Article		•		JRWA Board per th	ne terms of the
FISCAL IMPACT:	None.					
POLICY IMPACT:	None.					
LEGISLATIVE HISTORY:				VA Board during l vanna citizen app	nis tenure as Fluva pointees.	nna County
ENCLOSURES:	None					
REVIEWS COMPLETED:	Legal		Finance	Purchasing	HR	Other

TAB E

MEETING DATE:	June 19, 20)19				
AGENDA TITLE:	FCPS Trans	portation F\	/20 CIP T	Fransfer of Fund	S	
MOTION(s):	FY20 CIP So		Vehicle	rvisors approve s to FY20 CIP Sc		-
STRATEGIC INITIATIVE?	Yes	No X		If yes, list initiativ	ve(s):	
AGENDA CATEGORY:	Public Hear	ng Action	Matter	Presentation	Consent Agenda X	Other
STAFF CONTACT(S):	Don Striblin	g, FCPS				
PRESENTER(S):	Don Striblin	g, FCPS, Vala	rie Marsł	n, FCPS, Gary Wag	ner, FCPS	
RECOMMENDATION:	Approval					
TIMING:	July 1, 2019					
DISCUSSION:	the overage passenger betime. 83 Passenger 77 Passenger • Fun • Rev	in the Fleet us and 77 pa er Bus \$114,2 er Bus \$96,57 \$210,8 ds Originally ised FY20 CIP	Bus line. ssenger l 25.00 6.00 01.00 Approve funding Approve	Y20 CIP Fleet Veh The overage occu ous were needed d in FY20 CIP for E for Buses: \$211 d in FY20 CIP for S for Vehicles: \$35	rred as a result the to add to our bus Buses: \$200,000 ,000 School Vehicles:	nat both an 83 fleet at this
FISCAL IMPACT:	Reallocation	of Schools F	Y20 CIP I	unds		
POLICY IMPACT:	NA					
LEGISLATIVE HISTORY:	NA					
ENCLOSURES:	NA					
REVIEWS COMPLETED:	Legal		ince (Purchasing	HR	Other

TABF

MEETING DATE:	June 19, 201	.9					
AGENDA TITLE:	CRA PROJEC	T AGREEN	/IENT # 2	- BURN BUILDIN	NG DE	SIGN SERV	/ICES
MOTION(s):	\$14,860 from F&R BURN E 2. I move the E Fluvanna Co BURN BUILD	m the BOS BUILDING, Board of S bunty and DING DESIGNATIONS	Conting to increa uperviso Crabtree GN SERV ator to e	rs approve a supper to save the funds new formula as the funds new formula as to approve Property Rohrbaugh & Articles totaling \$20 xecute the agree by.	roject Assoc	IP project I ary for Proj Agreemer iates, Inc. 1	oudget for the ect Agreement it # 2 between to complete the orther authorize
STRATEGIC INITIATIVE?	Yes	No x		If yes, list initiativ	e(s):		
AGENDA CATEGORY:	Public Hearin		Matter X	Presentation	Cons	ent Agenda	Other
STAFF CONTACT(S):	Cyndi Toler, F	urchasing	Officer		•		
PRESENTER(S):	Cyndi Toler, F	urchasing	Officer				
RECOMMENDATION:	Recommend	approval					
TIMING:	Routine						
DISCUSSION:	building i This projectomplete grant. \$\frac{1}{2}\$\$ \$18,200 complete \$14,860 to \$14,860	n Fluvanna ect agreemed for subm of the \$30,0 a a site plan to be paid b	County, § ent is to h ittal to VI 000 has al leaving \$ by the cou		ed stric and c This st to con y the	etly for enging onstruction tep is a requinplete soil to grant and ar	neering services. documents irement of the esting and to n additional
FISCAL IMPACT:	* Reduce B \$14,860	OS Conting	ency and	increase CIP Proje	ect for	the Burn B	uilding by
POLICY IMPACT:	N/A						
LEGISLATIVE HISTORY:	N/A						
ENCLOSURES:	❖ CRA PRO.	IECT AGREE	MENT#	2 - BURN BUILDIN	G DES	IGN SERVIC	ES
REVIEWS COMPLETED:	Legal	Fin	ance	Purchasing		HR	Other
MEVIEWS CONTRICTED.	Х			Х			

PROJECT AGREEMENT # 2

TERM CONTRACT BETWEEN COUNTY AND ARCHITECT/ENGINEER FOR PROFESSIONAL SERVICES

FORK UNION FIRE TRAINING BUILDING - BURN BUILDING DESIGN SERVICES

This Project Agreement #2 (the "Project Agreement") made this _____ day of ______, 2019, between Fluvanna County, Virginia (the "County"), a political subdivision of the Commonwealth of Virginia, and Crabtree, Rohrbaugh & Associates, Inc. (the "Consultant"), a Pennsylvania corporation authorized to transact business in Virginia, is an addendum to that TERM CONTRACT BETWEEN COUNTY AND ARCHITECT/ENGINEER FOR PROFESSIONAL SERVICES dated the 25th day of October, 2018 (including all exhibits, and as modified by any amendments or addendums thereto the "Agreement"). All defined terms in the Agreement shall have the same meaning in this Project Agreement unless the context used herein requires otherwise.

Whereas, pursuant to the Agreement the County shall issue written task orders to the Consultant as services are needed;

Whereas, the Agreement is for a term of one-year beginning on the date the County executed the Agreement, and subject to (4) additional one-year renewals by the County pursuant to the Agreement;

Whereas, the Consultant submitted a Proposal for "A/E proposal for fire burn building" dated June 3, 2019, ("the Proposal") which is attached hereto as Exhibit 1 and incorporated by reference herein as a material part of this Project Agreement;

Whereas, the County desires that the Consultant complete all those services listed in the Proposal, including, but not limited to, those services and associated deliverables described in the Proposal, and as more specifically set forth herein (the "Task order Services" or the "Services");

Whereas, the Consultant desires to accept the work and complete the Task Order Services and all work necessary and related thereto (the "Task Order").

For good and valuable consideration, the parties hereby agree as follows:

ARTICLE I: THE AGREEMENT

The foregoing recitations are incorporated by reference into this Project Agreement.

This Project Agreement is an addendum to and made a material part of the Agreement. The parties hereto agree that except as specifically and expressly modified hereby that Agreement remains in full force and effect and the provisions of the Agreement are incorporated herein and are a material part hereof.

ARTICLE II: TASK ORDER

Consultant shall provide all work and services necessary or desired to complete Services to design the Burn Building on the Task Order consistent with all provisions of this Project Agreement, Exhibit 1 and the Agreement. The Burn Building must be designed, constructed and administered in accordance with the Grant, NFPA 1403 and the VDFP Policy, VDFP's "Agency Practices, Policies" and the "Burn Building Project Manual." All documents are available on

VDFP's website at www.vafire.com under the Grants and Local Aid: Bum Building link. The Consultant's Services on this Task order include the creation of a final design for the burn building consistent with the grant requirements and site plan which was previously provided to the Consultant and is incorporated herein by reference as a material part hereof. The design must be based on a "Commonwealth Prototype 2 – Class A". Consultant must produce a full set of construction-ready plans and specifications necessary to construct the Burn Building in accordance with the requirements of this Project Agreement. Such plans are subject to approval by the County and any necessary approvals of the Commonwealth of Virginia, and any departments thereof, relating to the grant and funding of the Burn Building Project; and the Consultant agrees to revise and modify the plans as requested by both the County or the Commonwealth of Virginia, or department thereof, from time to time, until both the County and the Commonwealth have approved and accepted the same. The final design plans: (i) will be delivered to the County in electronic and hard copy format (3 copies of each); (ii) will be the property of the County; and (iii) must be final, complete, inclusive and ready for inclusion in an Invitation for Bids to go out to contractors for construction of the Burn Building. The Burn Building design must include all design and engineering elements necessary to confirm to Applicable law and grant requirements.

The County's project manager for technical inquiries relating to this Project Agreement shall be:

Mr. Ben Powell Project Manager 132 Main Street Palmyra, VA 22963 Phone: (434) 591-1930

E-mail: bpowell@fluvannacounty.org

Billing inquiries should be directed to Cyndi Toler, Purchasing Officer, whose contact information appears below in Article VI.

ARTICLE III: EXHIBITS AND RESOLVING CONFLICTS

The rights and duties of the County and Consultant applicable to the County's projects under this Project Agreement are set forth in the following Agreement Documents:

- (i) This Project Agreement;
- (ii) Exhibit 1 hereto; and
- (iii) The Agreement including exhibits thereto.

Whenever possible, the terms of the above Agreement Documents shall be read together, however in the event of a conflict, the order of preference above shall govern which Agreement Document will control. In other words, (i) shall control over (ii) to (iii) above, and (ii) shall control over (iii).

ARTICLE IV: FEES

Notwithstanding anything to the contrary contained in Exhibit 1 hereto, the Consultant shall be paid hourly for their work based upon the **rates set forth in Exhibit 3 to the Agreement** and up to the following not-to-exceed estimated fees for the Task Order Services:

- SEVEN THOUSAND SEVEN HUNDRED FORTY NO/100 DOLLARS (\$7,740.00) for that part of the Additional Services described as the "Schematic Design"; and
- EIGHTTEEN THOUSAND NINE HUNDRED TWENTY AND NO/100 DOLLARS (\$18,920.00) for that part of the Additional Services described as the "Design Development / Construction Documents";

Notwithstanding the estimated not-to-exceed fees and hours indicated above and on Exhibit 1, the actual hourly fees charged by the Contactor for the Services will be based on the rates set forth on Exhibit 3 to the Agreement and will vary based upon the person completing the Services (for example, \$65 per hour for "Architectural Staff", and \$155 per hours for a "Senior Project Manager") up to the not to exceed fee.

The estimated total fees are not-to exceed amounts. The hourly fees up to the not-to-exceed total per task shall be payable by the County upon proper invoice by the Consultant as described herein. No invoice may be provided by the Consultant to the County until the Task Order is complete and all items or services purchased have been delivered to, inspected by and accepted by the County, including but not limited to, those deliverables described in this Project Agreement. The Consultant may invoice the County only when the entire Task Order is complete. The Consultant will be paid within forty-five (45) days of receipt of a proper invoice following final acceptance of all work on the Task Order by the County in its sole discretion. The flat fee includes all fees, costs and charges of any kind to perform all the services and work, including supplying at its own cost and expense any necessary tools, equipment or materials, necessary or desirable for completion of the task specified.

ARTICLE V: TERM

Consultant shall with due diligence and dispatch assiduously pursue this Task Order to completion, but in any event such Services and work being a part of the Task Order must be completed to the sole satisfaction of the County on or before the 29th day of July, 2019. Time being of the essence.

ARTICLE VI: MISCELLANEOUS

As appropriate to the context, the singular will include the plural and vice versa, and reference to one gender will include the others. This Project Agreement may be executed in one or more counterparts, each of which will be considered the Project Agreement for all purposes of

proof. In addition to allowing electronic signatures upon an electronic copy of this Project Agreement, as provided by Virginia law, facsimile signatures upon any signature page will be considered to be original signatures. This Project Agreement contains the entire understanding of the parties with respect to the subject matter hereof and is to be modified only by a writing signed by the parties to this Project Agreement. This Project Agreement will be binding upon and inure to the benefit of the respective parties and their successors. This Project Agreement is not assignable by either party, except by operation of law. The legal address for the County and for the Consultant and the addresses for delivery of Notices and other documents related to the administration of this Project Agreement are as follows:

County

ATTN: Cyndi Toler, Purchasing Officer Fluvanna County P.O. Box 540 Palmyra, VA 22963 Telephone (434) 591-1930 FAX (434) 591-1911

Consultant

Crabtree, Rohrbaugh & Associates, Inc. ATTN: Joshua C. Bower, AIA, LEED AP BD+C, GGP 250 West Main St Suite 200 Charlottesville, VA 22902 Telephone (866) 458-0272

Any party may substitute another address for the one set forth above by giving a notice in the manner required. Any notice given by mail will be deemed to be received on the fifth (5th) day after deposit in the United States mail. Any notice given by hand will be deemed to be received when delivered. Notice by courier will be deemed to have been received on the date shown on any certificate of delivery.

In witness whereof the undersigned duly authorized representatives have executed this Project Agreement on the dates set forth beside their respective signatures.

Consultant: Crabtree, Rohrbaugh & A	Associates, Inc.	County: Fluvanna County	
By:	Date:	By:	Date:
Name:		Name:	
Title:		Title:	
Approved as to form:			

Fluvanna County Attorney, by Kristina M. Hofmann, Assistant Fluvanna County Attorney



June 3, 2019

County of Fluvanna c/o Cyndi Toler Purchasing Officer 132 Main St Palmyra, VA 22963

Re: A/E proposal for fire burn building

Dear Cyndi,

Crabtree, Rohrbaugh & Associates is pleased to submit a proposal for professional Architectural and Engineering Services for the design of the Fire Burn Building. This design will be based on the Commonwealth Prototype 2 – Class A. Below is a breakdown of the design fees be phase and discipline:

·	Subtotal	\$7,740.00
Project Manager	\$140/hr x 6.9 hours	\$960.00
Electrical Engineer		
Project Coordinator	\$120/hr x 17.4 hours	\$2,080.00
Project Manager	\$140/hr x 8.6 hours	\$1,200.00
Structural Engineer		
Project Coordinator	\$120/hr x 24 hours	\$2,880.00
Senior Project Manager	\$155/hr x 4 hours	\$620.00
Architecture		
Schematic Design		

<u>Design Development / Construction Documents</u>

Architecture Senior Project Manager Project Coordinator	\$155/hr x 16 hours \$120/hr x 40 hours	\$2,480.00 \$4,800.00
Structural Engineer		
Project Manager	\$140/hr x 12.9 hours	\$1,800.00
Project Coordinator	\$120/hr x 34.7 hours	\$4,160.00

Electrical Engineer

 Project Manager
 \$140/hr x 18.3 hours
 \$2,560.00

 Project Coordinator
 \$120/hr x 26.0 hours
 \$3,120.00

Subtotal \$18,920.00

Total Architectural and Engineering Services = \$26,660.00

If you have any questions or comments, please feel free to contact me at any time.

Sincerely,

CRABTREE, ROHRBAUGH & ASSOCIATES

Joshua C. Bower, AIA, LEED AP

Principal | Senior Project Manager

TAB G

MEETING DATE:				AIT KEI OKI	•			
MEETING DATE:	JUNE 19, 2019							
AGENDA TITLE:	SCADA Services							
MOTION(s):	I move the Board of Supervisors to approve the Term Contract between Fluvanna County and E-Merge Systems, Inc. for SCADA Services, and further authorize the County Administrator to execute the agreements subject to approval as to form by the County Attorney.							
	Yes No							
STRATEGIC INITIATIVE?		Х		If yes, list initiativ	/e(s):			
4.051/0.4.0475.000/	Public Heari	ng Action	Matter	Matter Presentation Consent Ag		ent Agenda	Other	
AGENDA CATEGORY:	x				Х			
STAFF CONTACT(S):	Cyndi Toler,	Purchasing (Officer	l				
PRESENTER(S):	Cyndi Toler,	Purchasing (Officer					
RECOMMENDATION:	Recommend	approval						
TIMING:	Routine							
DISCUSSION:	Routine RFP issued April 5, 2019, Closed April 26, 2019 6 Proposals were received; 4 of those were chosen to return for interviews E-Merge Systems were chosen by the committee as the highest scoring proposal Supervisory Control and Data Acquisition (S.C.A.D.A.) system generally refers to an industrial computer system that monitors and controls a process. In this case, our water and sewer system. E-Merge will work closely with County Staff, Dewberry Engineers and the Construction contractors to design a computer system that will manage operations of the Zion Crossroads Water and Sewer System. E-Merge has been in business for 22 years and is based in Richmond VA They have worked with many Virginia localities including Culpeper Hanover Loudoun Prince William And many others This is a Term Contract for 1 year with 4 more one year renewals. Project Agreement will be submitted to the Board for approval as needed and cost will be based on hourly rates as follows: Project Manager-\$145.00/Hour SCADA/IT Engineer- 130.00/Hour Controls Engineer II- 137.50/Hour Instrument / Field Tech- 100.00/Hour							
FISCAL IMPACT: POLICY IMPACT:	❖ Budgete N/A	d within the						
LEGISLATIVE HISTORY:	N/A							
ENCLOSURES:	❖ Term Contract for SCADA Services							
REVIEWS COMPLETED:	Legal	Fina	ance	Purchasing		HR	Other	
	x x							

TERM CONTRACT BETWEEN COUNTY AND ENGINEER FOR SCADA SERVICES

This	Term	Contract	Between	COUNTY	and	Engineer	for	SCADA	Services	(the
"Contract")	dated	this	_ day of	f			,	2019, i	s between	the
COUNTY C)F FLU	JVANNA	(the "COU	UNTY"), a p	olitic	al subdivis	sion o	of the Co	nmonweal	th of
Virginia and	E-ME	RGE SYS	STEMS, I	NC. ("ENG	INEE	R"), a Mai	rylan	d corpora	tion author	rized
to transact by	usiness	in Virgini	a, and is b	inding amoi	ng an	d between	these	parties a	s of the da	ite of
the COUNT	Y's sign	nature.								

RECITALS:

1. The legal address for the COUNTY and for the ENGINEER and the addresses for delivery of Notices and other documents related to the administration of this Contract are as follows:

COUNTY:

Fluvanna County

ATTN: County Administrator

P.O. Box 540

Palmyra, VA 22963

Telephone: (434) 591-1910 Facsimile: (434) 591-1911

ENGINEER:

E-Merge Systems, Inc. ATTN: Janardan Lal 1314 East Cary Street Richmond, VA 23219 Telephone: (804) 344-3511

- 2. On April 5, 2019, the COUNTY issued Request for Proposals #2019-02 (the "RFP") for Supervisory Control and Data Acquisition ("SCADA") computer systems and services including Programmable Logic Controllers ("PLC") programming services for multiple projects on an as-needed task order approach as more specifically set out in such RFP attached hereto as Exhibit 1, which is incorporated herein as a material part of this Contract. The proposal by the ENGINEER to the RFP (the "Proposal") is attached hereto as Exhibit 2 and is incorporated herein as a material part of this Contract. All the provisions and requirements, including, but not limited to, the purpose and scope of services, of the RFP and the Proposal are incorporated herein by reference. Project Agreement Task orders shall be issued by the COUNTY to a provider of such services as services are needed and may include SCADA computer systems, including PLC programming services for multiple projects. The particular tasks contemplated under this RFP include SCADA computer systems and related work such as:
 - PLC Programming;

- PC based SCADA systems including, by way of example and not as a limitation, GE Simplicity, Allen Bradley Rockwell Software and Wonderware platforms;
- Programmable logic controller repair;
- Programming and preventive maintenance to include programmable logic controllers manufactured at minimum by Allen Bradley, GE and Schneider Automation;
- Installation and analysis of SCADA-based communication equipment;
- Construction and installation of control panels and remote terminal units;
- Radio and cellular communication between locations:
- All ancillary services needed for a complete control and SCADA system;
- A SCADA system as described herein and related work, services and all ancillary services (described in 3.1.1 through 3.1.8 above) needed for a complete control and SCADA system for a water and wastewater system related to the ZXR Water & Sewer Project;

and other services or other matters set forth in the RFP (collectively the "SCADA Related Services"). The purposes, functions, criteria and general requirements for the scope of work on the task order or particular project will be set forth in a Project Agreement executed by the COUNTY and the ENGINEER.

- 3. The rights and duties of the COUNTY and ENGINEER applicable to the COUNTY's projects under this Contract are set forth in the following Contract Documents: (i) this Contract including all Project Agreements executed under this Contract; (ii) the RFP and all of the terms of the County of Fluvanna General Terms, Conditions and Instructions to Bidders and Contractors, being pages 8 to 28 of Exhibit 1 hereto; (iii) the Proposal; and (iv) the modified "Labor Rates" letter dated May 24, 2019 attached hereto as **Exhibit 3**. In the event of any conflict between the terms of this Contract and any exhibit hereto, the following shall be the order of control is resolving such conflicts (i) controls over (ii), (iii) and (iv); and (ii) controls over (iii) and (iv); and so on. Notwithstanding the foregoing, whenever possible the documents shall be read together. The County of Fluvanna General Terms, Conditions and Instructions to Bidders and Contractors shall be referred to herein as the "General Terms".
- 4. One or more Project Agreements may be entered into with the ENGINEER during the Contract Term. Although the potential exists for multiple projects during the Contract Term, the COUNTY does not represent or guarantee that the ENGINEER will receive one or more Project Agreements during the Contract Term. The COUNTY has no obligation to enter into any Project Agreement(s) with the ENGINEER.
- 5. The COUNTY specifically reserves the right to procure services that fall within the scope of this Contract from other sources. Without limiting the procurement procedures that may be followed by the COUNTY, the COUNTY may (i) issue RFP's for similar work and other projects as the need may occur; (ii) specifically reserves the right to enter into other term agreements for SCADA, PLC, SCADA Related Services, or engineering services similar to this

Contract; and (iii) specifically reserves the right to enter into Project Agreements with other ENGINEER's under Term contracts based on its evaluation of each ENGINEER's qualifications, expertise, current workload, capabilities, performance record, locations or distance to the project and other factors as may be pertinent to the particular project.

THEREFORE, in consideration of the Recitals set forth above, and good and valuable consideration as set forth below, the parties agree as follows:

- 1. <u>Recitals:</u> The Recitals are incorporated herein by reference.
- 2. <u>Scope of Services:</u> The ENGINEER agrees that he is willing and able during the Contract term to provide the SCADA Related services on an "as needed" basis during the Contract term. The work may include, but is not limited to, investigations, studies, reports, project designs, inspection services, and similar SCADA Related Services as more specifically described in the RFP. The purposes, functions, criteria and general requirements for the scope of work on the task or particular project will be set forth in a project agreement issued to the ENGINEER.
- 3. <u>Project Agreements; Limitation:</u> Individual projects will be negotiated at a lump sum amount or based on hourly rates as set forth in <u>Exhibit 3</u>, which is attached hereto and incorporated herein by reference. The hourly rates set forth in Exhibit 3 shall control for all Project Agreements during the Term. Notwithstanding the foregoing, after the Initial Term, for each renewal year the Engineer's hourly rates set forth in Exhibit 3 may be increased by no more than two- and one-half percent (2.5%) over the prior year or the Social Security Administration's last issued annual Cost-of-Living Adjustment, whichever is less. The A/E must provide written notice to the COUNTY of any such increase at least thirty (30) says' prior to the automatic renewal date for the same to be effective in the upcoming renewal year. If no such notice is provided prior to the automatic renewal, then the hourly rates for that renewal term shall be the same as the hourly rates for the immediately preceding term.

Project Agreements shall be entered into for each individual project, specifying additional contract terms applicable to the individual project, including but not limited to the following: (i) detailed scope of work for the project; (ii) pricing of the project; (iii) billing schedule for the project (whether periodic or on completed project basis); (iv) timing requirements for project performance; (v) identification of the COUNTY's project manager for the project, to whom invoices and other contacts regarding the specific project shall be directed. In accordance with the provisions of Virginia Code Section 2.2-4303.1, the project fee of any single project under this Contract shall not exceed \$150,000.00 and the sum of all projects performed under this Contract in a one-year contract term shall not exceed \$750,000.00, except as otherwise provided by law.

- 4. <u>Pricing Clarifications:</u> This Section 4 shall control over Exhibit 3 and is intended to clarify Exhibit 3.
 - Overtime (overtime means excess hours above a 40-hour work week) are billed as follows: 1.5 times the standard rate per hour set forth on Exhibit 3 for overtime worked on weekdays and Saturday; 2 times the standard rate per hour set forth on Exhibit 3 for overtime worked on Sunday or on a holiday (means a Federal Holiday). In no event shall

the hourly rate ever be more than set forth above. Overtime rates shall apply ONLY when ENGINEER is required by the County in the written Task Order to work more than 40 hours in any one calendar week and the overtime rate shall only apply for those hours actually worked that are in excess of 40 hours in any one calendar week (a calendar week begins on Monday and ends on Sunday). Overtime rates shall not apply if the ENGINEER chooses to work more than 8 hours in a day or 40 hours in a calendar week. Holidays are defined to be Federal holidays only. Notwithstanding the foregoing, any work under this Contact to be completed at overtime, holiday or night/weekend rates must be specifically approved in WRITING in advance by the County in the applicable Task Order Project Agreement signed by the County. Unless specifically indicated otherwise in a Project Agreement, it is understood that all Services under this Contract are to be completed during regular business hours, and not as overtime, on holidays or on the weekend. Any overtime, holiday or night/weekend work not approved in advance by the County in the Project Agreement in advance with specific reference shall be billed to the County at the standard rates set forth on Exhibit 3.

- All Task Order Services work shall be billable to the County in increments of a quarter (1/4) of an hour or standard increment used by the Engineer for billing if such is a smaller increment of time. For example, if the Engineer generally bills in increments of 6 minutes (1/10 of an hour), then the work hereunder shall be billable in 1/10 hour increments; and the minimum charge in the example is for 1/10 hour.
- All travel related expenses must be approved in writing in advance by the County in a Project Agreement. All travel related expenses (travel time, airfare, vehicle rental, lodging, meals) that are to be reimbursed at cost without mark up of any kind by the County must be set forth specifically in a Project Agreement and whenever possible the actual cost should be set out in the Project Agreement.
- Any materials, parts, or other reimbursable items for the Services shall be invoiced at cost without mark-up of any kind.
- Any travel related expenses or materials, parts or other reimbursables not approved in advance by the County in the Project Agreement specifically shall be paid for by the Engineer and shall not be billed to the County under any circumstances.

Any payments shall be made in accordance with Section 47 "Payment" of the General Terms, defined above in RECITAL 3, and in no event shall ENGINEER be paid prior to the Completion Date of any one project under a Project Agreement. The date that all Services and work related to or necessary for completion of any Services task under any one Project Agreement is installed, operational and in full compliance with this Contract, to the sole satisfaction of the County is the "Completion Date". Pursuant to Section 45 of the General Terms, the County will not be billed any late fees or finance charges

Notwithstanding any of the foregoing, the cost of any Services under a Project Agreement shall not exceed any not to exceed amount set out in such Project Agreement. The ENGINEER agrees to complete the Services under any Project Agreement with a not to exceed cost for the not to exceed amount set out therein.

5. <u>Contract Term:</u> This Contract shall be in effect from the date of signature by the COUNTY for a one (1) year period (the "Initial Term"). This Agreement shall automatically renew

thereafter for four (4) additional one (1) year terms unless the COUNTY notifies the ENGINEER prior to the end of the current term that it does not intend to renew this Contract. The Term of the Contract is the Initial Term and all renewals thereof.

In witness whereof the undersigned duly authorized representatives have executed this Contract on the dates set forth beside their respective signatures:

ENGINEER: E-Merge Systems, Inc.		COUNTY: County of Fluvanna, Commonwealth of V	a political subdivision of the irginia
By:	Date:	By:	Date:
Name:		Name:	
Title:		Title:	
APPROVED AS TO FORM:			

Fluvanna County Attorney, by Kristina M. Hofmann, Assistant Fluvanna County Attorney



COUNTY OF FLUVANNA, VIRGINIA

Request for Proposals (RFP) #2019-02

SCADA SERVICES
Issue Date: April 05, 2019

Due Date: April 26, 2019 at 2 p.m. EST

Procurement Contact:

County of Fluvanna Cyndi Toler, Purchasing Officer 132 Main Street P.O. Box 540 Palmyra, VA 22963 Ph: (434) 591-1930 ext. 1124

Email: ctoler@fluvannaCounty.org

All sealed proposals shall be turned in no later than the due date and time noted above.

- All Proposals that are delivered via mail or are hand delivered must be addressed to the "Procurement Contact" listed above.
- Any Proposals sent in via facsimile, telephone, or email shall not be considered.
- Any Proposals that are turned in late will be rejected and returned unopened.

Proposal documents may be picked up at the Fluvanna County Department of Finance located at 132 Main Street, 2nd floor, Palmyra, VA 22963 or by clicking on the following link: http://www.fluvannaCounty.org/services/finance/procurement/solicitations.

Exhibit 1

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Toposis accuments may be picked up at the Havanna County Department of Finance Jorgany at 132 fain Street. 2th floor. Rainyte, VA 22963 or by clicking on the following link: West we have macounty one/survices intended to county with the contractions.

1. PURPOSE.

- 1.1 The Fluvanna County Board of Supervisors invites written proposals from qualified firms to submit sealed proposals to provide Supervisory Control and Data Acquisition ("SCADA") computer systems, including Programmable Logic Controllers ("PLC") programming services for multiple projects including without limitation, related to the Zion Crossroads Water and Sewer System Project (the "ZXR Water & Sewer Project"). The successful firm shall have the capability to provide all of the specified equipment, machinery and labor, if necessary, for the completion of the projects, and specifically to perform work as directed by Fluvanna County related to the ZXR Water & Sewer Project, including for the County's Water & Wastewater Treatment Plants, Pump Stations and other facilities as needed. Fluvanna County intends to contract for the above delineated services including those related to the ZXR Water & Sewer Project as detailed in the Scope of Services contained in Section 3 of this RFP.
- 2. <u>BACKGROUND.</u> The County of Fluvanna is a central Virginia community of 26,000 residents that is located in the Charlottesville Metropolitan Statistical Area, approximately 20 miles southeast of the City of Charlottesville, Virginia. The County is bounded by Louisa County to the north, Cumberland and Buckingham Counties and the James River to the south, Goochland County to the east, and Albemarle County to the west.
- 3. SCOPE OF SERVICES. Fluvanna County is seeking written proposals from qualified firms to provide SCADA computer systems, including PLC programming services for multiple projects. The particular tasks contemplated under this RFP include, but are not limited to:

3.1 SCADA computer systems

- 3.1.1 PLC Programming
- 3.1.2 PC based SCADA systems including, by way of example and not as a limitation, GE Simplicity, Allen Bradley Rockwell Software and Wonderware platforms.
- 3.1.3 Programmable logic controller repair
- 3.1.4 Programming and preventive maintenance to include programmable logic controllers manufactured at minimum by Allen Bradley, GE and Schneider Automation.
- 3.1.5 Installation and analysis of SCADA-based communication equipment.
- 3.1.6 Construction and installation of control panels and remote terminal units.
- 3.1.7 Radio and cellular communication between locations.
- 3.1.8 All ancillary services needed for a complete control and SCADA system
- 3.1.9 A SCADA system as described herein and related work, services and all ancillary services (described in 3.1.1 through 3.1.8 above) needed for a complete control and SCADA system for a water and wastewater system related to the ZXR Water & Sewer Project.
- 3.2 The successful Contractor(s) must be capable of responding to multiple work order tasks concurrently during the term of the contract. Fluvanna County will consider authorizing each proposed project on a "Not to Exceed" fee based on the qualified firms' estimated man-hour costs for each task. At this time, the Proposal shall not include costs of services or estimated project costs. At the discussion stage, the County may discuss nonbinding estimates of total project costs related to the ZXR Water & Sewer Project, including, but not limited to, life-cycle costing, maintenance, and where appropriate, nonbinding estimates of price for services.

- 3.3 The successful firm(s) shall have the capability to provide all of the specified equipment, machinery and labor necessary for the completion of the project, to perform work as directed by Fluvanna County.
- 3.4 Selection shall be made of one or more firms deemed to be the most qualified and best suited to perform the Scope of Services described herein for.

4. PROPOSAL PREPARATION AND SUBMISSION INSTRUCTIONS.

4.1 GENERAL INSTRUCTIONS

- 4.1.1 **RFP Response**: In order to be considered for selection, interested parties must submit a complete response to this RFP. Failure to comply with all criteria listed herein may be cause to reject an Offeror's proposal
- 4.1.2 **RFP Questions**: Address questions concerning this RFP to:

Cyndi Toler, Purchasing Officer P.O. Box 540 132 Main Street Palmyra, VA 22963 Phone: (434) 591-1930 ctoler@fluvannaCounty.org

Offerors shall submit any questions in writing. Written responses, including the questions, will be posted with the RFP via an addendum. Questions will not be accepted after April 12, 2019, at 10am.

- 4.1.3 Ownership of Proposals: Ownership of all data, materials, and documentation originated and prepared for the County pursuant to the RFP shall belong exclusively to the County and be subject to public inspection in accordance with the Virginia Freedom of Information Act "FOIA"). Any proprietary or trade secrets material submitted must be specifically identified as such in strict conformance with applicable law (including without limitation FOIA), and must indicate the specific words, figures, or paragraphs specifically, and with a reason why such material is proprietary or a trade secret. Any classification not made in strict conformance with the requirements of Virginia Code or not meeting the definition of a "trade secret" or "propriety" shall be ineffective and such information shall not be held confidential and shall be subject to public inspection. The classification of an entire proposal document is unacceptable and is ineffective and may, at the County's option, result in rejection and return of the proposal.
- 4.1.4 **Due Date:** Sealed copies of the proposal must be received by the Purchasing Officer no later than 2:00 p.m. EST on April 26, 2019. Proposals must be addressed to:

Cyndi Toler, Purchasing Officer P.O. Box 540 132 Main Street Palmyra, VA 22963 RFP-2018-01

Any Proposals that are turned in late will be rejected and returned unopened. Any Proposals sent in via facsimile, telephone, or email shall not be considered.

4.2 **PROPOSAL PREPARATION.** The County will follow the evaluation process and selection criteria described in this Request for Proposals. In order to provide each Offeror an equal opportunity for consideration, adherence to a standardized proposal format is required. The format of each proposal

must contain the following elements organized into separate chapters and sections, as the Offeror may deem appropriate. The following paragraphs provide guidelines to each Offeror for information to include in the proposal:

- 4.2.1 **Cover Letter** Provide a cover letter that confirms the Offeror's understanding of this Request for Proposal, an overview of the history and qualifications of the firm.
- 4.2.2 **Forms** All forms required to be submitted under this RFP must be included in the Proposal as an Appendix.
 - (1) Certificate of No Collusion
 - (2) Offeror Statement
 - (3) Proof of Authority to Transact Business in Virginia
 - (4) Vendor Data Sheet
- 4.2.3 The proposal package shall include as a minimum:
 - (1) The RFP document with any addenda acknowledgements filled out and signed as required (see attachments hereto).
 - (2) A detailed response to all requirements, general, specific, functional and technical as defined within this RFP (see Section 3 "Scope of Services").
 - (3) Overview The purpose of this section is to provide Fluvanna County with an overview of the history, qualifications and abilities of the Offeror's firm and for the Offeror to demonstrate the specific qualifications of the staff the Offeror will assign to this project if selected. At a minimum, the proposal should: (i) Designate a Project Manager and indicate office location; (ii) Include the organization chart, functional discipline, and responsibilities of project team members.
 - (4) Resumes Provide a concise resume or description of each team member's education, relevant professional experience, length of time employed by the Offeror and/or subconsultant, and professional license.
- (5) Demonstrated History of Successful Projects Discuss the Offeror's ability to work in harmonious, non-adversarial relationships with Fluvanna County and their agents. The personnel named in the proposal shall remain assigned to the project throughout the period of the contract unless requested to be replaced by the County. If the County requests an individual to be replaced (including any personnel of any sub-contractor), the Offeror shall do so within 30 days of the request, and without any additional charge to Fluvanna County. No replacement may be made without submission of a resume of the proposed replacement for approval by The County.
 - (6) **Proposed Sub-Consultants** The Offeror shall clearly state whether it is proposing to subcontract any of the work herein. The names of all proposed sub-consultants shall be provided. By proposing such firm(s) or individuals, the Offeror assumes full liability for the sub-consultant's performance. The Offeror shall state the amount of previous work experience with the sub-consultant(s).
 - (7) Project Approach Provide the County with the Offerors understanding and proposed approach to typical projects. The Offeror should discuss in detail the proposed management and project approach for performing any project awarded during the term of the Agreement.

- (8) Representative Projects: This section of the Offeror's Proposal should list and describe representative clients currently served focusing on general engineering projects, and especially projects for other Virginia agencies, localities, and public bodies. Describe the local office experience including the project name and location, brief description of the project, description of the scope of services provided, and principal contact person. The Offeror must include a description of every project it has worked on in the last two (2) years for Virginia (including any department or agency thereof) or a Virginia public body.
- (9) **Effective Cost Control** Demonstrated history of effective control of project costs and ability to accomplish work in a timely manner:
 - a. Describe the Offeror's cost control methodology
 - b. Describe the approach for reducing project costs
 - c. Describe the documentation, tracking and reporting system
 - d. Describe the program for quality control.
- (10)References: Provide the current name, address, and telephone number of at least five (5) references the Offeror has served either currently or in the past three (3) years; preferably those where one or more of the project team members provided the same or similar services as requested herein. Indicate the Scope of Services provided to each reference.
- 4.2.4 The County is not responsible for failure to locate, consider and evaluate qualification factors presented outside this format.
- 4.2.5 **Oral Presentation**: Offerors who submit a proposal in response to this RFP may be required to give an oral presentation of their proposal. This provides an opportunity for the Offeror to clarify or elaborate on the proposal. This is a fact finding and explanation session only and does not include negotiation. The County will schedule the time and location of these presentations. Oral presentations are an option of the County and may or may not be conducted.
- 4.2.6 **Incurred Expenses**: The County will not be liable for any cost incurred by Offerors in preparing and submitting proposals. Offerors may not collect proposal preparation charges from the County of Fluvanna as a result of cancellation of this RFP.

4.3 Submittal Instructions

- 4.3.1 One (1) original and four (4) copies of each proposal, along with one (1) electronic copy of its proposal on CD ROM, DVD, or USB flash drive/memory stick, must be submitted in accordance with this RFP (and specifically section 4.1.4 hereof). The Offeror shall make no other distribution of the proposal.
- 4.3.2 All Proposals must be in a sealed envelope or box and clearly marked with the following information: "Sealed Proposal, RFP #19-02 SCADA Services" and company name and address. Proposals not so marked or sealed may be returned to the Offeror and will not be considered. Proposals shall clearly indicate the legal name, address and telephone number of the Offeror (company, firm, partnership, or individual).
- 4.3.3 An authorized representative of the Offeror shall sign proposals. All information requested should be submitted. Failure to submit all information requested may result in the County, requiring prompt submission of missing information and/or giving a lowered evaluation of

the proposal. Proposals which are substantially incomplete or lack key information may be rejected by the County.

- 4.3.4 Proposals should be organized in the order in which the requirements are presented in the RFP. All pages of the proposal should be numbered. Each paragraph in the proposal should reference the paragraph of the corresponding section of the RFP. It is also helpful to repeat the text of the requirement as it appears in the RFP. The proposal should contain a table of contents, which cross-references the RFP requirements. Information which the Offeror desires to present that does not fall within any of the requirements of the RFP should be inserted at an appropriate place or be attached at the end of the proposal and designated as additional material. Proposals that are not organized in this manner risk elimination from consideration if the evaluators are unable to find where the RFP requirements are specifically addressed.
 - 4.3.5 Each proposal shall be in writing and received in hard copy by the deadline. Oral proposals, proposals received by telephone, fax, telegraph, or email shall be rejected.

5. EVALUATION AND AWARD CRITERIA.

5.1 The County will evaluate proposals intends to award the contract to the firm that makes the best proposal. The firm selected will be required to demonstrate its ability to provide the services required effectively with complete impartially and without any conflict of interest. The selection of a Successful Offeror shall be based on the following criteria:

5.1.1	Project team qualifications and experience	(25 pts.)
5.1.2	Offeror's project and management approach	(20 pts.)
5.1.3	Representative projects	(20 pts.)
5.1.4	Ability to control project costs	(25 pts.)
5.1.5	References	(10 pts.)

- 5.2 The Selection Committee may make such reasonable investigations as it deems proper and necessary to determine the ability of the Offeror to perform the work.
- 5.3 The County reserves the right to make such additional investigations as it may deem necessary to establish competency and financial stability of any Offeror. If, after the investigation, the evidence of competency and financial stability is not satisfactory, in the sole opinion of the County.
- 5.4 Award shall be made in accordance with this RFP and the requirement of procurement of professional services under the Virginia Procurement Act (with specific reference to Virginia Code Sections 2.2-4302.2(A)(4)). The Proposal shall not include costs of services or estimated project costs. At the discussion stage, the County may discuss nonbinding estimates of total project costs, including, but not limited to, life-cycle costing, and where appropriate, nonbinding estimates of price for services.
- 5.5 Awards shall be made to as many Bidders/Offerors as deemed necessary to fulfill the anticipated requirements of the County.

6. CONTRACT PROVISIONS AND OTHER TERM

- 6.1 In accordance with §2.2-4303.1 of the Code of Virginia, the agreement shall be for an initial one (1) year term from the date of execution. The County shall have the option to renew the contract up to four (4) additional one (1) year terms in its sole discretion.
- 6.2 In accordance with law, under the terms of agreement(s) made pursuant to this RFP, no individual Task Order fee shall exceed \$150,000 except if specifically authorized by law. The aggregate total of fees for all Task Orders issued during the any term of the A/E Contract shall not exceed \$750,000 except if

specifically authorized by law.

- 6.3 The County intends to enter into a contract with the selected firm(s). The County provides no guarantee of the amount of work to be assigned to the selected firm(s) and shall utilize other engineering firms for consulting work.
- 6.4 The County's General Terms, Conditions, and Instructions to Bidders and Contractors are attached hereto and incorporated herein by reference as Section 7. These provisions bind all Offerors. Further, the conditions and requirements of this RFP, including, but not limited to, County's General Terms, Conditions, and Instructions to Bidders and Contractors, are a material part of any contract awarded between the County and the successful Offeror(s).

7. G	ENERAL TERMS.	CONDITIONS, AND INSTRUCTIONS 	TO BIDDERS AND CONTR	ACTORS
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ATTACHED

GENERAL TERMS, CONDITIONS AND INSTRUCTIONS TO BIDDERS AND CONTRACTORS

These General Terms, Conditions and Instructions to Bidders and Contractor (hereinafter referred to as the "General Conditions") shall apply to all purchases and be incorporated into and be a part of each Solicitation (as defined below) and every Contract (as defined below) awarded by Fluvanna County, a political subdivision of the Commonwealth of Virginia (hereinafter referred to as the "County") unless otherwise specified by the County in writing. Bidders, Offerors and Contractors or their authorized representatives are expected to inform themselves fully as to these General Conditions before submitting Bids or Proposals to and/or entering into any Contract with the County: failure to do so will be at the Bidder's/Contractor's own risk and except as provided by law, relief cannot be secured on the plea of error.

Subject to all Federal, State and local laws, policies, resolutions, regulations, rules, limitations and legislation, including the County's Procurement Policies and Procedures, Bids or Proposals on all Solicitations issued by County will bind Bidders or Offerors, as applicable, and Contracts will bind Contractors, to all applicable terms, conditions, instructions, rules and requirements herein set forth unless otherwise SPECIFICALLY set forth by the County in writing in the Solicitation or Contract. All provisions of these General Conditions are material to any contract between the County and a Contractor.

INTRODUCTION

- 1. VIRGINIA PUBLIC PROCUREMENT ACT AND ETHICS IN PUBLIC CONTRACTING: The Virginia Public Procurement Act of Virginia Code §§ 2.2-4300 et seq. (hereinafter the "VPPA") is incorporated herein by reference. Nothing in these General Conditions is intended to conflict with the VPPA and in case of any conflict, the VPPA controls. Specifically, the provisions of Article 6 of the VPPA (Virginia Code §§ 2.2-4367 through 2.2-4377) relating to ethics in contracting, shall be applicable to all Solicitations and Contracts solicited or entered into by the County. By submitting their Bids or signing any Contract, all Bidders and Contractors certify that they have not violated any of the provisions of Article 6 of the VPPA, including, but not limited to, that their Bids are made without collusion or fraud and that they have not offered or received any kickbacks or inducements.
- 2. **DEFINITIONS:** The definitions of Virginia Code §§ 2.2-4301, 2.2-4302.1 and 2.2-4302.2 are specifically incorporated herein by reference and as used in these General Conditions, whether capitalized or not, any of such defined terms have the same meaning as such terms have under the VPPA: such defined terms include: "Affiliate", "Best Value", "Business", "Competitive Negotiation", "Competitive Sealed Bidding", "Construction", "Construction Management Contract", "Design-Build Contract", "Employment Services Organization", "Goods", "Informality", "Job Order Contracting", "Multiphase Professional Services Contract", "Nonprofessional Services", "Potential Bidder or Offeror", "Professional Services", "Public Body", "Public Contract", "Responsible Bidder or Offeror", "Responsive Bidder", "Reverse Auctioning" and "Services". Additionally, as used in these General Conditions, the following terms, whether capitalized or not, have the following meanings:
 - a. <u>Bid/Proposal</u>: The offer of a Bidder or Offeror to provide specific Goods or Services at specified prices and/or other conditions specified in the Solicitation. The term "Bid" is used throughout these General Conditions and where appropriate includes the term "Proposal" or any modifications or amendments to any Bid or Proposal.
 - b. <u>Bidder/Offeror/Vendor:</u> Any individual(s), company, firm, corporation, partnership or other organization bidding or offering on any Solicitation issued by the County and/or offering to enter into Contracts with the County. The term "Bidder" is used throughout these General Conditions and where appropriate includes the term "Offeror" and/or "Vendor".
 - c. Contract: Any contract to which the County will be a party.

- d. <u>Contractor:</u> Any individual(s), company, firm, corporation, partnership, or other organization to whom an award is made by the County or whom enters into any contract to which the County is a party.
- e. <u>County:</u> The County of Fluvanna, a political subdivision of the Commonwealth of Virginia, including where applicable all agencies and departments of the County.
- f. County Administrator: The Fluvanna County Administrator.
- g. County Attorney: The Fluvanna County Attorney.
- h. <u>Purchasing Agent:</u> The County Administrator is the County's Purchasing Agent and is responsible for the purchasing activity of Fluvanna County; and has signatory authority to bind the County to all contracts and purchases made lawfully under the Fluvanna County Small Purchasing Procedures. The Purchasing Agent has signatory authority to bind the County to all other contracts and purchases only after the contracts or purchases have been approved by a vote of the Fluvanna County Board of Supervisors.
- i. General Terms, Conditions and Instructions to Bidders and Contractors (also referred to herein as the "General Conditions"): These General Terms, Conditions and Instructions to Bidders and Contractors shall be attached to and made a part of all Solicitations by the County and all Contracts to which the County is party.
- j. <u>His:</u> Any references to "his" shall include his, her, their, or its as appropriate.
- k. <u>Invitation to Bid (also referred to herein as an "IFB"):</u> A request which is made to prospective Bidders for their quotation on Goods or Services desired by the County. The issuance of an IFB will contain or incorporate by reference the General Conditions and the other specifications and contractual terms and conditions applicable to the procurement.
- 1. <u>Purchasing Officer:</u> The Purchasing Officer employed by the County and to whom Bidders/Contractors can submit questions relating to any Bid or Contract.
- m. Request for Proposal (also referred to herein as a "RFQ"): A request for an offer from prospective Offerors which shall indicate the general terms which are sought to be procured from Offerors. The RFQ will specify the evaluation factors to be used and will contain or incorporate by reference the General Conditions and other applicable contractual terms and conditions, including any unique capabilities or qualifications that will be required of the Contractor.
- n. <u>Small Purchasing Procedures:</u> The County's Small Purchasing Procedures, being Chapter 4 of the County's Procurement Policies and Procedures, a method of purchasing not requiring competitive sealed bids or competitive negotiation for single or term contracts for goods and services other than professional services if the aggregate or the sum of all phases is not expected to exceed \$50,000; and also allowing for single or term contracts for professional services without requiring competitive negotiation, provided the aggregate or the sum of all phases is not expected to exceed \$50,000.
- o. <u>Solicitation</u>: The process of notifying prospective Bidders or Offerors that the County wishes to receive Bids or Proposals on a set of requirements to provide Goods or Services. "Solicitation" includes any notification of the County requirements may consist of public advertising (newspaper, County's website, or other electronic notification), the mailing of notices of Solicitation, any Invitation for Quotes ("IFQ"), Initiations to Bid ("IFB"), or Requests for Proposal ("RFQ"), the public posting of notices, issuance of an Open Market Procurement

("OMP"), or telephone calls to prospective Bidders or Offerors.

- p. State: The Commonwealth of Virginia.
- 3. AUTHORITY: The Purchasing Agent shall serve as the principal public purchasing official for the County, and shall be responsible for the procurement of goods, services, insurance and construction in accordance with the County's Procurement Policies and Procedures. The Purchasing Agent has responsibility and authority for negotiating, placing and when necessary modifying every Solicitation, Contract and purchase order issued by the County under the County's Small Purchasing Procedures. The Purchasing Agent has signatory authority to bind the County to all contracts and purchases made lawfully under the County's Small Purchasing Procedures. The Purchasing Agent has responsibility and authority for negotiating, placing and when necessary modifying every other Solicitation, Contract and purchase order issued by the County except that the Purchasing Agent has signatory authority to bind the County to all other contracts and purchases ONLY after the contracts or purchases have been adopted and approved by a vote of the Fluvanna County Board of Supervisors (the "Board").

Unless specifically delegated by the Board or the Purchasing Agent, and consistent with the limited authority granted thereto, no other County officer or employee is authorized to order supplies or Services, enter into purchase negotiations or Contracts, or in any way obligate the County for any indebtedness. Any purchase or contract made which is contrary to such authority shall be of no effect and void and the County shall not be bound thereby.

For convenience, the County's Purchasing Officer shall serve as an intermediary between the Purchasing Agent and the Bidder or Contractor and any Bidder or Contractor may direct communications regarding any purchase, Solicitation or Contract to the Purchasing Officer; however as stated *supra* only the Board or County's Purchasing Agent can bind the County and only upon the conditions stated *supra*.

CONDITIONS OF BIDDING

- 4. COMPETITION INTENDED: It is the County's intent to encourage and permit open and competitive bidding in all Solicitations. It shall be the Bidder's responsibility to advise the County in writing if any language, requirement, specification, etc., or any combination thereof, stifles competition or inadvertently restricts or limits the requirements stated in a Solicitation to a single source. The County must receive such notification not later than seven (7) business days prior to the deadline set for acceptance of the Bids. In submitting a Bid, the Bidder guarantees that he or she has not been a party with other Bidders to an agreement to bid a fixed or uniform price. Violation of this implied guarantee shall render the Bid of any Bidder involved void.
- 5. DISCRIMINATION PROHIBITED: Pursuant to Virginia Code § 2.2-4310, the County does not discriminate against Bidders, Offerors or Contractors because of race, religion, color, sex, national origin, age, disability, status as a service disabled veteran, or any other basis prohibited by state law relating to discrimination in employment. Whenever solicitations are made, the County shall include businesses selected from a list made available by the Department of Small Business and Supplier Diversity. Pursuant to Virginia Code § 2.2-4343.1, the County does not discriminate against "faith-based organizations", being a religious organization that is or applies to be a contractor to provide goods or services for programs funded by the block grant provided pursuant to the Personal Responsibility and Work Reconciliation Act of 1996, P.L. 104-193.
- 6. CLARIFICATION OF TERMS: Pursuant to Virginia Code § 2.2-4316, if any Bidder has questions or comments about the specifications or other Solicitation documents, the prospective Bidder should contact the County no later than seven (7) business days prior to the date set for the opening of Bids or receipt of Proposals. Any revisions to the Solicitation will be made only by written addendum issued by

the County. Notifications regarding specifications may not be considered if received in less than seven (7) business days of the date set for opening of Bids/receipt of Proposals.

- 7. MANDATORY USE OF COUNTY FORM AND TERMS AND CONDITIONS: Unless otherwise specified in the Solicitation, all Bids must be submitted on the forms provided by the County, including but not limited to, a Cover Sheet or Pricing Schedule, if applicable, properly signed in ink in the proper spaces and submitted in a sealed envelope or package. Unauthorized modification of or additions to any portion of the Solicitation may be cause for rejection of the Bid. However, the County reserves the right to decide, on a case by case basis, in its sole discretion, whether to reject any Bid or Proposal which has been modified. These General Conditions are mandatory provisions of all Solicitations and all Contracts of the County.
- 8. LATE BIDS & MODIFICATION OF BIDS: Any Bid or modification thereto received at the office designated in the Solicitation after the exact time specified for receipt of the Bid is considered a late Bid or modification thereof. The County is not responsible for delays in the delivery of the mail by the U.S. Postal Service, private carriers or the inter-office mail system. It is the sole responsibility of the Bidder to ensure their Bid reaches County by the designated date and hour. The following rules apply to all Bids submitted to the County:
 - a. The official time used in the receipt of Bids/Proposals is that time on the automatic time stamp machine in the Finance Department;
- b. Late Bids or modifications thereof will be returned to the Bidder UNOPENED, if Solicitation number, due date and Bidder's return address is shown on the container;
- c. If a Bid is submitted on time, however a modification thereto is submitted after the due date and time, then the County in its sole discretion may choose to consider the original Bid except that the County may not consider such original Bid if the Bid is withdrawn by the Bidder pursuant to Section 9 below; and
 - d. If an emergency or unanticipated event or closing interrupts or suspends the County's normal business operations so that Bids cannot be received by the exact time specified in the Solicitation, then the due date/time specified for receipt of Bids will be deemed to be extended to the same time of day specified in the Solicitation on the first work day on which normal County business operations resume.

9. WITHDRAWAL OF BIDS:

a. Pursuant to Virginia Code § 2.2-4330, a Bidder for a public construction contract, other than a contract for construction or maintenance of public highways, may withdraw his Bid from consideration if the price bid was substantially lower than the other Bids due solely to a mistake in the Bid, provided the Bid was submitted in good faith, and the mistake was a clerical mistake as opposed to a judgment mistake, and was actually due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of a Bid, which unintentional arithmetic error or unintentional omission can be clearly shown by objective evidence drawn from inspection of original work papers, documents and materials used in the preparation of the Bid sought to be withdrawn.

If a Bid contains both clerical and judgment mistakes, a Bidder may withdraw his Bid from consideration if the price bid would have been substantially lower than the other Bids due solely to the clerical mistake, that was an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of a Bid that shall be clearly shown by objective evidence drawn from inspection of original work papers, documents and materials used in the preparation of the Bid sought to be withdrawn. The Bidder shall give notice in writing to the County of his or her claim of right to withdraw his or her Bid within two (2) business days after the conclusion of the Bid opening procedure and shall submit original

work papers with such notice.

- b. A Bidder for a Contract other than for public construction may request withdrawal of his or her Bid under the following circumstances:
 - i. Bids may be withdrawn on written request from the Bidder received at the address shown in the Solicitation prior to the time of opening.
 - ii. Requests for withdrawal of Bids after opening of such Bids but prior to award shall be transmitted to the County, in writing, accompanied by full documentation supporting the request. If the request is based on a claim of error, documentation must show the basis of the error. Such documentation may take the form of supplier quotations, Bidder work sheets, etc. If Bid bonds were tendered with the Bid, the County may exercise its right of collection.
- c. No Bid may be withdrawn under this Section 9 when the result would be the awarding of the Contract on another Bid of the same Bidder or of another Bidder in which the ownership of the withdrawing Bidder is more than five percent (5%).
- d. If a Bid is withdrawn under the authority of this Section 9 the lowest remaining Bid shall be deemed to be the low Bid.
- e. No Bidder who, is permitted to withdraw a Bid shall, for compensation, supply any material or labor to or perform any subcontract or other work agreement for the person or firm to whom the Contract is awarded or otherwise benefit, directly or indirectly, from the performance of the project for which the withdrawn Bid was submitted.
- f. The County shall notify the Bidder in writing within five (5) business days of its decision regarding the Bidder's request to withdraw its Bid. If the County denies the withdrawal of a Bid under the provisions of this Section 9, it shall State in such notice the reasons for its decision and award the Contract to such Bidder at the Bid price, provided such Bidder is a responsible and responsive Bidder. At the same time that the notice is provided, the County shall return all work papers and copies thereof that have been submitted by the Bidder.
- g. Under these procedures, a mistake shall be proved only from the original work papers, documents and materials delivered as required herein. The work papers, documents and materials submitted by the bidder shall, at the bidder's request, be considered trade secrets or proprietary information subject to the conditions of subsection F of Virginia Code § 2.2-4342.
- 10. ERRORS IN BIDS: When an error is made in extending total prices, the unit Bid price will govern. Erasures in Bids must be initialed by the Bidder. Carelessness in quoting prices, or otherwise in preparation of the Bid, will not relieve the Bidder. Bidders/Offerors are cautioned to recheck their Bids for possible error. Errors discovered after public opening cannot be corrected and the Bidder will be required to perform if his or her Bid is accepted.
- 11. IDENTIFICATION ON BID ENVELOPE: All Bids, Proposals and requested copies thereof submitted to the County shall be in a separate envelope or package, sealed and identified with the following information clearly marked on the outside of the envelope or package:
 - a. Addressed as indicated on page 1 of the solicitation;
 - b. Solicitation number;
 - c. Title;
 - d. Bid due date and time;
 - e. Bidder's name and complete mailing address (return address); and

f. Pursuant to Virginia Code § 2.2-4311.2, the Bidder's identification number issued by the State Corporation Commission, or if the bidder is not required to be authorized to transact business in the Commonwealth as a foreign business entity under Title 13.1 or Title 50 or as otherwise required by law shall include in its bids or proposal a statement describing why the bidder or offeror is not required to be so authorized.

If a Bid is not addressed with the information as shown above, the Bidder takes the risk that the envelope may be inadvertently opened and the information compromised, which may cause the Bid to be disqualified. Bids may be hand delivered to the designated location in the County's offices. No other correspondence or other Proposals/Bids should be placed in the envelope. Any Bidder or Offeror that fails to provide the information required in (f) above shall not receive an award unless a waiver is specifically granted by the County Administrator.

- 12. ACCEPTANCE OF BIDS: Unless otherwise specified, all formal Bids or Proposals submitted shall be valid for a minimum period of one hundred twenty (120) calendar days following the date established for opening or receipt, respectively, unless extend by mutual agreement of the parties. At the end of the one hundred twenty (120) calendar days the Bid/Proposal may be withdrawn at the written request of the Bidder. Thereafter, unless and until the Proposal is withdrawn, it remains in effect until an award is made or the Solicitation is canceled by the County. The County may cancel any Solicitation at any time by notice of such cancelation to the Bidders.
- 13. COMPLETENESS: To be responsive, a Bid must include all information required by the Solicitation.
- 14. CONDITIONAL BIDS: Conditional Bids are subject to rejection in whole or in part.
- 15. RESPONSE TO SOLICITATIONS: In the event a Bidder cannot submit a Bid on a Solicitation, the Bidder is requested to return the Solicitation cover sheet with an explanation as to why the Bidder is unable to Bid on these requirements, or if there be no cover sheet for the Solicitation a letter to the County explaining the same.
- 16. BIDDER INTERESTED IN MORE THAN ONE BID AND COLLUSION: More than one bid from an individual, firm, partnership, corporation or association under the same or different name will be rejected. Reasonable grounds for believing that a bidder is interested in more than one bid for the work contemplated will cause rejection of all bids in which the bidder is interested. Any or all bids may be rejected if there is any reason for believing that collusion exists among the bidders. Participants in such collusion may not be considered in future bids for the same work. Each bidder, as a condition of submitting a bid, shall certify that he is not a party to any collusive action as herein defined. However, a party who has quoted prices on work, materials, or supplies to a Bidder is not thereby disqualified from quoting prices to other Bidders or firms submitting a Bid directly for the work, materials or supplies.
- 17. BID OPENING: Pursuant to Virginia Code § 2.2-4301, all Bids received in response to an IFB will be opened at the date, time and place specified, and announced publicly, and made available for inspection as provided in Section 21 of these General Conditions. Proposals received in response to an RFQ will be made available for inspection as provided in Section 21 of these General Conditions.
- 18. TAX EXEMPTION: The County is exempt from the payment of any federal excise or any Virginia sales tax. The price bid must be net, exclusive of taxes. Tax exemption certificates will be furnished if requested by the Bidder.

- 19. DEBARMENT STATUS: By submitting their Bids, Bidders certify that they are not currently debarred from submitting Bids on Contracts by the County, nor are they an agent of any person or entity that is currently debarred from submitting Bids or Proposals on Contracts by the County or any agency, public entity/locality or authority of the State.
- 20. NO CONTACT POLICY: No Bidder shall initiate or otherwise have contact related to the Solicitation with any County representative or employee, other than the Purchasing Officer or Purchasing Agent, after the date and time established for receipt of Bids. Any contact initiated by a Bidder with any County representative, other than the Purchasing Officer or Purchasing Agent, concerning this Solicitation is prohibited and may cause the disqualification of the Bidder.
- 21. VIRGINIA FREEDOM OF INFORMATION ACT: As provided under Virginia Code § 2.2-4342, all proceedings, records, Contracts and other public records relating to procurement transactions shall be open to the inspection of any citizen, or any interested person, firm or corporation, in accordance with the Virginia Freedom of Information Act of Virginia Code §§ 2.2-3700 et seq., except:
 - a. Cost estimates relating to a proposed procurement transaction prepared by or for the County shall not be open to public inspection;
 - b. Any competitive sealed bidding Bidder, upon request, shall be afforded the opportunity to inspect Bid records within a reasonable time after the opening of Bids but prior to award, except in the event that the County decides not to accept any of the Bids and to reopen the Contract. Otherwise, Bid records shall be open to public inspection only after award of the Contract;
 - c. Any competitive negotiation Offeror, upon request, shall be afforded the opportunity to inspect Proposal records within a reasonable time after the evaluation and negotiations of Proposals are completed but prior to award except in the event that the County decides not to accept any of the Proposals and to reopen the Contract. Otherwise, Proposal records shall be open to the public inspection only after award of the Contract;
 - d. Any inspection of procurement transaction records under this Section 21 shall be subject to reasonable restrictions to ensure the security and integrity of the records;
 - e. Trade secrets or proprietary information submitted by a Bidder, Offeror or Contractor in connection with a procurement transaction shall not be subject to public disclosure under the Virginia Freedom of Information Act; however, the Bidder, Offeror or Contractor must invoke the protections of this Section 21 prior to or upon submission of the data or other materials, and must identify the data or other materials to be protected and State the reasons why protection is necessary; and
 - f. Nothing contained in this Section 21 shall be construed to require the County, when procuring by "competitive negotiation" (RFQ), to furnish a Statement of reasons why a particular Proposal was not deemed to be the most advantageous to the County.
- 22. CONFLICT OF INTEREST: Bidder/Contractor certifies by signing any Bid/Contract to/with the County that no conflict of interest exists between Bidder/Contractor and County that interferes with fair competition and no conflict of interest exists between Bidder/Contractor and any other person or organization that constitutes a conflict of interest with respect to the Bid/Contract with the County.

SPECIFICATIONS

- 23. OMISSIONS OR DISCREPANCIES: Any items or parts of any equipment listed in a Solicitation which are not fully described or are omitted from such specification, and which are clearly necessary for the completion of such equipment and its appurtenances, shall be considered a part of such equipment although not directly specified or called for in the specifications. Should a Bidder find a discrepancy or ambiguity in, or an omission from, the Solicitation, including the drawings and/or specifications, he or she shall so notify the County within twenty-four (24) hours of noting the discrepancy, ambiguity or omission and in any event no less than five (5) days prior to the date set for the opening of Bids. If necessary, the County will send a written addendum for clarification to all Bidders no later than three (3) days before the date set for opening of Bids. Any notification regarding specifications received less than five (5) days prior to the date set for the opening of Bids may or may not be considered by the County in its sole discretion. The Bidder shall abide by and comply with the true intent of the specifications and not take advantage of any unintentional error or omission, but shall fully complete every part as the true intent and meaning of the specifications and drawings. Whenever the mention is made of any articles, material or workmanship to be in accordance with laws, ordinances, building codes, underwriter's codes, A.S.T.M. regulations or similar expressions, the requirements of these laws, ordinances, etc., shall be construed as to the minimum requirements of these specifications.
- 24. BRAND NAME OR EQUAL ITEMS: Pursuant to Virginia Code § 2.2-4315, unless otherwise provided in the Solicitation, the name of a certain brand, make or manufacturer does not restrict Bidders to the specific brand, make or manufacturer named; it conveys the general style, type, character, and quality of the article desired, and any article which the County in its sole discretion determines to be the equal of that specified, considering quality, workmanship, economy of operation, and suitability for the purpose intended, shall be accepted. The Bidder is responsible to clearly and specifically indicate the product being offered and to provide sufficient descriptive literature, catalog cuts and technical detail to enable the County to determine if the product offered meets the requirements of the Solicitation. This is required even if offering the exact brand, make or manufacturer specified. Normally in competitive sealed bidding, only the information furnished with the Bid will be considered in the evaluation. Failure to furnish adequate data for evaluation purposes may result in declaring a Bid non-responsive. Unless the Bidder clearly indicates in its Bid that the product offered is "equal" product, such Bid will be considered to offer the brand name product referenced in the Solicitation.
- 25. FORMAL SPECIFICATIONS: When a Solicitation contains a specification which states no substitutes, no deviation therefrom will be permitted and the Bidder will be required to furnish articles in conformity with that specification.
- 26. CONDITION OF ITEMS: Unless otherwise specified in the Solicitation, all items shall be new, in first class condition.

AWARD

27. RESPONSIBLE BIDDERS: In determining whether a Bidder is a responsible Bidder as defined herein, at minimum, the following criteria will be considered:

- a. The ability, capacity and skill of the Bidder to perform the Contract or provide the service required under the Solicitation;
- b. Whether the Bidder can perform the Contract or provide the service promptly, or within the time specified, without delay or interference;
- c. The character, integrity, reputation, judgment, experience and efficiency of the Bidder;
- d. The quality of performance of previous Contracts or Services;
- e. The previous and existing compliance by the Bidder with laws and ordinances relating to the Contract or Services;
- f. The sufficiency of the financial resources and ability of the Bidder to perform the Contract or provide the service;
- g. The quality, availability and adaptability of the Goods or Services to the particular use required;
- h. The ability of the Bidder to provide future maintenance and service for the use of the subject of the Contract:
- i. The number and scope of the conditions attached to the Bid;
- j. Whether the Bidder is in arrears to the County on debt or Contract or is a defaulter on surety to the County or whether the Bidder's County taxes or assessments are delinquent; and
- k. Such other information as may be secured by the County, the Purchasing Agent or the Purchasing Officer having a bearing on the decision to award the Contract. If an apparent low Bidder is not awarded a Contract for reasons of nonresponsibility, the County shall so notify that Bidder and shall have recorded the reasons in the Solicitation or Contract file.
- 28. AWARD OR REJECTION OF BIDS; WAIVER OF INFORMALITIES: The County shall award the Contract to the lowest responsive and responsible Bidder complying with all provisions of the IFB, provided the Bid price is reasonable and it is in the best interest of the County to accept it. Awards made in response to a RFQ will be made to the highest qualified Offeror whose Proposal is determined, in writing, to be the most advantageous to the County taking into consideration the evaluation factors set forth in the RFQ. The County reserves the right to award a Contract by individual items, in the aggregate, or in combination thereof, or to reject any or all Bids and to waive any informality in Bids received whenever such rejection or waiver is in the best interest of the County. Award may be made to as many Bidders/Offerors as deemed necessary to fulfill the anticipated requirements of the County. The County also reserves the right to reject the Bid if a Bidder is deemed to be a non-responsible Bidder. Pursuant to Virginia Code § 2.2-4319, an IFB, a RFQ, any other solicitation, or any and all bids or proposals, may be canceled or rejected by the County at any time. The reasons for cancellation or rejection shall be made part of the contract file. The County shall not cancel or reject an IFB, a RFQ, any other solicitation, bid or proposal solely to avoid awarding a contract to a particular responsive and responsible bidder or offeror.
- 29. EXCLUSION OF INSURANCE BIDS PROHIBITED: Pursuant to Virginia Code § 2.2-4320, notwithstanding any other provision of law or these General Conditions, no insurer licensed to transact the business of insurance in the State or approved to issue surplus lines insurance in the State shall be excluded from presenting an insurance bid proposal to the County in response to a RFQ or an IFB; excepting that the County may debar a prospective insurer pursuant to its Debarment Policy, see Chapter 2 of the County's Procurement Policies and Procedures.
- **30. ANNOUNCEMENT OF AWARD:** Upon the award or announcement of the decision to award a Contract as a result of this Solicitation, the County will publicly post such notice on the County's bulletin board located at 72 Main Street, 2nd Floor, Palmyra, Virginia 22963. Award results may also be viewed on the County's website.
- 31. QUALIFICATIONS OF BIDDERS OR OFFERORS: The County may make such reasonable investigations as deemed proper and necessary to determine the ability of the Bidder to perform the work/furnish the item(s) and the Bidder shall furnish to the County all such information and data for this

purpose as may be requested. The County reserves the right to inspect Bidder's physical facilities prior to award to satisfy questions regarding the Bidder's capabilities. The County further reserves the right to reject any Bid or Proposal if the evidence submitted by or investigations of, such Bidder fails to satisfy the County that such Bidder is properly qualified to carry out the obligations of the Contract and to complete the work/furnish the item(s) contemplated therein.

32. TIE BIDS AND PREFERENCE FOR VIRGINIA PRODUCTS WITH RECYCLED CONTENT AND FOR VIRGINIA FIRMS:

- a. Pursuant to Virginia Code § 2.2-4328, in the case of a tie bid on an IFB only, the County may give preference to Goods, Services and construction produced in Fluvanna County or provided by persons, firms or corporations having principal places of business in Fluvanna County. If such choice is not available, preference shall then be given to Goods produced in Virginia, or for goods, services or construction provided by Virginia persons, firms, corporations, pursuant Virginia Code § 2.2-4324. If no County or State choice is available, the tie shall be decided publicly by lot. The decision by the County to make award to one or more such Bidders shall be final.
- b. Whenever the lowest responsive and responsible bidder is a resident of any other state and such state under its laws allows a resident contractor of that state a percentage preference, a like preference shall be allowed to the lowest responsive and responsible bidder who is a resident of Virginia and is the next lowest bidder. If the lowest responsive and responsible bidder is a resident of any other state and such state under its laws allows a resident contractor of that state a price-matching preference, a like preference shall be allowed to responsive and responsible bidders who are residents of Virginia. If the lowest bidder is a resident contractor of a state with an absolute preference, the bid shall not be considered. The Department of General Services shall post and maintain an updated list on its website of all states with an absolute preference for their resident contractors and those states that allow their resident contractors a percentage preference, including the respective percentage amounts. For purposes of compliance with this Section 32, the County may rely upon the accuracy of the information posted on this website.
- c. Notwithstanding the provisions of subsections a and b, in the case of a tie bid in instances where goods are being offered, and existing price preferences have already been taken into account, preference shall be given to the bidder whose goods contain the greatest amount of recycled content.
- d. For the purposes of this Section 32, a Virginia person, firm or corporation shall be deemed to be a resident of Virginia if such person, firm or corporation has been organized pursuant to Virginia law or maintains a principal place of business within Virginia.
- 33. NEGOTIATION WITH LOWEST RESPONSIBLE BIDDER: Pursuant to Virginia Code § 2.2-4318, unless cancelled or rejected, a responsive Bid from the lowest responsible Bidder shall be accepted as submitted, except that if the Bid from the lowest responsible Bidder exceeds available funds, the County may negotiate with the apparent low Bidder to obtain a Contract price within available funds. However, the negotiation may be undertaken only under conditions and procedures described in writing and approved by the County prior to issuance of the IFB and summarized therein.

CONTRACT PROVISIONS

34. APPLICABLE LAW AND COURTS: Any Bid or Contract resulting from a Solicitation and its terms, including, but not limited to, the parties' obligations under it, and the remedies available to each party for breach of it, shall be governed by, construed and interpreted in accordance with the laws of the Commonwealth of Virginia, and exclusive jurisdiction and venue of any dispute or matters involving

litigation between the parties hereto shall be in the courts of Fluvanna County, Virginia. Any jurisdiction's choice of law, conflict of laws, rules, or provisions, including those of the Commonwealth of Virginia, that would cause the application of any laws other than those of the Commonwealth of Virginia, shall not apply. The Contractor shall comply with applicable federal, State and local laws, ordinances, rules and regulations in performance of the Contract.

- 35. PROVISION AND OWNERSHIP OF INFORMATION: The County shall make a good faith effort to identify and make available to the Contractor all non-confidential technical and administrative data in the County's possession which the County may lawfully release including, but not limited to Contract specifications, drawings, correspondence, and other information specified and required by the Contractor and relating to its work under any Contract. The County reserves its rights of ownership to all material given to the Contractor by the County and to all background information documents, and computer software and documentation developed by the Contractor in performing any Contract.
- 36. DOCUMENTS: All documents, including but not limited to data compilations, drawings, reports and other material, whether in hard copy or electronic format, prepared, developed or furnished by the Contractor pursuant to any Contract shall be the sole property of the County. At the direction of the County, the Contractor shall have the right to make copies of the documents produced available to other parties. The County shall be entitled to delivery of possession of all documents, upon payment in accordance with the terms of any Contract for the service incurred to produce such documents.
- 37. CONFIDENTIALITY: Contractor shall not publish, copyright or otherwise disclose or permit to be disclosed or published, the results of any work performed pursuant to this contract, or any particulars thereof, including forms or other materials developed for the County in connection with the performance by Contractor of its services hereunder, without prior written approval of the County. Contractor, cognizant of the sensitive nature of much of the data supplied by the County, shall not disclose any information (other than information which is readily available from sources available to the general public) obtained by it in the course of providing services hereunder without the prior written approval of the County, unless disclosure of such information by it is required by law, rule or regulation or the valid order of a court or administrative agency.
- **38. INDEPENDENT CONTRACTOR:** The Contractor and any agents, or employees of the Contractor, in the performance of any Contract shall act as an independent contractor and not as officers, employees or agents of the County.
- **39. INSURANCE:** The Contractor agrees that, during the period of time it renders services to the County pursuant to any Contract, it shall carry (and provide the County with evidence of coverage) the following minimum amounts of insurance:

Automobile	\$500,000	Liability Medical Payment Comprehensive Collision
Public Liability	\$1,000,000	Considir
Professional Liability	\$1,000,000	A's MENT: Parendin to Virginia Corte- contract, paymage will be made touty-fit
Excess Liability	\$2,000,000	Aggregate Over Above Policy Limits (Excluding Professional Liability)

Worker's CompensationAmount required by Virginia law

The Contract may specifically require the Contractor to carry higher minimum amounts of insurance. In addition, the Contractor shall require, and shall include in every subcontract, that any subcontractor providing any goods or services related to such Contract obtain and continue to maintain for the duration of the work, workers' compensation coverage in the amount required by Virginia law.

40. **KEY PERSONNEL:** For the duration of any Contract, the Contractor shall make no substitutions of key personnel unless the substitution is necessitated by illness, death, or termination of employment, or as expressly approved by the County. The Contractor shall notify the County within five (5) calendar days after the occurrence of any of these events and provide the information required by the paragraph below.

The Contractor shall provide a detailed explanation of the circumstances necessitating any proposed substitution, complete resumes for the proposed substitute, and any additional information requested by the County. The proposed substitute should have comparable qualifications to those of the person being replaced. The County will notify the Contractor within fifteen (15) calendar days after receipt of all required information of its approval or disapproval of the proposed substitution.

41. SEVERABILITY: If any term, covenant or provision of these General Conditions or any Contract shall be held to be invalid, illegal or unenforceable in any respect, these General Conditions and any

Contract shall remain in effect and be construed without regard to such provision.

- 42. TITLES: The titles and section headings herein and in any Contract are inserted solely for convenience and are not to be construed as a limitation on the scope of the provisions to which they refer.
- 43. ATTORNEYS' FEES: In the event of a dispute between the County and Contractor under any Contract which cannot be amicably resolved, in addition to all other remedies, the party substantially prevailing in any litigation shall be entitled to recover its reasonable expenses, including, but not limited to, reasonable attorneys' fees.
- 44. NO WAIVER: Neither any payment for, nor acceptance of, the whole or any part of the services by the County, nor any extension of time, shall operate as a waiver of any provision of any Contract, nor of any power herein reserved to the County, or any right to damages herein provided, nor shall any waiver of any breach of any Contract be held to be a waiver of any other or subsequent breach. Failure of the County to require compliance with any term or condition of any Contract shall not be deemed a waiver of such term or condition or a waiver of the subsequent enforcement thereof.
- 45. NO FINANCE CHARGES: No finance charges shall be paid by the County.
- 46. ANTITRUST: By entering into a Contract, the Contractor conveys, sells, assigns, and transfers to the County all rights, title and interest in and to all causes of the action it may now have or hereafter acquire under the antitrust law of the United States or the State, relating to the particular Goods or Services purchased or acquired by the County under said Contract. Consistent and continued tie bidding could cause rejection of Bids by the County and/or investigation for antitrust violations.
- 47. PAYMENT: Pursuant to Virginia Code § 2.2-4352, unless more time is provided in the Solicitation or Contract, payment will be made forty-five (45) days after receipt by the County of a proper invoice, or forty-five (45) days after receipt of all Goods or acceptance of work, whichever is later. The County reserves the right to withhold any or all payments or portions thereof for Contractor's failure to perform in accordance with the provision of the Contract or any modifications thereto. Within twenty (20) days of receipt of proper invoice or of goods or services, the County shall notify the Contractor if any defect or impropriety that would prevent payment by the payment date. The following provisions apply to such payments:

- a. Invoices for items/Services ordered, delivered/performed and accepted shall be submitted by the Contractor in duplicate directly to the payment address shown on the purchase order, Solicitation or Contract, as applicable. All invoices shall show the Contract number, purchase order number, or Solicitation number, as applicable, and as required under Virginia Code § 2.2-4354, either the individual Contractor's social security number or the Contractor's federal employer identification number, whichever is applicable.
- b. Any payment terms requiring payment in less than forty-five (45) days will be regarded as requiring payment forty-five (45) days after receipt of proper invoice or receipt of all Goods or acceptance of work, whichever occurs later. Notwithstanding the foregoing, offers of discounts for payment in less than forty-five (45) days are valid and enforceable.
- c. Pursuant to Virginia Code § 2.2-4353, the date any payment shall be deemed the date of postmark in all cases where payment is made by mail.
- d. The County's fiscal year is July 1 to June 30. Contractors are advised to submit invoices, especially for Goods and/or Services provided in the month of June, for the entire month (i.e. June 1 June 30), so that expenses are recognized in the appropriate fiscal year.
- e. Any payment made by the Contractor to the County shall only be made in U.S. Dollars. If payment is received in foreign currency the County may, in its sole discretion, reject such payment and require immediate compensation in U.S. Dollars.
- **48. SUBCONTRACTORS:** Pursuant to Virginia Code § 2.2-4354, in the event that any subcontractors are used by Contractor in connection with the work, Contractor shall:
 - a. Within seven (7) days after receipt of amounts paid to the Contractor for work performed by a subcontractor, either:
 - i. Pay the subcontractor for the proportionate share of the total payment received attributable to the work performed by the subcontractor under any Contract; or
 - ii. Notify the County and subcontractor, in writing, of his intention to withhold all or a part of the subcontractor's payment with the reason for nonpayment.
 - b. Contractor shall require each subcontractor to provide either (i) for an individual, their social security numbers, or (ii) for proprietorships, partnerships, and corporations to provide their federal employer identification numbers.
 - c. The Contractor shall pay interest to any subcontractor on all amounts owed by the Contractor that remain unpaid after seven days following receipt by the Contractor of payment from the County for work performed by the subcontractor under any Contract, except for amounts withheld as allowed in subdivision (a)(II) above. Unless otherwise provided under the terms of any Contract, interest shall accrue at the rate of one percent (1%) per month.
 - d. The Contractor shall include in each of its subcontracts under any Contract a provision requiring each subcontractor to include or otherwise be subject to the above payment and interest requirements (a), (b) and (c) with respect to each lower tier subcontractor.
 - e. The Contractor's obligation to pay an interest charge to a subcontractor pursuant to the payment clause in this Section 48 shall not be construed to be an obligation of the County. No Contract modification may be made for the purpose of providing reimbursement for such interest charge. No cost reimbursement claim may include any amount for reimbursement for such interest charge.

- 49. RETAINAGE ON CONSTRUCTION CONTRACTS: Pursuant to Virginia Code 2§ 2.2-4333, if a Contract for construction provides for progress payments in installments based upon an estimated percentage of completion, then the contractor shall be paid at least ninety-five percent (95%) of the earned sum when payment is due, with no more than five percent (5%) being retained to ensure faithful performance of the contract. All amounts withheld may be included in the final payment. Any subcontract related to work on a Contract that provides for similar progress payments shall be subject to the provisions above and the Contractor agrees to include such provisions in every subcontract.
- 50. SUCCESSORS AND ASSIGNS: The County and the Contractor bind themselves and their respective successors and assigns to any Contract. The foregoing notwithstanding, the Contractor shall not assign, sublet or transfer its interest in any Contract without the prior written consent of the County, which may be granted or withheld in the County's sole discretion. Nothing hereinafter mentioned shall be construed as creating any personal liability on the part of any officer, agent or employee of the County, nor shall it be construed as giving any benefits hereunder to anyone other than the County and the Contractor.
- 51. DEFAULT: Failure of a Contractor to deliver Goods or Services in accordance with Contract terms and conditions and/or within the time specified, or within reasonable time as interpreted by the County in its sole discretion, or failure to make replacements/corrections of rejected articles/services when so requested, immediately or as directed by the County, or failure of the Contractor to act in accordance with the Contract in any material respect, as reasonably determined by the County, shall constitute a "default" by the Contractor and shall further authority for the County to purchase in the open market articles/services of comparable grade/quality to replace the services, articles rejected, and/or not delivered. On all such purchases, the Contractor shall reimburse the County, within a reasonable time specified by the County, for any expense incurred in excess of Contract prices including, but not limited to, any purchase and administrative costs. Such purchases shall be deducted from the Contract quantities, if applicable. Should public necessity demand it, the County reserves the right to use or consume articles delivered or services performed which are substandard in quality, subject to an adjustment in price to be determined by the County. In case of any default, the County, after due oral or written notice if required in accordance with the Contract, may terminate the Contract at its option in its sole discretion effective immediately. These remedies shall be in addition to any other remedies which the County may have, including but not limited to, any remedies at law, under the Contract or in equity.

Notwithstanding the foregoing, the Contractor shall not be liable for damages for delay in shipment or failure to deliver when such delay or failure is the result of fire, flood, strike, act of God, act of Government, act of an alien enemy or by any other circumstances which, in the County's opinion, are beyond the control of the Contractor. Under such circumstances, however, the County may, at its sole discretion, terminate or cancel the Contract effective immediately.

- **52. NON-DISCRIMINATION ASSURANCES:** The Contractor shall conform to the provisions of the Federal Civil Rights Act of 1964, as amended, as well as the Virginia Fair Employment Act of 1975, as amended, where applicable, and § 2.2-4311 of the Virginia Procurement Act:
 - a. During the performance of any Contract, the Contractor agrees as follows: the Contractor will not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, age, disability, or other basis prohibited by state law relating to discrimination in employment, except where there is a bona fide occupational qualification reasonably necessary to the normal operation of the Contractor. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause. The Contractor, in all Solicitations or advertisements for employees placed by or on behalf of the Contractor, will state that such Contractor is an equal opportunity employer. Notices, advertisements and Solicitations placed

- in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements of this Section 52.
- b. The Contractor shall include the provisions of paragraph (a) above in every subcontract or purchase over \$10,000.00 so that the provisions will be binding upon each subcontractor or Vendor.

53. MODIFICATION:

- a. Pursuant to Virginia Code § 2.2-4309, these General Conditions and any Contract entered into by the County and any Contractor shall not be subject to change, modification, or discharge except by written instrument signed by the County and Contractor, but no fixed-price contract may be increased by more than twenty-five percent (25%) of the amount of the contract or \$50,000, whichever is greater, without the advance written approval of the County's Board. In no event may the amount of any contract, without adequate consideration, be increased for any purpose, including, but not limited to, relief of an offeror from the consequences of an error in its bid or offer.
- b. The County may, but is not obligated to, extend the term of an existing contract for services to allow completion of any work undertaken but not completed during the original term of the contract.
- c. Nothing in this Section 53 shall prevent the County from placing greater restrictions on contract modifications.
- 54. INDEMNIFICATION: Contractor agrees to indemnify, keep and save harmless the County, its officers, agents, officials, employees and volunteers against any and all claims, claims of injuries, death, damage to property, patent claims, suits, liabilities, judgments, losses, costs and expenses, including but not limited to costs of investigation, all reasonable attorneys' fees (whether or not litigation results), and the cost of any appeal, occurring or arising in connection with the Contractor's, its agents', subcontractors', employees', or volunteers' negligence or wrongful acts or omissions in connection with its performance of any Contract. The Contractor shall, at his or her own expense, appear, defend and pay all charges of attorneys and all costs and other expenses arising therefrom or incurred in connection therewith; and if any judgment shall be rendered against the County in any such action, the Contractor shall, at his or her own expenses, satisfy and discharge the same. Contractor expressly understands and agrees that any performance bond or insurance protection required by any Contract, or otherwise provided by the Contractor, shall in no way limit the responsibility to indemnify, keep and save harmless and defend the County as herein provided. Nothing contained in this Solicitation or the Contract shall be deemed to be a waiver of the County's sovereign immunity.
- **55. DRUG-FREE WORKPLACE:** Pursuant to Virginia Code § 2.2-4312, in every Contract over \$10,000.00 the following provisions apply: During the performance of any Contract, the Contractor agrees to (i) provide a drug-free workplace for the Contractor's employees; (ii) post in conspicuous places, available to employees and applicants for employment, a Statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the Contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition; (iii) state in all Solicitations or advertisements for employees placed by or on behalf of the Contractor that the Contractor maintains a drug-free workplace; and (iv) include the provisions of the foregoing clauses in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.

For the purposes of this Section, "drug-free workplace" means a site for the performance of work done in connection with a specific Contract awarded to a Contractor in accordance with this the VPPA and

- the County's Procurement Procedures, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the Contract.
- **56. TERMINATION:** Contracts will remain in force for full periods specified and/or until all articles ordered before date of termination shall have been satisfactorily delivered and accepted and thereafter until all requirements and conditions shall have been met, unless:
 - a. Terminated prior to expiration date by satisfactory deliveries of entire Contract requirements;
 - b. Terminated by the County upon thirty (30) days written notice to the Contractor at the County's convenience in the County's sole discretion ("termination for convenience"), unless a termination for convenience is specifically and expressly prohibited by the Contract. Any Contract cancellation notice shall not relieve the Contractor of the obligation to deliver and/or perform on all outstanding orders issued prior to the effective date of the termination;
- c. Terminated by the County for cause, default or negligence on the part of the Contractor. However, pursuant to Section 51 of these General Conditions, the County may hold the Contractor responsible for any resulting additional purchase and administrative costs. There is no advance notice requirement in the event of Termination for Cause and termination is effective immediately upon notice to Contractor of the termination for cause;
 - d. Extended upon written authorization of County and accepted by Contractor, to permit ordering of unordered balances or additional quantities at Contract prices and in accordance with Contract terms.
 - 57. APPROPRIATIONS: Notwithstanding any other provision of any Contract, the payment of the County's obligations under any Contract shall be subject to annual appropriations by the Board of Supervisors of the County in each fiscal year of monies sufficient to satisfy the same.
 - 58. REFERENCES TO VIRGINIA LAW: Any reference in these General Conditions to the Code of Virginia or other relevant Federal, State or local law is incorporated in whole herein by reference as in effect at the time of the Solicitation or Contract as such statutory provisions may be amended or replaced by any statute dealing with the same or similar subject matter.
 - 59. COOPERATIVE PROCUREMENT: Except as prohibited by the current Code of Virginia, all resultant Contracts will be extended to other Public Bodies of the Commonwealth of Virginia, to permit their ordering of Goods, supplies and/or Services at the prices and terms of the resulting Contract ("cooperative procurement"). By submitting any Bid or entering into any Contract with the County a Bidder/Contractor expressly authorizes cooperative procurement under Virginia Code § 2.2-4304 to the full extent permitted by law. If any other public body decides to use any Contract, the Contractor must deal directly with that public body concerning all matters relating thereto, including but not limited to, the placement or orders, issuance of the purchase order, contractual disputes, invoicing and payment. The County acts only as the "Contracting Agent" for these public bodies. Any resulting contract with other public bodies shall be governed by the laws of that specific entity. It is the Contractor's responsibility to notify the public bodies of the availability of the Contract. Fluvanna County shall not be held liable for any direct or indirect costs, damages or other claim of any kind incurred by another public body or any Contractor as a result of any cooperative procurement.
 - 60. AUDIT: The Contractor hereby agrees to retain all books, records and other documents relative to any Contract for five (5) years after final payment, or until audited by the County, whichever is sooner. The

County, its authorized agents, and/or County auditors shall have full access to and right to examine any of said materials during said period.

- 61. GUARANTIES AND WARRANTIES: All guarantees, representations and warranties required shall be furnished by the Contractor and shall be delivered to the Purchasing Agent before final payment on any Contract is made. In addition to any guarantees, representations and warranties required under the Contract, the Contractor agrees to:
 - a. Save the County, its agents and employees harmless from liability of any nature or kind for the use of any copyrighted or un-copyrighted composition; secret process, patented or unpatented; invention; article or appliance furnished or used in the performance of a Contract for which the Contractor is not the patentee, assignee, licensee or owner;
 - b. Protect the County against latent defective material or workmanship and to repair or replace any damages or marring occasioned in transit or delivery;
 - c. Furnish adequate protection against damage to all work and to repair damages of any kind to the building or equipment, to the Contractor's own work or to the work of other contractors, for which the Contractor's workers are responsible;
- d. Pay for all permits, licenses and fees and give all notices and comply with all laws, ordinances, rules and regulations of the County; and
- e. Protect the County from loss or damage to County owned property while it is in the custody of the Contractor;
 - f. At minimum supply all Goods or Services with the manufacturer's standard warranty, if applicable; and
- g. For any Contract involving Services of any nature, the Contractor further agrees to:
 - i. Enter upon the performance of Services with all due diligence and dispatch, assiduously press to its complete performance, and exercise therein the highest degree of skill and competence;
 - ii. Allow Services to be inspected or reviewed by an employee of the County at any reasonable time and place selected by the County;
 - iii. Acknowledges that the County shall be under no obligation to compensate Contractor for any Services not rendered in strict conformity with the Contract; and
 - iv. Stipulates that the presence of a County Inspector shall not lessen the obligation of the Contractor for performance in accordance with the Contract requirements, or be deemed a defense on the part of the Contractor for infraction thereof. The Inspector is not authorized to revoke, alter, enlarge, relax, or release any of the requirements of any Contract. Any omission or failure on the part of the Inspector to disapprove or reject any work or material shall not be construed to be an acceptance of any such defective work or material.
- 62. PRICE REDUCTIONS: If at any time after the date of the Bid/Contract the Contractor makes a general price reduction in the comparable price of any material covered by the Contract to customers generally, an equivalent price reduction based on similar quantities and/or considerations shall apply to any Contract for the duration of the Contract period (or until the price is further reduced). Such price reduction shall be effective at the same time and in the same manner as the reduction in the price to customers generally. For purpose of this provision, a "general price reduction" shall mean any

horizontal reduction in the price of an article or service offered (1) to Contractor's customers generally, or (2) in the Contractor's price schedule for the class of customers, i.e., wholesalers, jobbers, retailers, etc., which was used as the basis for bidding on this Solicitation. An occasional sale at a lower price, or sale of distressed merchandise at a lower price, would not be considered a "general price reduction" under this provision. The Contractor shall submit his or her invoice at such reduced prices indicating on the invoice that the reduction is pursuant to the "Price Reduction" provision of the Contract documents. The Contractor in addition will within ten (10) days of any general price reduction notify the County of such reduction by letter. FAILURE TO DO SO IS A DEFAULT UNDER THE CONTRACT AND MAY RESULT IN TERMINATION OF THE CONTRACT IN THE COUNTY'S DISCRETION. The Contractor, if requested, shall furnish, within ten (10) days after the end of the Contract period, a statement certifying either (1) that no general price reduction, as defined above, was made after the date of the Bid or Contract, or (2) if any such general price reductions were made, that as provided above, they were reported to the County within ten (10) days and the County was billed at the reduced prices. Where one or more such general price reductions were made, the statement furnished by the Contractor shall include with respect to each price reduction (1) the date when notice of any such reduction was issued. (2) the effective date of the reduction, and (3) the date when the County was notified of any such reduction.

- 63. COMPLIANCE WITH IMMIGRATION LAW: Pursuant to Virginia Code § 2.2-4311.1, in every Contract the following provision applies: the Contractor does not, and shall not during the performance of the Contract, knowingly employ an unauthorized alien as defined in the federal Immigration Reform and Control Act of 1986.
- 64. VIRGINIA STATE CORPORATION COMMISSION: Pursuant to Virginia Code § 2.2-4311.2, Any Bidder or Contractor organized as a stock or non-stock corporation, limited liability company, business trust, or limited partnership or registered as a registered limited liability partnership shall be authorized to transact business in the Commonwealth as a domestic or foreign business entity if so required by Title 13.1 or Title 50 of the Code of Virginia, or as otherwise required by law, at the time of the Bid, Proposal or any response to Solicitation and during the term of the Contract and any Contract renewal. The Contractor shall not allow its existence to lapse or its certificate of authority or registration to transact business in the Commonwealth, if so required, to be revoked or cancelled at any time during the term or any renewal of the Contract. If the Contractor fails to remain in compliance with the provisions of this Section 64, the Contract may become void at the option of the County.

65. CLAIMS PROCEDURE:

- a. The procedure for consideration by the County of contractual claims for any Contract shall be that set forth in Virginia Code § 15.2-1243, et seq.
- b. In addition, pursuant to Virginia Code § 2.2-4364, contractual claims, whether for money or other relief, shall be submitted in writing to the County Administrator no later than sixty (60) days after final payment; however, written notice of the Contractor's intention to file such claim shall have been given at the time of the occurrence or beginning of the work upon which the claim is based. Nothing herein shall preclude a Contract from requiring submission of an invoice for final payment within a certain time after completion and acceptance of the work or acceptance of the Goods. Pendency of claims shall not delay payment of amount agreed due in the final payment.
- c. No written decision denying a claim or addressing issues related to the claim shall be considered a denial of the claim unless the written decision is signed by the Board or the County Administrator. The contractor may not institute legal action prior to receipt of the final written decision on the claim unless the County fails to render a decision within ninety (90) days of

submission of the claim. Failure of the County to render a decision within ninety (90) days shall not result in the contractor being awarded the relief claimed or in any other relief or penalty. The sole remedy for the County's failure to render a decision within 90 days shall be the contractor's right to institute immediate legal action.

- d. A Contractor may not institute legal action, prior to receipt of the County's decision on the claim, unless the County fails to render such decision within the time specified by law. A failure by the County to render a decision within the time provided by law shall be deemed a final decision denying the claim by the County.
- e. The decision of the Board or the County Administrator shall be final and conclusive unless the Contractor appeals within six (6) months of the date of the final written decision by instituting legal action as provided in Virginia Code § 2.2-4364.
- f. No administrative appeals procedure pursuant to Virginia Code § 2.2-4365 has been adopted for contractual claims by the County.
- g. Nothing herein shall be construed to prevent the County from instituting legal action against any Contractor or Bidder.
- 66. NOTICES: All written notices required or permitted under any Solicitation, Bid or Contract shall be deemed sufficient if delivered in person to the County Purchasing Agent or Bidder/Contractor, as applicable, or sent by first class mail to the County or Bidder/Contractor at the addresses set forth in the Solicitation, Bid or Contract or at such other address as a party may designate from time to time by notice given in accordance with the terms of this Section 66; except that where a Solicitation, Bid or Contract expressly requires notice to a specific individual or at a specific location, such shall control. Such notices are deemed received when actually delivered to the party or its representative or agent if hand delivered, or one (1) business day after deposited into the United States mail, if mailed.

DELIVERY

- 67. SHIPPING INSTRUCTIONS-CONSIGNMENT: Unless otherwise specified in the Solicitation or Contract, as applicable, each case, crate, barrel, package, etc., delivered under the Contract must be plainly stenciled or securely tagged, stating the Contractor's name, purchase order number, and delivery address as indicated in the order. Where shipping containers are to be used, each container must be marked with the purchase order number, name of the Contractor, the name of the item, the item number, and the quantity contained therein. Deliveries must be made within the hours of 8:00 a.m. 3:00 p.m. Deliveries at any other time will not be accepted unless specific arrangements have been previously made with the designated individual at the delivery point. No deliveries will be accepted on Saturdays, Sundays and holidays unless previous arrangements have been made. It shall be the responsibility of the Contractor to insure compliance with these instructions for items that are drop-shipped.
- 68. RESPONSIBILITY FOR SUPPLIES TENDERED: The Contractor shall be responsible for the materials or supplies covered by the Contract until they are delivered at the designated point. The Contractor shall additionally bear all risk on rejected materials or supplies after notice of rejection is tendered by the County. Rejected materials or supplies must be removed by and at the expense of the Contractor promptly after notification of rejection, unless public health and safety require immediate destruction or other disposal of rejected delivery. If rejected materials are not removed by the Contractor within ten (10) days after date of notification, the County may return the rejected materials or supplies to the Contractor at the Contractor's risk and expense or dispose of them as abandoned property.

- 69. INSPECTIONS: The County reserves the right to conduct any test/inspection it may deem advisable to assure supplies and Services conform to the specification in the Solicitation, Bid or Contract, as applicable. Inspection and acceptance of materials or supplies will be made after delivery at destinations herein specified unless otherwise stated. Unless otherwise specified in the Contract, if inspection is made after delivery at the destination specified, the County will bear the expense of inspection except for the value of samples used in case of rejection. Final inspection shall be conclusive except in regard to latent defects, fraud or such gross mistakes as to amount to fraud. Final inspection and acceptance or rejection of the materials or supplies will be made as promptly as practicable, but failure to inspect and accept or reject materials or supplies shall not impose liability on the County for such materials or supplies as are not in accordance with the specifications.
- 70. COMPLIANCE: Delivery must be made as ordered and in accordance with the Solicitation, Bid or Contract, as applicable, or as directed by the County when not in conflict with the Bid/Contract. The decision as to reasonable compliance with delivery terms shall be final. Burden of proof of delay in receipt of Goods by the purchaser shall rest with the Contractor. Any request for extension of time of delivery from that specified must be approved by the County, such extension applying only to the particular item or shipment affected. Unless otherwise specified in the Contract, should the Contractor be unreasonably delayed by the County, there shall be added to the time of completion a time equal to the period of such delay caused by the County. However, the Contractor shall not be entitled to claim damages or extra compensation for such delay or suspension. These conditions may vary for construction Contracts.
- 71. POINT OF DESTINATION: All materials shipped to the County must be shipped F.O.B. DESTINATION unless otherwise stated specifically in the Solicitation, Bid or Contract, as applicable. The materials must be delivered to the "Ship To" address indicated on the purchase order or Solicitation, as applicable.
- 72. **REPLACEMENT:** Materials or components that have been rejected by the County, in accordance with the terms of the Contract, shall be replaced by the Contractor at no cost to the County.
- 73. DAMAGES: Any and all damages to property of the "County" that is the direct result of the Contractor, the employees of the Contractor and/or its subcontractors, agents, licensees, successors, or assigns, shall be the sole responsibility of the Contractor. The property shall be repaired to its last known condition prior to the damages and/or replaced at no cost to the County. The County shall approve any and all repairs/replacements prior to acceptance of the repairs/replacement.
- 74. PACKING SLIPS OR DELIVERY TICKETS: All shipments shall be accompanied by Packing Slips or Delivery Tickets and shall contain the following information for each item delivered:
 - a. Purchase Order Number;
 - b. Name of Article and Stock Number;
 - c. Quantity Ordered;
 - d. Quantity Shipped;
 - e. Quantity Back Ordered; and
 - f. The Name of the Contractor.

Contractors are cautioned that failure to comply with these conditions shall be considered sufficient reason for refusal to accept the Goods.

- 75. ADDITIONAL CHARGES: No delivery charges of any kind shall be added to any invoice; except that (i) if Goods are expressly bought F.O.B. "shipping point" under the Contract and the Contractor prepays transportation, then delivery charges shall be added to invoices; and (ii) if express delivery is authorized and substituted by the County on orders for the method specified in the Contract, then the difference between freight or mail and express charges may be added to invoice.
- 76. METHOD AND CONTAINERS: Unless otherwise specified, Goods shall be delivered in commercial packages in standard commercial containers, so constructed as to ensure acceptance by common or other carrier for safe transportation to the point of delivery. Containers become the property of the County unless otherwise specified by bidder.

VENDOR DATA SHEET

Note: The following information is required as part of your response to this solicitation. Failure to complete and provide this sheet may result in finding your bid nonresponsive.

contractual requirements.	e capability and capacity in all respects to satisfy fully all of the
2. Vendor's Primary Contact:	Phone:
3. Years in Business: Indicate the length of service:	of time you have been in business providing this type of good or
Years Months	
4. Vendor Information:	
FIN or FEI Number:	If Company, Corporation, or Partnership
	current or recent accounts, either commercial or governmental, that r has provided similar goods. Include the length of service and the point of contact.
Company:	Contact:
Phone:	Email:
Dates of Service:	\$\$ Value:
Company:	Contact:
Phone:	Email:
Dates of Service:	\$\$ Value:
Company:	Contact:
Phone:	Email:
Dates of Service:	\$\$ Value:
Company:	Contact:
Phone:	Email:
Dates of Service:	\$\$ Value:
I certify the accuracy of this information.	
Signed:	Title:Date:

PLEASE RETURN THIS PAGE WITH BID SUBMISSION - [REQUIRED]

PROOF OF AUTHORITY TO TRANSACT BUSINESS IN VIRGINIA

THIS FORM MUST BE SUBMITTED WITH YOUR PROPOSAL/BID. FAILURE TO INCLUDE THIS FORM MAY RESULT IN REJECTION OF YOUR PROPOSAL/BID

Pursuant to Virginia Code §2.2-4311.2, an Offeror/Bidder organized or authorized to transact business in The Commonwealth pursuant to Title 13.1 or Title 50 of the Code of Virginia shall include in its proposal/bid the identification number issued to it by the State Corporation Commission ("SCC"). Any Offeror/Bidder that is not required to be authorized to transact business in the Commonwealth as a foreign business entity under Title 13.1 or Title 50 of the Code of Virginia or as otherwise required by law shall include in its proposal/bid a statement describing why the Offeror/Bidder is not required to be so authorized. Any Offeror/Bidder described herein that fails to provide the required information shall not receive an award unless a waiver of this requirement and the administrative policies and procedures established to implement this section is granted by the County Administrator, as applicable. If this quote for goods or services is accepted by the County of Fluvanna, Virginia, the undersigned agrees that the requirements of the Code of Virginia Section 2.2-4311.2 have been met. Please complete the following by checking the appropriate line that applies and providing the requested information. PLEASE NOTE: The SCC number is NOT your federal ID number or business license number. Offeror/Bidder is a Virginia business entity organized and authorized to transact business in Virginia by the SCC and such vendor's Identification Number issued to it by the SCC is Offeror/Bidder is an out-of-state (foreign) business entity that is authorized to transact business in Virginia by the SCC and such vendor's Identification Number issued to it by the SCC is C. Offeror/Bidder does not have an Identification Number issued to it by the SCC and such vendor is not required to be authorized to transact business in Virginia by the SCC for the following reason(s): Please attach additional sheets if you need to explain why such Offeror/Bidder is not required to be authorized to transact business in Virginia. Legal Name of Company (as listed on W-9) Legal Name of Offeror/Bidder Authorized Signature Print or Type Name and Title

PLEASE RETURN THIS PAGE WITH BID SUBMISSION - [REQUIRED]

CERTIFICATION OF NO COLLUSION , does hereby certify in connection with The undersigned, acting on behalf of the procurement and proposal to which this Certificate of No Collusion is attached that: This bid is not the result of, or affected by, any act of collusion with another person engaged in the same line of business or commerce; nor is this bid the result of, or affected by, any act of fraud punishable under Article 1.1 of Chapter 12 of Title 18.1 of the Code of Virginia, 1950, as amended (18.2-498.1 et seq.). Respectfully submitted this ______ day of _______, 20____. Complete if Bidder is an Entity: WITNESS the following duly authorized signature and seal: Name of Entity: ______(SEAL) Signature Signat Print Name: f Offerant Richer diegs not layer on Identification Manufacture is made in STATE OF _______ to-wit: The foregoing instrument was acknowledged before me this ____ day of _____ (month), (Print Name), (year) (Print Title) on behalf of ______ (Name of Entity). Notary Public My commission expires: Notary registration number: Complete if Bidder is a Sole Proprietor: Witness the following signature and seal: ____(SEAL) Signature Print Name: STATE OF _______ to-wit: The foregoing instrument was acknowledged before me this ____ day of _____ _(year) by _____(Print Name), a sole proprietor. [SEAL] Notary Public My commission expires: Notary registration number:

PLEASE RETURN THIS PAGE WITH BID SUBMISSION - [REQUIRED]

OFFEROR STATEMENT

The undersigned Bidder hereby certifies that the Bidder has carefully examined all instructions, plans, conditions, specifications and other documents or items of this Invitation for Bid and hereby submits this bid pursuant to such instructions, plans, conditions, specifications and other documents or items.

Complete if Bidder is an Entity:

WITNESS the following duly authorized signature and seal:			
Name of Entity:			
By: (SEAL)			
By:(SEAL) Signature			
Print Name:			
Print Title:			
STATE OF to with			
COUNTY/CITY OF, to-wit:			
The foregoing instrument was acknowledged before me this	day of		(month),
(year) by		(D : .	_ `., (
(Print Title) on behalf of		(11111)	(Name of
Entity).			_ (14ame of
Notary Pub	lic	[SEAL]	
My commission expires:	7		
Notary registration number:			
Complete if Bidder is a Sole Proprietor:			
Witness the following signature and seal:			
(SEAL)			
Signature			
Print Name:			
STATE OF			
COUNTY/CITY OF . to-wit:			
The foregoing instrument was acknowledged before me this	day of		(month),
(year) by	(Print Name)), a sole propr	ietor.
	([SEAL]	
Notary Pub.		[]	
My commission expires:			
Notary registration number:			

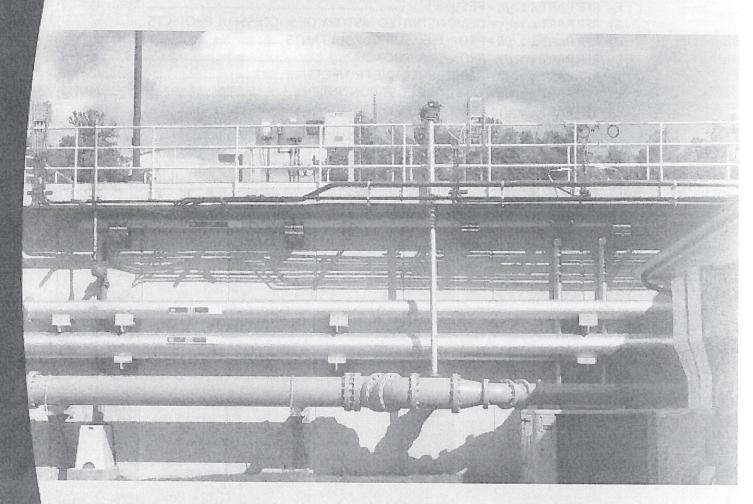
PLEASE RETURN THIS PAGE WITH BID SUBMISSION - [REQUIRED]

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Proposal for the County of Fluvanna, Virginia Request for Proposals (RFP) #2019-02 SCADA Services



E-Merge Systems, Inc.

A professional engineering firm with offices in Virginia, Maryland & Delaware; providing service nationwide!

CELEBRATING 22 YEARS OF SERVICE!

Main Office: 1314 East Cary Street, Richmond, Virginia 23219
Tel: 804.344.3511 ◆ Fax: 800.608.6039 ◆ www.emergesystems.com
Virginia Class A General Contractor, License No. 2705147625

Exhibit Z



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NON-DISCLOSURE: THIS DOCUMENT IS INTENDED FOR USE ONLY BY CLIENT PERSONNEL IN CONJUNCTION WITH THE PROPOSAL REVIEW PROCESS FOR THIS PROJECT. IDEAS, CONCEPTS OR CONTENT CONTAINED IN THIS DOCUMENT SHALL NOT BE SHARED OR DISCLOSED TO OTHER PERSONNEL OR COMPANIES WITHOUT PRIOR WRITTEN APPROVAL FROM E-MERGE SYSTEMS, INC.



1. PROPOSAL REQUIREMENTS

A) RFP PART 4.2.1 - COVER LETTER

Cyndi Toler, Fluvanna County Purchasing Officer P.O. Box 540, 123 Main Street Palmyra, VA 22963

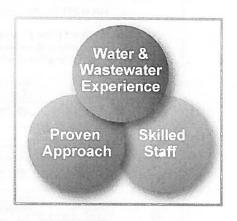
Dear Ms. Toler,

E-Merge is pleased to provide Fluvanna a proposal for SCADA Services RFP number 2019-02. We're an integration company, providing municipal water/wastewater SCADA through task order-based contracts since 1997. With offices in Virginia, Maryland and Delaware, we focus on the Mid-Atlantic region. Our experienced team will provide the ideal management and technical skills to assure success. This contract will aid Fluvanna in providing reliable utility services to your customers for years to come. Here's what E-Merge offers:

WATER & WASTEWATER EXPERIENCE – E-Merge offers a comprehensive understanding of plant process optimization, design, programming and startup services related to I&C, SCADA, and IT. Our proven methodologies allowed us to successfully implement over 1000 projects, large and small.

PROVEN APPROACH – We have many years' experience managing task order-based contracts and as a result, have developed a project management process tailored to this delivery method. We look forward to you meeting Project Manager, David Cunningham, who brings unparalleled enthusiasm for success to our team!

SKILLED STAFF — Our team has solid experience with a variety of SCADA platforms including Rockwell FactoryTalk, InTouch Wonderware and GE iFIX/Cimplicity to name a few. PLC platforms include Allen-Bradley ControlLogix, CompactLogix, GE VersaMax, 90-30/60, RX3i, Schneider Quantum and M340 among others. We have a deep bench of specialists and our services are delivered locally from our Richmond, VA office.



PARTNERSHIP – Economy is important, and we understand that cost matters to you and your rate-payers. We also understand the challenges of both large and small municipal clients and can help you with the cost-benefit analysis between a bare-bones installation and one that maintains your system with a small staff, keeping operating costs low. We'll discuss your priorities and partner with you, offering knowledge gained from years of successful implementation. We've worked with a wide range of Virginia municipal clients, from smaller localities like New Kent County to larger ones like Spotsylvania County and the City of Richmond. We want to leverage this knowledge for your benefit.

Our entire team looks forward to partnering with Fluvanna as you set the stage for a strong and stable utility infrastructure. By selecting our team, you'll have deep qualifications, a large pool of technical expertise, solid client references, and established financial stability that delivers proven results.

If you have any questions, please call (804) 344-3511 or email <u>ihuja@emergesystems.com</u>. I look forward to speaking with you!

Sincerely;

Inderdeep S. Huja



B) RFP PART 4.2.2 - FORMS

VENDOR DATA SHEET

Note: The following information is required as part of your response to this solicitation. Failure to complete and provide this sheet may result in finding your bid nonresponsive.

	imary Contact:	Phone: 804,338,2728	
3. Years in Bi	usiness: Indicate the length of tin	ne you have been in business providing this type	of good or
service:			
22 Y	ears 3 Months		
Vandor Info	rmation:		
. V CHOOL HILO	illation.		
IN or FEI Nu	mber: 52-2015770	If Company, Corporation, or Partne	ership
company:	and telephone number of the poin	Contact: Mr. James Genlan	
Phone:	804.661.0111	Email: [gordon@sewwa.org	
Dates of Servi	CC: 1996 - Present	SS Value: \$1,4M Cumulative Value	
Company:	Chesterlield County VA DPU	Contact: Ms. Anne Wright	16
Phone:	804,768,7582	Email: wrightin@ehesterfield.gev	and province of the parties of the section
Dates of Servi	ce: 1999 - Present	SS Value: \$1.1M	
Company:	New Kent	- Contact: Mr. Hareld Jones	
	804.966.9678 a, 804.317.1853 m	Email: hrjones@newkent-ve.us	
Phone:	CC: 2005 - Present	\$\$ Value: \$2.8M Cumulative Value	
and the second second second second second second		MEAN A PART OF THE PERMIT OF THE PART OF THE	
Dates of Servi	Cantachanin County Va 1986-	Contacts Mr Chris Edunates	
Dates of Servi Company:	Spetsylvania County Va Utilities	Contact: Mr. Chris Edwards Contact: codynada@condsidentala.va.us	
Company: Phone:	540.507,7304	Email: codwards@spatsylvania.va.us	
Dates of Servi Company: Phone: Dates of Servi			Dute

29



PROOF OF AUTHORITY TO TRANSACT BUSINESS IN VIRGINIA

THIS FORM MUST BE SUBMITTED WITH YOUR PROPOSAL/BID. FAILURE TO INCLUDE THIS FORM MAY RESULT IN REJECTION OF YOUR PROPOSAL/BID

Pursuant to Virginia Code §2.2-4311.2, an Offeror/Bidder organized or authorized to transact business in The Commonwealth pursuant to Title 13.1 or Title 50 of the Code of Virginia shall include in its proposal/bid the identification number issued to it by the State Corporation Commission ("SCC"). Any Offeror/Bidder that is not required to be authorized to transact business in the Commonwealth as a foreign business entity under Title 13.1 or Title 50 of the Code of Virginia or as otherwise required by law shall include in its proposal/bid a statement describing why the Offeror/Bidder is not required to be so authorized. Any Offeror/Bidder described herein that fails to provide the required information shall not receive an award unless a waiver of this requirement and the administrative policies and procedures established to implement this section is granted by the County Administrator, as applicable. If this quote for goods or services is accepted by the County of Fluvanna, Virginia, the undersigned agrees that the requirements of the Code of Virginia Section 2.2-4311.2 have been met.

Please complete the following by checking the appropriate line that applies and providing the requested information. PLEASE NOTE: The SCC number is NOT your federal ID number or business license number. Offeror/Bidder is a Virginia business entity organized and authorized to transact business in Virginia

by the SCC and such vendor's Identification Number issued to it by the SCC is

B. . Offeror/Bidder is an out-of-state (foreign) business entity that is authorized to transact business in Virginia by the SCC and such vendor's Identification Number issued to it by the SCC is F178001-7

Offeror/Bidder does not have an Identification Number issued to it by the SCC and such vendor is not required to be authorized to transact business in Virginia by the SCC for the following reason(s):

Please attach additional sheets if you need to explain why such Offeror/Bidder is not required to be authorized to transact business in Virginia.

Legal Name of Company (as listed on W-9) E-Morpe Systems, Inc.

Legal Name of Offeror/Bidder

Date 94.24.2018

Authorized Signature

Print or Type Name and Title

E-Morge Systems, Inc.

PLEASE RETURN THIS PAGE WITH BID SUBMISSION - [REQUIRED]



CERTIFICATION OF NO COLLUSION	
The undersigned, acting on behalf of E-Morge Systems, Inc. , does hereby the procurement and proposal to which this Certificate of No Collusion is attached the	certify in connection with at:
This bid is not the result of, or affected by, any act of collusion with another person business or commerce; nor is this bid the result of, or affected by, any act of fraud por Chapter 12 of Title 18.1 of the Code of Virginia, 1950, as amended (18.2-498.1 et	nunishable under Article 1.1
Respectfully submitted this 24th day of April , 20 19	
Complete if Bidder is an Entity: WITNESS the following duly authorized signature and seal:	
Name of Entity: E-Merge Systems, Inc. By: Signature Print Name: Interdeep S. Hujis Print Title: President	
STATE OF Verificial COUNTY/CITY OF Richmond , to-wit:	
The foregoing instrument was acknowledged before me this 24th day of 2019 (year) by Indendomp S. Hula President (Print Title) on behalf of E-Morge Systems, Inc. Entity).	May (month). Name), (Name of
My commission expires: 05.31.2020 Notary registration number: 143867 Complete if Bidder is a Sole Proprietor: Witness the following signature and seal:	Cynthia Bradley Spain NOTARY PUBLIC Commonwealth of Virginia Reg. # 143867 My Commission Expires May 31, 2020
Signature Print Name:	
STATE OF COUNTY/CITY OF	(month), ne), a sole proprietor. [SEAL]
My commission expires: Notary registration number:	Err von gang

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PLEASE RETURN THIS PAGE WITH BID SUBMISSION - [REQUIRED]



OFFEROR STATEMENT

The undersigned Bidder hereby certifies that the Bidder has carefully examined all instructions, plans, conditions, specifications and other documents or items of this Invitation for Bid and hereby submits this bid pursuant to such instructions, plans, conditions, specifications and other documents or items.

Complete if Bidder is an Entity:

WITNESS the following duly authorized signature and seal:

Name of Entity: E-Morge Systems Inc.			
Signature (SEAL)			
rint Name; Inderdeep S. Huja			
rint Pitle: Provident			echan prese
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OUNTY/CITY OF Richmond to-wit:			
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resident (Print Title) on behalf of 8-Merge Systems, Inc.		(Print	Name),
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C) RFP PART 4.2.3/1 - ADDENDA ACKNOWLEDGEMENTS

No addenda have been issued.

D) RFP PART 4.2.3/2 - SCOPE OF SERVICES (RFP PART 3)

Text of RFP PART 4.2.3/2: A detailed response to all requirements, general, specific, functional and technical as defined within this RFP (see Section 3 "Scope of Services").

Text of RFP PART 3: Scope of Services – Fluvanna County is seeking written proposals from qualified firms to provide SCADA computer systems, including PLC programming services for multiple projects...

Understanding of the Scope of Services

This section presents our understanding of the project requirements and general approach to provide SCADA systems with PLC programming services for multiple projects including tasks related to the Zion Crossroads Water and Sewer Project, county water and wastewater treatment plants, pump stations and other facilities as applicable.

Fluvanna has issued this RFP to fulfill various needs. First and foremost, the county needs a knowledgeable and responsive partner to help develop and maintain a new SCADA system across various facilities. The following are identified as core capabilities needed from this partner:

Extensive experience with Allen Bradley, GE and Schneider automation platforms
Extensive experience with telemetry or communication technology such as radio of central
Experience with construction and installation of control panels and RTUs
Experience in water and wastewater domain space to incorporate process improvements
Local responsive expertise to address or respond to multiple work orders concurrently

Considering the core requirements, we feel E-Merge brings a unique skill set, not only to support the platforms and technologies mentioned in the RFP, but also to evaluate and recommend appropriate technologies to fulfill Fluvanna's long-term vision. Here's where we excel:

- Certified solution provider for Allen Bradley, GE & Schneider in automation platforms
- ☑ Full-service solution partner for a spread spectrum radio vendor and an enterprise partner for Verizon Wireless
- All control panels are constructed in a UL-508 certified panel shop
- ☑ We're celebrating our 22nd year of water and wastewater process experience! Our 1st water/wastewater customer (ARWA) has remained our customer continually for 22 years!
- ☑ We offer a solid team of fully qualified local engineers

ONE STOP SHOP FOR I&C AND TELEMETRY SYSTEMS

- SCADA / PLC / HMI / DCS Programming
- Virtualization
- Cyber Security
- Secure Wireless Private Networks
- Control Panel Design, Build & Commissioning
- On-time, On-budget Project Delivery
- Telemetry / Distribution Systems
 - RTUs, Radio, Cellular 3G/4G

- Client-server & Web-enabled Solutions
- Networking & Fiber Optics
- Training, Startup and Commissioning
- Minority Owned & Operated Small Business
- VA SWaM Certified / MD SBR Certified
- Professional Engineers Licensed in VA, MD & DE
- Microsoft Certified in database development and networking



ESTABLISHED RELATIONSHIPS WITH MAJOR INDUSTRIAL AUTOMATION PROVIDERS



















PREMIER SOLUTIONS
PARTNER

1 of 23 Partners

Worldwide!







E-Merge offers a unique breadth of support for tasks requiring expertise beyond what's identified in the RFP, including virtualization, cybersecurity, networking, process/business network segregation, process optimization, alarm management and various reporting needs.

Our staff of qualified local engineers can address regular maintenance, desired changes to the system, and, if needed, emergency troubleshooting. Our approach relies on the proven strengths of our project manager, technical resources, and the entire project team.



E) RFP PART 4.2.3/3 - OVERVIEW

Text of RFP PART 4.2.3/3: Overview – The purpose of this section is to provide Fluvanna County with an overview of the history, qualifications and abilities of the Offeror's firm and for the Offeror to demonstrate the specific qualifications of the staff the Offeror will assign to this project if selected. At a minimum, the proposal should: (i) Designate a Project Manager and indicate office location; (ii) Include the organization chart, functional discipline, and responsibilities of project team members.)

E-Merge is a service and solutions provider working with customers to optimize system performance through innovative engineering.

"We appreciate the hard work and efforts they have put forth to bring our utility system into the 21st century We are very pleased with the staff and look forward to an ongoing working relationship with them" – **Harold Jones, New Kent County**

HISTORY: Founded January 31, 1997, E-Merge follows a growth philosophy of building relationships one customer at a time. In the last 22 years, we've successfully executed over 1000 projects. The testament to our success is repeat business. Key factors to retaining customers include our responsiveness to customer needs, quality of services and solutions delivered with great attention to detail.

ORGANIZATION: We're an Asian-American owned small business employing a team of 26 full-time professionals between 5 Mid-Atlantic offices. A privately held corporation, we're not at the mercy of investors.

cultural values: A key factor that distinguishes our firm is the set of cultural values by which E-Merge is driven. Our engineers are authentic, helpful, humble, and invested in the success of our clients. Innovative approaches yield a stream of new assignments and market opportunities. Providing engineers and technicians with on-the-job development, skills training and coaching from our senior team of subject matter experts, nurtures professional growth.

With many decades of combined experience in specifying, designing, and implementing open architecture systems for a wide variety of industries, a key advantage of E-Merge is our ability to provide leadership and technical support for all project phases from conception through startup.

TALENT: With <u>over 22 years of successful municipal water and wastewater SCADA experience</u>, we are *a local firm* that is uniquely qualified to fulfill Fluvanna County's needs for years to come.

Guided by Senior Advisor, Janardan Lal, the day-to-day project management duties will be executed by David Cunningham, based in our Richmond Virginia office. David will be a working manager, frequently engaged in hands-on engineering responsibilities, but also coordinating resources to ensure the needs of all projects are fully met. We have 24 engineers and technicians working full-time at E-Merge. With 5 offices in the region, our pool of engineers and technicians offer an array of skills to support Fluvanna's needs on multiple simultaneous projects.



ORGANIZATIONAL CHART

(with functional disciplines and responsibilities)

Reference RFP Parts 4.2.3 (i) & (ii)

PROJECT MANAGEMENT

Janardan Lal – Senior Advisor David Cunningham – Project Manager

BUSINESS ANALYSIS:

Inderdeep Huja – President & QA/QC David Levy – Cost Analysis

PRODUCT DEVELOPMENT

Controls Engineering
David Cunningham
Felipe Nascimento
Arjan Kool
Man Bhujel
Resource Pool 20 Engineers

IT Engineering Chris Johnson Felipe Nascimento Don Li

QUALIFICATIONS: Fluvanna's RFP mentions, by way of example, several software platforms which might be used:

- GE's Cimplicity
- Allen-Bradley's Rockwell
- Schneider's Wonderware

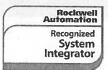
E-Merge is technology agnostic, which is to say that we're not tied to a single vendor or software, we're strong in each of the listed platforms and many others as well.



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Worldwide!

GE Partnership

We're one of 23 GE Premier Solutions Partners in the world. Find our partner status here: http://www.geautomation.com/solution-partners



Allen-Bradley's Rockwell Certification

We're a Rockwell Certified Systems Integrator (RcSI). Rockwell is an icon in the water/wastewater industry - See our certification here: http://www.software.rockwell.com/corporate/sp/RASIDetail.cfm?CompanyID=11495



Schneider Partnership

E-Merge is a Schneider Electric Alliance Partner. Find our partner status here: https://www.schneider-electric.com/en/locator/

You may also wish to consider the very cost-effective Ignition software provided by Inductive Automation as an alternative software solution. E-Merge is a Registered Integrator with Inductive Automation. Download today at http://www.TryIgnition.com. A few advantages of Ignition are:

- Unlimited Licensing: Everything you need for one affordable price. Buy one server license and get an unlimited number of clients, connections, tags and possibilities.
- Security and Stability: Create a secure, reliable control system using modern security protocols and a unified architecture with built-in redundancy.
- **Easy Expandability**: A flexible modular architecture built upon modern IT standards designed to perfectly fit you company's needs.

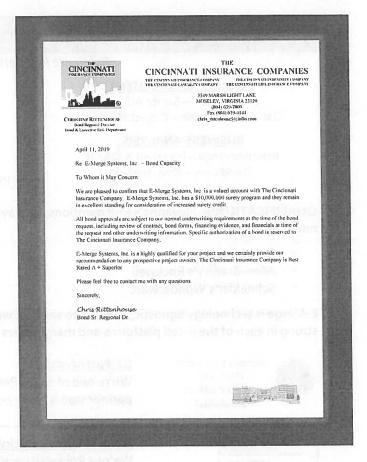


FINANCIAL STABILITY & PERFORMANCE: E-Merge has been profitable every year since inception and we're completely debt free.

Lines of credit allow for managed growth. Flat management structure, low overhead, & fiscal conservatism have proven fundamental to the financial stability of the firm.

Surety services are provided by The Cincinnati Insurance Company (Best Rated A + Superior). Our aggregate bonding capacity of \$10,000,000 and single project cap of \$5,000,000 with excellent standing for consideration of increased surety credit are key indicators of our proven financial stability. Certified financial statements are available upon request.

LOCATIONS: E-Merge currently has offices in Virginia, Maryland and Delaware. Although our offices are in the Mid-Atlantic, we have executed projects nationally and internationally. These offices often come together and work closely with one another to complete projects at the highest possible quality. The Fluvanna work will be handled by our Richmond, Virginia office.







F) RFP PART 4.2.3/4 - RESUMES

Our core asset is our engineers. E-Merge maintains a highly skilled staff of managers, technicians and engineers, including electrical, mechanical, chemical, IT and computer science disciplines with a track record of successful complex systems management and development. Our main office houses administrative personnel committed to furthering E-Merge's success. In our business, in the end, "it's about people". We feel we hire and retain the best and most professional personnel in our industry.

We have 24 engineering professionals working full-time at E-Merge. With 5 offices in the region, our available pool gives us all the resources needed to support Fluvanna's needs on multiple simultaneous projects.

Our proposed team for Fluvanna includes the following team members:

ORGANIZATIONAL CHART

Reference RFP Parts 4.2.3 (i) & (ii)

PROJECT MANAGEMENT

Janardan Lal – Senior Advisor David Cunningham – Project Manager

BUSINESS ANALYSIS:

Inderdeep Huja – President & QA/QC David Levy – Cost Analysis

PRODUCT DEVELOPMENT

Controls Engineering
David Cunningham
Felipe Nascimento
Arjan Kool
Man Bhujel
Resource Pool 20 Engineers

IT Engineering Chris Johnson Felipe Nascimento Don Li

Please see Appendix B for team resumes. Resume's for our full pool of engineers are available on request.



G) RFP PART 4.2.3/5 - DEMONSTRATED HISTORY OF SUCCESSFUL PROJECTS

Text of RFP PART 4.2.3/5: Demonstrated History of Successful Projects - Discuss the Offeror's ability to work in harmonious, non-adversarial relationships with Fluvanna County and their agents. The personnel named in the proposal shall remain assigned to the project throughout the period of the contract unless requested to be replaced by the County. If the County requests an individual to be replaced (including any personnel of any sub-contractor), the Offeror shall do so within 30 days of the request, and without any additional charge to Fluvanna County. No replacement may be made without submission of a resume of the proposed replacement for approval by The County.

E-Merge has successfully demonstrated our history of successful projects by maintaining relationships with our municipal clients for many years. Our first municipal client, Appomattox River Water Authority (ARWA) & their sister organization, South Central Wastewater Authority (SCWWA) have been our clients for each of the 22 years we've been in business. This is the finest testimonial we can give to our ability to work harmoniously. We have many other long-term clients and have worked in the municipal water/wastewater market for each of our 22 years. Here are a few of our municipal customers:

MUNICIPAL WATER/WASTEWATER SCADA CONTRACTS

- ARWA & SCWWA, Petersburg, VA
- Anne Arundel County, MD
- ♦ Chesterfield County, VA
- Culpepper, VA (Town & County)
- Hanover County, VA
- Loudoun County, VA

- Town of Middleburg, VA
- New Kent County, VA
- Prince William County Service Authority
- ♦ City of Richmond, VA
- Spotsylvania County, VA
- Suez Water (Managing Stanton, DE WTP)

Our portfolio includes a wide array of market sectors, from the newest intelligent transportation project to the local brewery who's excited to integrate an older machine into their new bottling line. From unique industrial automation projects on the factory floor to a local utility with challenging infrastructure to support. We take joy in showcasing each project and count every client as a key member in our dynamic team. Client contact details are in the sampling of project summaries which follow, and we encourage you to call and allow them to share their successes!

Our clients are as diverse as our technology, but all have earned our fervent respect and attention. Fortune 100 companies such as Procter & Gamble, PepsiCo, and Frito-Lay are honored with the same enthusiasm and dedication as a local utility or smaller enterprise that needs an occasional helping hand.

We welcome you to add your project to the growing list of E-Merge success stories!

OTHER PROJECTS

- ◆ Air Liquide Biogas Controls
- Anheuser-Busch (via Intralox) Material Handling
- Confidential Pharmaceutical Manufacturers
- Cott Beverages Packaging, Material Handling & Conveyor Control
- Dow Chemical Company Process Automation
- HII/Newport News Shipbuilding Multi-Axis Robotics System
- ◆ Fareva Process Automation
- Intralox Conveyor Control/Material Handling
- Sabra MES & Analytics
- UPS (via Intralox) Material Handling
- Wako Chemicals Control System Integration
- Washington Gas Company Integration of Disparate Platforms – Virtualization

Sample projects are included below for your consideration.





Highlighted Project/Dates/Value Network Hardware-Software Upgrade (2014-15) / \$350,000

Key Staff (All Projects)
Janardan Lal
Andrew Jackson
Chris Johnson
Felipe Nascimento
Ben Lape

Client Reference
James C. Gordon, Assistant Executive
Director, ARWA and SCWWA
21300 Chesdin Road
Petersburg, Virginia 23803
804.590.1145
jgordon@scwwa.org

Other Projects

- Filter Upgrade 17-32 (2018-Present)
- Network Upgrade Phase II (2018)
- Network Upgrade Phase I (2018)
- RWPS1 & FWPS1 Upgrade (2018)
- MP Development (2018)
- Filter Upgrade 7-16 (2018)
- Filter Upgrade 1-6 (2017)
- SCP-A PLC Upgrade (2016)
- Chemical PLC Upgrade (2015)
- Shepherd Stadium RTU (2014)
- Vernon Tank RTU Upgrade (2014)
- Central State RTU Upgrade (2014)
- SCADA INFRA Upgrade (2013)
- Petersburg Vault RTU (2013)
- RTU LV & PG Upgrade (2013)
- RTU CDMA Upgrade I (2012-13)

Service Contracts

- General Services (2010-Present)
- MDT Autosave Support (2018)
- Wing11 Support (2018)
- Calibration Effort (Annual)

Cumulative Value \$1.4 M

ARWA Network Hardware-Software Upgrade

Background

The 96 MGD WTP of the Appomattox River Water Authority (ARWA) provides drinking water for Chesterfield, Dinwiddie and Prince George Counties, and the Cities of Petersburg and Colonial Heights, Virginia. E-Merge's collaborative relationship with ARWA, and their wastewater counterpart South Central Wastewater Authority (SCWWA – 23 MGD WWTP), began in 1998 and continues to grow and thrive today!

Issues

The water plant's SCADA and corporate IT networks lacked redundancy and up-to-date security protocols used to mitigate cybersecurity attacks. Within the plant, network traffic was not logically segmented or isolated. There were also no security controls in place for controlling and monitoring incoming and outgoing network traffic. This led to concerns about the plant's vulnerability to outside threats.

Solution

E-Merge installed a new fiber optic link between two plant locations to create a fiber optic network ring and configured Cisco Catalyst switches with Rapid Spanning-Tree Protocol (RSTP) to allow for switch failure within the network ring without losing connectivity to the rest of the network. We also implemented a series of segmented Virtual Local Area Networks (VLANs) to isolate traffic between the SCADA Network, Corporate Network, Video Surveillance Network, and Device Management Networks.

At the root of the network, installation and configuration of a SonicWALL Unified Threat Management (UTM) device is providing: Intrusion Prevention Services, Network Packet Inspection, Gateway Anti-Virus/Malware Detection; Internet Service Provider (ISP) Failover; and Secure Remote Access. We developed a stringent set of firewall access rules to control and monitor network traffic between VLANs while having no downtime to plant operations. In addition, E-Merge configured and deployed a series of Wireless Access Points with secure authentication throughout the plant to allow operators and staff access to network resources from mobiles devices.

At the end of the project we helped ARWA develop a detailed IT security policy for employees, including acceptable usage, disaster recovery, password guidelines, remote access and software installation policies to reinforce and protect the network upgrades.

Outcomes

Because of our efforts, ARWA made significant improvements to the security and redundancy of their network. During a recent cybersecurity assessment performed by the Department of Environmental Quality, ARWA scored in the 90th percentile for all water treatment facilities that were assessed in Virginia due to measures taken to decrease their vulnerability to cybersecurity threats.





Project Type SCADA/PLC/Database Support

Project Dates

- Bailey Bridge Completion: Mar 2008
- Falling Creek PS -Completion: Aug 2008
- Falling Creek iFIX Upgrade -Completion: Jun 2009
- Falling Creek IFAS System, ENR (sub to IDI) - 2013
- Proctor's Creek IFAS System, ENR (sub to IDI) - 2014
- Ongoing General Services

Key Staff

Janardan Lal Anand Dixit Andrew Jackson Jeff Green Ben Lape Felipe Nascimento

Total Project Cost

Bailey Bridge: \$395,000
Falling Creek PS: \$299,728
Falling Creek iFIX: \$62,112
Falling & Proctor's Creek IFAS/
ENR \$530,226
Cumulative Cost: \$1.1 Million

Client Reference

Ms. Anne Wright
Senior Engineer
Chesterfield DPU
9840 Government Center Pkwy
Chesterfield, VA 23832
804.768.7582
wrighta@chesterfield.gov

Chesterfield County, Virginia

Background

During our long-term relationship E-Merge has partnered with Chesterfield County Utilities and their A/E firms on many efforts such as developing system architectures, assisting with telemetry needs, performing Y2K audits for 40 PLC control systems, migrating wastewater pump station communications to MDS iNET radios and supporting their ENR improvements projects to name a few.

Issue

Provide SCADA/PLC/database and control system support under direct county contracts and as a subcontractor for construction efforts.

Highlighted Project — Falling & Proctor's Creek WWTP ENR IFAS upgrade: The 36 MGD Proctor's Creek and 10 MGD Falling Creek plants must meet increasingly stringent Chesapeake Bay effluent standards, particularly as it applies to nutrients. In this case, the ammonia nitrogen and nitrate plus nitrite nitrogen leaving the plants must be less than 1 mg/l and 2 mg/l respectively.

Highlighted Solution - IDI provided the Meteor-IFAS/MBBR process. Meteor is a biological process utilizing floating biofilm carriers in conjunction with conventional activated sludge so that existing aeration basins can be used to meet Chesapeake Bay ENR limits. E-Merge provided programming services and support for Rockwell's redundant ControlLogix with FactoryTalk View SE HMI software. The system included more than 500 I/Os for each application. The PLC controlled the anoxic and aeration zones, sludge pumps, methanol, polymer, RAS and WAS pumps, chemical feed systems including carbon denitrification. The system communicated with multiple other Modicon Plant PLC's over Ethernet.

Other Work

Complete support provided for all GE Proficy software on wastewater SCADA, working closely with the County IT Department; SCADA controls and RTU upgrades included WWTPs and over 65 SPS.

- Upgrade of iFIX v 3.5 to iFIX v 5.0 including: Terminal Services for all View Clients, multi-monitor support, custom screen navigation and resizing features and alarm masking feature with audit trail and daily email
- ◆ Proficy Real-Time Information Portal (RTIP) v 3.0 data analysis software
- ◆ Upgrade of Historian v 3.0 to v 3.1 backup/restore historical database
- Implemented weekly and daily backups of iFIX, Historian & RTIP
- Developed and standardized pump alteration logic
- Flow monitoring and totalization
- Ventilation control

Outcomes

Standardization of software and SCADA system upgrades brought county workers on the same page, increasing work efficiency, improving operations practices, and maximized plant efficiency. E-Merge's code implementation reduced pump starts / stops and increased equipment lifespan. ENR improvements reduced nutrient discharges to the Chesapeake Bay allowing Chesterfield the opportunity to earn Nutrient Exchange Revenue.





Project Type / Dates SCADA Master Plan, Design/Build Distribution System Upgrade, WTP Upgrade, WWTP Upgrade, ENR Upgrade 2009 - 2015

Other Ongoing Initiatives

Key Staff Janardan Lal - PM Andrew Jackson Ben Lape

Total Project Cost \$ 990,000 (Multiple Projects)

Client Reference
Mr. Charles "Chuck" Smith
Sr. Controls Engineer
P.O. Box 470
Hanover, VA 23069
804.365.6738
cmsmith@hanovercounty.gov





Hanover County, Virginia

Background

Hanover County's Department of Public Utilities (HDPU) operates and maintains public utility systems servicing approximately 19,198 water customers and 18,640 wastewater customers.

Issues

The SCADA and controls infrastructure at Hanover consisted of a mix and match of technologies, many of which were obsolete. Additionally, each plant operated without connectivity to other countywide assets.

Solution

SCADA Master Plan: E-Merge was tasked to assist Hanover in developing a 5-Year SCADA Master Plan which was adopted by the Board of Supervisors and implemented by our team.

Design/Build Distribution System Upgrade: The water distribution SCADA and water system alarm/surveillance system were E-Merge design/build projects.

Doswell WTP & WWTP Projects: For the Doswell WTP (1 mgd), E-Merge performed onsite verification of existing systems and provided detailed design. Deliverables featured: control systems descriptions, systems architecture, P&IDs for the entire plant and electrical schematics for existing controls.

Wonderware technologies were implemented for the Doswell WWTP (5.8 mgd) towards the aim of being consolidated under System Platform. Hanover standardized on the Allen-Bradley family of PLCs: MicroLogix for RTU sites, and CompactLogix / ControlLogix for the plants.

Totopotomoy WWTP (5 mgd) ENR Upgrade: Facility upgrades included replacement of existing blowers, a new air scour blower building, equalization tank, and clarifier launders, as well as the addition of two sand tertiary filters controlled by redundant Allen-Bradley PLCs and a Wonderware SCADA system.

Technologies:

- Wonderware InTouch, Historian, ActiveFactory, SCADAlarm
- Microsoft SQL Server 2005, Microsoft Windows XP
- Dell RAID Workstations
- Schneider Magelis 10.4" OIT
- A-B ControlLogix, CompactLogix, MicroLogix, RSLogix 5000 & 500
- Longwatch Video Surveillance Software with IP Cameras
- Sierra Communication CDMA Modems (Primary comms to RTU sites)
- Phoenix Dial-up Modem (POTS for backup comms to RTU sites)
- GE-MDS iNET, EntraNET & NETio radios
- CISCO Switches, interfacing network and surge protection hardware

Outcomes

The E-Merge SCADA Master Plan was a key step in realizing the vision, needs, and goals of HDPU. Technology infrastructure improvements and investments enabled Hanover to effectively realize its mission statement, resulting in improved service to the community. E-Merge continues to provide service and support for Hanover's SCADA infrastructure.





Project Type/Dates

- Distribution and Collection SCADA - Completion: 2009
- Parham Landing WWTP
 Nutrient Removal, GC:
 English Construction, 2008 –
 2012
- General Services Ongoing

Key Staff

Andrew Jackson Felipe Nascimento Ben Lape Anand Dixit

Total Project Cost Cumulative Cost \$ 2.6 Million

Client Reference Mr. Harold Jones Operations Superintendent New Kent County DPU 7051 Poindexter Road New Kent, VA 23124 804.966.2676 hrjones@co.newkent.state.va.us

"We appreciate the hard work and efforts they have put forth to bring our utility system into the 21st century We are very pleased with the staff and look forward to an ongoing working relationship with them" – Harold Jones, New Kent County

New Kent County, Virginia

Background

New Kent has been a client since 2008, beginning with the implementation of SCADA for their distribution & collection systems and continuing today.

Issue

Provide a SCADA system for remote monitoring of wastewater pump stations, well sties, water pump stations and water storage tanks. Execute the County's Nutrient Removal project at the Parham Landing Wastewater Treatment Plant in collaboration with New Kent County and Arcadis.

Solution

Distribution and Collection SCADA: Visited each pump station to investigate controls, then held needs assessment meetings with County staff to understand the County's needs. Based on field studies and county input, E-Merge developed a system architecture design, and generated computer models resulting in a robust radio telemetry network (65 + sites on Radio and CDMA).

- Programmed MicroLogix PLC-based RTU system with an Allen-Bradley
 SLC 5/05 PLC acting as a Data Concentrator
- Developed a turnkey SCADA application using GE Proficy iFIX v4.0 running redundant SCADA servers and three View Client nodes.
- Implemented an alarm notification system built on Specter Instruments' WIN-911 software.

Parham Landing Nutrient Removal project:

- ◆ PLC Control panels consisting of AB ControlLogix PLCs
- ◆ Plant SCADA system using GE Proficy products: iFIX v5.o, Terminal Services environment for all View Clients
- Historian v3.1 historical database software: Development of custom reports using Microsoft Excel and Historian Excel Add-In
- Coordination with other vendors to ensure seamless integration with the plant SCADA system
- Upgrade Operations SCADA application from iFIX v4.0 to iFIX v5.0
- ◆ Furnish, install, calibrate, and start-up over \$250,000 in instrumentation

Outcomes

E-Merge continues to enjoy our relationship with New Kent. At the outset, the DPU Director and Operations Superintendent laid out a vision of an integrated and unified SCADA system, not only for the Distribution and Collection SCADA, but also for the Parham Landing WWTP. With that in mind, E-Merge developed a solution that was forward compatible reducing operating costs by 30% through automation. They are successfully using their system for predictive maintenance and there has been a drastic reduction of Nitrogen and Phosphorus being discharged into the Chesapeake Bay. The County also generates over \$25,000 in Nutrient Exchange Revenue.





Project Type/Dates 108 MGD WTP Design-Build SCADA/Controls Upgrade - 2012

Other Ongoing Initiatives

Key Staff Inderdeep Huja Janardan Lal - PM David Spivey John Miller Emilie Nelson

Total Project Cost Cumulative cost \$3.78 M

Client Reference
Mr. Scott Howerin
Technology Supervisor
City of Norfolk DPU
6040 Waterworks Road
Norfolk, VA 23502
757.441.5774 ext. 235
Scott.Howerin@norfolk.g

"E-Merge engineers bring valuable process control and automation knowledge and expertise to the team. The project team assigned to the City has been extremely responsive to our needs and has been a very valuable partner to the City of Norfolk" – Scott Howerin, City of Norfolk

City of Norfolk, Virginia

Background

The City of Norfolk has been an E-Merge client since 2004, with a long term ondemand services agreement, assorted construction and supply contracts, including the WTP project highlighted here. The City's Division of Water Production is responsible for providing safe, clean drinking water to Norfolk, Virginia Beach, military facilities in both cities and parts of Chesapeake. Water Production operates and maintains Norfolk's two water treatment facilities and seven storage facilities.

Issue

Obsolete and unsupported SCADA hardware and software had left the Moore's Bridges Water Treatment Plant (MBWTP) vulnerable. E-Merge reviewed the existing SCADA system including system design and components and used research performed by city staff to date. The old SCADA system was a proprietary DCS system (GE XL SCADA) that used OPTO 22 I/O. E-Merge evaluated several solutions and ranked alternatives in order of ease of installation, cost, and disruption to normal plant operations.

Solution

Design/Build Project in collaboration with the City over multiple phases. Reverse engineering of a 108 MGD Water Treatment Plant. DCS to Open Architecture Migration. Converting GE XL/SCADA DCS to Cimplicity for HMI and replacing the PCUs with redundant Modicon Quantum PLCs.

Plant processes upgraded included 19 Filters, Pump Blowers, Sodium Hypo system, Chlorine Contact, Low lift pumps, High Pressure Pumps, Sludge Removal, Chemical Feeds, Ammonia, Lake Wright Pumps, Raw Water Valves from Western Branch, Coagulant tanks, Sedimentation Basins and Centrifuge. System included 3,500 physical I/O, 2,700 historized tags, and 7,000 SCADA tags.

Solution included GE Proficy Cimplicity, Proficy iClientTS, and Historian software; Microsoft SQL Server 2005; Microsoft Windows XP, Windows Server 2008, and Terminal Services software; HP ProLiant DL₃80 G₅ RAID Servers, HP ProBook computers, Modicon Quantum Redundant Controllers, Cisco Fiber Switches.

Outcomes

In the end, City of Norfolk has a totally state of the art Control System that is highly available, reliable and maintainable. The Design/Build approach yielded savings to the City and the project came in much below the A/E estimate. This was a project where the City wanted to be involved with SCADA/PLC programming. Our engineers in conjunction with the City personnel developed programs for the SCADA and PLC which are now totally supported by the City.





Project Type/Dates/Value SCADA – Controls Upgrade Ongoing / \$ 3.9 Million

Key Staff Janardan Lal - PM David Spivey Ben Lape Chris Johnson Anand Dixit

Client Reference Mr. Steve Morgan SCADA Manager 400 Jefferson Davis Hwy Richmond, VA 23224 804.646.1805

Other Ongoing Projects:

- Westhampton PS
- WTP Sedimentation Basin Upgrade

City of Richmond, Virginia

Background

The City of Richmond assessed their SCADA needs and provided a plan for upgrade and implementation for the SCADA system hardware, communications, and network infrastructure upgrade at the 135 mgd WTP. E-Merge migrated the control system from Square-D SY/MAX PLCs to the Modicon M340 platform.

Issue

The City of Richmond Water Treatment Plant (WTP) had obsolete hardware's utilizing Schneider Square-D SY/MAX PLCs throughout the WTP on an obsolete Schneider SY/LINK communications network. System also employed an outdated reporting system and disparate versions of HMI software.

Solution

E-Merge provided the expertise to upgrade the SCADA system to a newer platform. The varied scope included developing new functional descriptions for each PLC per the specifications, developing SCADA programming standards for DPU -HMI & PLC, detailed design of the virtual server system including Virtualization Host load calculations, SAN IOPS calculations and detailed architecture.

System design includes VMware Data Protection, backup VMs to NAS and then to portable media for secure offsite storage. In addition to SCADA High availability and fault tolerance design, the system has dedicated redundant loop for the physical SCADA & PLC traffic. The SCADA network is further segregated utilizing various VLAN from Server link state to DMZ.

SCADA environment is hosted on 3 VMWare host servers, hosting multiple virtual servers integrated to redundant Cisco hardware.

Cisco Industrial switches for local process control network and interfacing plant wide data networks.

Technology Components

VMWare vSphere Enterprise Edition, GE Proficy iFIX HMI, GE Proficy Historian, What's UP Gold, Cisco Security Manager, MDT AutoSave Enterprise, Veeam Backup Solution. Symantec Endpoint Manager, XL Reporter, Cisco IE4000/3000 Switches, 2600 & 3800 switches, Schneider OFS, Schneider Unity PRO, Schneider Vijeo, Schneider Quantum PLCs, Modbus TCP, PDM, Digital IO, Ethernet networking, Modicon M340 PLCs.





Project Type/Dates/Value Design/Build WTP Controls, Virtualized SCADA System 2012-2013, \$900,000

Key Staff Andrew Jackson - PM Anand Dixit - PM Felipe Nascimento Chris Johnson

Client Reference
Mr. Chris Edwards
Director – Water
Spotsylvania Utilities
600 Hudgins Road
Fredericksburg, VA 22408
540.507.7304
CTEdwards@spotsylvania.va.us

Other Projects & Task Orders

- General Services (Ongoing)
- Utilities PLC Fiber Migration (2019)
- WW Interceptor Flow Meter (2019)
- VMWare Vendor Support (2019)
- SCADA Time Synchronization (2019)
- Livingston Landfill Compost Facility (2018)
- WW Flow Modifications (2018)
- Weather Monitoring (2018)
- Water Distribution Graphics Improvement (2018)
- EMC Network Storage (2017)
- Battlefield Tank & Vault (2017)
- Ni WTP Upgrade (2016)
- Massaponax WWTP SCADA (2016)

Cumulative Value: \$4M+

Spotsylvania County, Virginia Motts Run WTP

Background

Spotsylvania has been an E-Merge client since 2003, with an ongoing long-term SCADA Services Agreement, implemented through task orders, including the Motts Run Water Treatment Plant project highlighted here. Spotsylvania County operates and maintains public water and wastewater systems in the Suburban Service Area, and seven residential subdivisions, serving approximately 28,530 water customers and 27,264 wastewater customers. Water is provided to the City of Fredericksburg and future initiatives include connections to Stafford and Caroline Counties.

Issue

The control systems at the water plants were installed in 2000 and earlier. These systems were proprietary systems with the manufacturer now out of business leaving no support to the County. County was looking for modern SCADA system which will provide uniformity, scalability and better support.

Solution

E-Merge conducted a series of workshops and, based on input from the workshops, created a multi-year SCADA Master Plan. E-Merge recommended an open architecture hardware/software solution that is scalable and standardized across the County.

E-Merge upgraded the control system at the Motts Run plant with redundant ControlLogix PLC's of more than 1000 I/O's (physical and Modbus) and implemented a FactoryTalk View based SCADA system in a virtualized environment. In addition to a FactoryTalk View HMI server with 5 thin clients, the SCADA system included FactoryTalk Historian, FactoryTalk VantagePoint, and FactoryTalk ViewPoint. FactoryTalk VantagePoint provided web-based reporting. FactoryTalk ViewPoint provided web-based SCADA screens for casual interaction. Fault Tolerance, High Availability and vMotion from VMware provided a redundant and robust solution for SCADA against hardware/software failure. The system included 6 Virtual Machines running on 2 Dell servers with CISCO switches. The storage solution included EMC's VNXe unified storage with redundant controllers and RAID 5 drive (3.6 TB) setup.

E-Merge implemented User Defined Tags (UDTs), Add On Instructions (AOIs) in PLC's and global objects, parameters, files, etc. in HMI to implement a standard programming interface throughout the County.

Outcomes

E-Merge created a redundant and resilient SCADA system leveraging all the benefits of virtualization and delivering a solution that serves well for the County. Spotsylvania is very pleased with the improved diagnostics and easily accessible information that helps meet regulatory compliance. E-Merge is now working on the next phase of the system to upgrade the water distribution system throughout the County.





Project Type / Dates / Value System Design, Build, Install & Support (2007), \$334,000

Key Staff Andrew Jackson - PM Anand Dixit - PM John Miller Emilie Nelson Avery Felipe Nascimento Chris Johnson

Client Reference
Mr. Brent R. Elam
Director of Construction and
Engineering, Spotsylvania
County
600 Hudgins Rd
Fredericksburg, VA 22408
540.898.2053 ext. 228
belam@spotsylvania.va.us

Other Projects & Task Orders

- General Services (Ongoing)
- Utilities PLC Fiber Migration (2019)
- WW Interceptor Flow Meter (2019)
- VMWare Vendor Support (2019)
- SCADA Time Synchronization (2019)
- Livingston Landfill Compost Facility (2018)
- WW Flow Modifications (2018)
- Weather Monitoring (2018)
- Water Distribution Graphics Improvement (2018)
- EMC Network Storage (2017)
- Battlefield Tank & Vault (2017)
- Ni WTP Upgrade (2016)
- Massaponax WWTP SCADA (2016)

Cumulative Value: \$4M+

Spotsylvania County, Virginia SCADA Services

Background

E-Merge successfully competed for this multi-year services contract with the County which is implemented through a series of task orders which includes the work highlighted here.

Issue:

Provide the County with SCADA system architecture design, development of standards, SCADA/PLC/RTU programming, radio telemetry support, instrumentation and control systems design, project/construction management, field support, and as-needed systems modifications.

Solution:

Provide a countywide SCADA and RTU system to monitor water and wastewater operations, beginning with 11 pump stations and 2 control room locations. Path profile analysis was performed for all sites; worked with utilities and information services (IIS) staff to identify locations where radio repeaters could be installed, performed physical radio site studies, and coordinated with IIS personnel to install a 450-foot radio repeater antenna. To improve radio networking, E-Merge continued to work with the County to add new radio repeaters throughout the County.

E-Merge then worked with several general contractors on the County's behalf to bring 6 new pump stations under SCADA, ensuring a smooth integration and a control system compatible with the existing PLC/radio network.

The next phase included bringing 2 tank sites, 1 booster pump station and 2 plants into the system. A key challenge was that the existing SCADA was proprietary, outdated, unsupported and undocumented. E-Merge successfully reverse engineered the existing SCADA and integrated the new water sites, allowing monitoring of both old and new sites from a single SCADA system.

Outcomes:

One advantage of the E-Merge designed open architecture system was the ease with which controls were migrated from one pump station to another. When an old site was demolished, E-Merge relocated the hardware to a different site to bring it onto SCADA, ensuring major cost savings.

E-Merge's experience with other customers in an open architecture environment ensured a smooth SCADA integration of new sites.





Project Type Virtualized SCADA System for Municipal Water Treatment Facility - Completion: Aug 2013

Other Ongoing Initiatives

Project Manager Janardan Lal

Key Staff John Miller Emilie Nelson Avery Chris Johnson

Total Project Cost \$280,350

Client Reference Mr. Vernon Land Water Production Manager 100 Bob House Parkway Suffolk, VA 23432 757 514 7031 vland@suffolkva.us

City of Suffolk, Virginia G. Robert House, Jr. WTP

Background

The City of Suffolk has been a customer since 2011, beginning with a SCADA support contract and continuing with IT support and other initiatives including the project highlighted here. Suffolk's Department of Public Utilities is responsible for the City's water and sanitary sewer systems. Potable water for roughly 28,530 customers in the city and outlying towns is supplied by Suffolk's G. Robert House Jr. WTP and the City of Portsmouth WTP.

Issue

The current water plant SCADA systems were installed in 2000 and earlier and included three stand-alone Wonderware InTouch Servers. The County sought a modern SCADA system to provide uniformity, scalability and improved support.

Solution

E-Merge reviewed the existing SCADA and submitted a formal document depicting the typical graphics and controls that would be utilized in a new system. E-Merge recommended an open architecture solution that is scalable and standardized SCADA software across the city. A plan was laid out for any new PLCs to be integrated in the system.

Wonderware System Platform in a virtual environment was chosen for the upgrade. The virtual environment consists of two physical servers with each hosting multiple virtual servers with CISCO switches. VM Host Server 1 (VMHS1) hosts the Galaxy Repository/Terminal Server, Application A Server, and Windows Domain and DHCP Server. VMHS2 hosts the Alarm and Historian Server, Application B Server, and the Wonderware Information Server. The two servers are connected through dedicated ethernet ports on each server for failover/redundancy. Three PCs are used to view the SCADA system which includes operator control screens of the plant and remote sites, alarming, and historical data for reports and trending. Wonderware Information Server is included to provide a web-based view of the control screens, alarms, and trends. The fault tolerance, high availability and vMotion from VMware provide a redundant and robust solution for SCADA against hardware/software failure. Additionally, E-Merge implemented User Defined Tags (UDTs) in the SCADA system to implement a standardized programming interface.

Outcomes

E-Merge created a redundant and resilient SCADA system that leverages all the benefits of virtualization — and delivers a solution that is serving well for the City. The City of Suffolk will enjoy better diagnostics and easily accessible information to help meet regulatory compliance. E-Merge is now working on the next phase of the system to upgrade the water distribution system throughout the City.





United Water

Project Type / Dates Water Treatment Plant SCADA Upgrade - May 2012 — Dec 2012 (Multiple Phases)

Support Ongoing

Project Manager Mike Kalajian

Key Staff
Jeff Green
Jesse Sims
Vignesh lyer

Total Project Cost \$700,000

Client Reference
Mr. Dan Barlow, PE
(formerly with United Water)
Plant Operations Engineer
Chester Water Authority
Post Office Box 467
Chester, PA 19016-0467
610.876.8185 x 1277
dan.barlow@chesterwater.com

"Congratulations on finishing well ahead of the deadline and thank you for completing this work for us before Christmas! ...All the preparation and planning paid off." Dan Barlow, United Water

United Water Stanton, Delaware, Stanton WTP SCADA Upgrade

Background

United Water provides comprehensive, sustainable water and wastewater management solutions that promote public, economic, and environmental health. E-Merge supports that mission with state-of-the-art automation and integration services.

Issue

Obsolete Bristol Babcock RTUs needed to be replaced, while maintaining compatibility with the system's existing Proficy iFIX 5.0 HMI and Historian.

Solution

E-Merge upgraded the system with Allen-Bradley CompactLogix PLCs. Details of this upgrade included:

- Reverse-engineered the existing Bristol Babcock RTU code and developed detailed Control Strategy documentation for each of 14 control systems, including 6 filter stations
- Created controls programs for each system, based on the control strategies along with numerous enhancements
- Replaced six filter operator stations with new control panels, containing PanelView Plus interfaces and Allen-Bradley CompactLogix controllers for each local and remote filter operator station, replacing the failing manual control operations at each station
- Re-engineered and replaced eight additional sub-panels
- Developed a FAT (Factory Acceptance Test) and SAT (Site Acceptance Test) for each system that was upgraded
- Modified the existing iFIX HMI to collect data from the new Allen-Bradley PLCs
- Enhanced the existing controls by adding many levels of PID control to better allow automatic control of the systems, providing a more consistent throughput from the facility
- Planned and coordinated comprehensive installation plans minimizing downtime and impact on the continuously running facility
- Managed the electrical installation team

Outcomes

Existing systems were obsolete and failing with many automated operations abandoned, leaving the facility largely in manual operation. Upgrades to the control systems provided numerous features and enhancements, including restored functionality and reliability of automatic modes, increasing productivity and efficiency. Enhancements provided more robust feedback, alerting plant personnel to potential system and equipment problems and facilitating rapid and proactive response.

This was a fast-track project that was completed well ahead of schedule and to the customer's satisfaction.





Project Type/Dates
Water Treatment Plant Belt Filter
Press Operator Panel Upgrade
Sep 2014 – Dec 2014

Support Ongoing

Project Manager Mike Kalajian

Key Staff Mike Kalajian Jeff Green Jesse Sims Vignesh Iyer

Total Project Cost \$89,000

Client Reference
Mr. Dan Barlow
United Water
2000 First State Blvd.
Wilmington, DE 19804
302.252.3033
Dan.Barlow@UnitedWater.com

United Water, Stanton, Delaware Belt Filter Press Operator Panel Upgrade

Background

United Water provides comprehensive, sustainable water and wastewater management solutions that promote public, economic, and environmental health. E-Merge supports that mission with state-of-the-art automation and integration services.

Issue

Replace the existing controls for two belt filter press machines providing sludge dewatering at the client's Stanton Delaware WTP.

Each press was controlled by push buttons and selector switches at operator panels located on the machines. Parallel controls were also available on the main control panel. The control logic was comprised of hard-wired relay logic distributed between the main control and two operator panels. The project's main goal was to remove the hard-wired relay logic, physical push buttons, and annunciators and monitor/control the system through an intelligent operator interface.

Solution

E-Merge implemented an OIT-based (Operator Interface Terminal) control system, replacing hard wired relay logic with PLC based functionality, allowing monitoring and control through the new intelligent operator interface. Details of this upgrade include:

- Auditing the existing control system and working with the plant to confirm functionality.
- Creating new electrical drawings for the modified operator stations.
- Revising the existing main control panel electrical drawings to depict system changes.
- Providing programming services to integrate the belt filter control logic into an existing CompactLogix PLC.
- Deploying a distributed network of Allen-Bradley Point I/O to collect data from the operator stations.
- The local plant was standardized on Allen-Bradley PanelView Plus terminals. E-Merge added two terminals, replacing the system's existing manual, machine-based controls and annunciation.
- Planning and coordinating comprehensive installation plans to minimize downtime and impact on the continuously running facility
- Managing the electrical installation team, I/O checkout and Site Acceptance Testing

Outcomes

The existing systems were obsolete, driven largely by manual operation. The new OIT provides numerous features which, increase productivity and efficiency while providing robust feedback, alerting plant personnel to potential problems, and facilitating rapid response times.



H) RFP PART 4.2.3/6 - PROPOSED SUB-CONSULTANTS

We plan to self-perform the entire scope of work.

1) RFP PART 4.2.3/7 - PROJECT APPROACH

Text of RFP PART 4.2.3/7: Project Approach - Provide the County with the Offerors understanding and proposed approach to typical projects. The Offeror should discuss in detail the proposed management and project approach for performing any project awarded during the term of the Agreement.

E-Merge has proven methodologies in place to successfully execute projects and task orders that will be identified under this contract.

Condition Assessment

A condition assessment (baselining) is essential for documenting installed assets, as well as identifying current issues with the system. The assessment outlines areas for improvement and the anticipated value of those activities and specifies actions that will achieve improvements.

The condition assessment typically includes:

- Audit of the current system and process
- Recommendations for SCADA and controls platform
- Recommendations for base regulatory and advanced control improvements
- Recommendations for overall system improvements in maintenance and performance
- Strategies for migrating hardware and software, protecting current installation investments
- Plans for personnel training and implementation
- Recommendations for optimization and integration

Identification of New Task/Assignment:

The potential task will be identified by the county and discussed with your E-Merge project manager. Depending on the scope, the task will be classified into a major or minor category. While service type tasks may proceed quickly, major process changes will involve a more detailed and systematic approach. Once a potential task has been identified as major, the E-Merge Team will produce a proposed scope and budget. A typical major project/task life cycle includes:

Design Workshops

In order to facilitate inputs from various entities or stakeholders such as operations, maintenance, IT and engineering, a system evaluation /design engineering phase will be conducted to evaluate and propose solutions. E-Merge will conduct a series of workshops after project initiation to gather functional, operational and performance requirements. This upfront engineering will define the detailed work scope and submitted for approval at the end of "Design Workshops".

System Development

E-Merge offline development entails following sub tasks:

- Develop the system architecture.
- Develop templates for HMI screens.
- Develop HMI Alarm points and descriptions.
- Develop a written description of the control system, and programming documentation.
- Develop control loop diagrams by module and field devices as applicable.
- Engineer control panel layouts and wiring schematics for E-Merge furnished panels.
- Develop termination schedules and instrument riser diagrams.
- Develop O&M Control Systems Manuals including As-builts.



System Development Review with Fluvanna

E-Merge to submit all the relevant documents to the county for review and comment. The programming will be reviewed with county staff for consistency and functionality. Upon approval, E-Merge will proceed with completing the developing the SCADA and control systems, as well to incorporate any comments from the county staff.

System In-house Testing

This will consist of testing the developed application and its interface at the E-Merge facility. The objective will be to verify I/O mapping between the HMI application and the PLCs, as well as to simulate monitor/control activities. E-Merge will invite county staff to witness and verify the operation.

O&M Review and Training

E-Merge envisions two sets of training based on the staff role and can be customized based on the county requirements.

System training is targeted for system administrator or maintenance manager and will include the training of programming of supervisory software, including basic system installation-programmed control functions, monitoring functions, alarming capabilities, networking, screen generation, screen modifications, and system communications.

Operator and Supervisor training includes basic system concepts, troubleshooting, and maintenance procedures including basic programming of supervisory software. The training also includes changing of setpoints, generation of animated screens, and control strategies, procedures for restarting and reloading supervisory software programs upon PC failure, generation of reports, and the changing of the report format.

Task Commissioning

E-Merge will coordinate with county as to appropriate times for startup. Field installation of any new equipment or modifications to existing equipment will occur as designated in the scope for that task. The E-Merge team will coordinate with any vendors or subcontractors to conduct and verify all field installations.

E-Merge will perform system startup after the completion of field work. We will verify and validate operation and functionality. During testing, we will verify proper operation of the following:

- Verify and validate control panel and equipment functionality.
- Verify and validate all I/O connections to the process control system and to the user interface.
- Verify and validate data collection and control functions.
- Verify and validate alarming, trending and historical logging.
- Verify and validate any required new or modified reports.

We will completely debug the system, incorporate reasonable operator requests for changes, and build operator/plant personnel confidence in the new system.

System Documentation Update - As-Builts

If so directed, E-Merge will prepare an O&M manual in accordance with the overall project requirements. The O&M manual consists of the following:

- Updated system topology drawings in electronic ("searchable" .pdf) format
- Software specifications and control strategies in electronic ("searchable" .pdf) format.



- Printout of all graphic configuration files, including graphic displays in electronic ("searchable" .pdf) format.
- Printout of all PLC programming logic in electronic ("searchable" .pdf) format.
- Updated control panel loop drawings in electronic ("searchable" .pdf) format.
- Any required maintenance or other items needed to maintain the new system in electronic ("searchable" .pdf) format.
- Any O&M information provided by vendors in electronic ("searchable" .pdf) format.

Task Validation - Acceptance Testing

The FAT will be considered substantially complete when all new or modified equipment is operating as specified and designed, all I/O points have been verified, the system is meeting the design intent (based on the written control strategies), and any minor problems or issues have been noted on the punch list. After functional demonstration, a System Acceptance Test (SAT) will be started, which allows the process to be operated under full plant process operation. It is anticipated that county operations staff will be operating any new equipment or modified processes at this time. The E-Merge team will be on site to assist with this test.

Task Closeout

Once the new system has been accepted by the county and record documentation has been provided, the task will be closed out.

J) RFP PART 4.2.3/8 – REPRESENTATIVE PROJECTS

A sampling of representative projects is included in Appendix A



K) RFP PART 4.2.3/9 - EFFECTIVE COST CONTROL

Text of RFP PART 4.2.3/9: Effective Cost Control - Demonstrated history of effective control of project costs and ability to accomplish work in a timely manner:

RFP Part 4.2.3/9 a. - Cost Control Methodology

When we set up projects in our accounting/project management system – "Deltek", budgeted hours and material costs and schedule are loaded into the system. Project managers can see "work in process" (WIP) at any time and if the project is deviating from the budgeted hours, costs and schedule, the project manager performs course correction immediately. The project manager reviews the progress of the project with the project team and ensures that the entire team is on the same page. Additionally, oversight of costs is provided by our controller.

Cost control is illustrated by a case study. We work very hard to define a detained scope upfront that includes schedule and budget information. This mitigates any scope creep. See case study for Spotsylvania County in Section G (Project Summaries).

SUMMARY OF P	ROJECTS CARRIED OU Proprietary & C	T UNDER THE S confidential Content	POTSYLVANIA CON	TRACT
Project Suggested in SCADA Master Plan	Budget in SCADA Master Plan	Task Order Numbers	Actual Project Amount	Project Status
Migrate Water Tanks to Radio Telemetry	\$100,000	41	\$98,700	Completed in 2017
Improve networking infrastructure	\$399,000	36, 42, 53	\$102,900 *	Completed in 2016
Upgrade wastewater collection SCADA	\$338,000	35	\$202,300	Completed in 2016
Upgrade RTUs at Motts Run Plant	\$365,000	32	\$374,000	Completed in
Upgrade Gordon Road Tank and other upgrades at Ni Plant	\$150,000	29, 45	\$115,400	Completed in 2016-17

RFP Part 4.2.3/9 b. - Approach for Reducing Costs

There could be opportunities to perform value engineering for the system that is going to be implemented. The steps would include:

- Gather requirements and functionality desired for the system
- Have workshops with O&M and engineering to solicit their ideas
- Provide insights on various options
- Suggest cost effective alternatives
 - Present Cost/Benefit analysis

Operational cost can be reduced by simplify and making the application more intuitive such that it is easy for the operators to run their plant. Building a SCADA platform that provide meaningful insights into the process that can reduce costs. Develop and implement analytic tools that can help reduce operational costs. Analytics can help answer questions such as:

Are the plants performing optimally?



- What does it cost to produce one MGD of water?
- What are the energy costs for Raw Water and Finished Water Pumps?
- What are the correlations between the weather and treatment?
- How can demand be forecasted?
- How can chemical usage be optimized?

With the large amounts of data that SCADA systems can gather, managers would be able to make decisions driven by data. These platforms can provide predictive analytics such as when a given pump may fail and prescribe what needs to be done. Real time asset management and condition monitoring may be cost affordable for some critical assets. This can also help with the following:

- Water distribution leak detection and management
- Predictive sewer analytics sewer overflows
- Stormwater runoffs Reducing pollution events

While working on a project, if we discover a better way of doing the tasks that can reduce costs and schedule, we will bring it to the attention of the county's PM, and at that point determine a future course of action.

RFP Part 4.2.3/9 c. - Documentation, Tracking & Reporting System

At project initiation, in order to facilitate the organizational and other plans, E-Merge shall develop a Project Execution Plan (PXP). The purpose of the PXP is to provide an outline of the planned approach for the project. The PXP is intended to provide a framework to communicate to the county's project manager the means and methods to be employed, and on that basis receive input. The resulting jointly developed approach will represent a logical, manageable execution plan reflecting alignment between the county and E-Merge Team. The document shall consist of:

Project Team/Organization: This provides an overview of the parties and firms involved, as well as the role of each. Our technical team has been assembled with the objective to provide the highest quality and best value to the county through a focus on client engagement, technical expertise, and a thorough understanding of the project requirements. Project leadership and individual commitment are integral to our mission, so the key personnel identified for this contract were selected based on their individual experience as well as their availability to serve the needs of the project. The organization chart has been provided in Section E, with detailed resumes in Appendix B.

Communications: Outlines the protocols for communications between the county and E-Merge.

A variety of methods will be used throughout the course of this project to communicate between the parties involved. Methods include:

- Minutes from Conversations
- Emails
- Written Correspondence
- Workshops

The preferred medium for most communications involving the transmittal of deliverables is electronic (paperless). For communicating complex concepts and soliciting input and direction, in-person communications within the framework of a formal meeting or workshop is preferred.

Controls: Summarizes information on reporting project status including progress, schedule, and budget. Project controls provide the means for the assessment of project execution performance by the comparison of planned progress versus actual in terms of schedule, budget and deliverables.



Issues/Decisions: Communicates the means for tracking issues* and documenting resolution via decisions. An issues/decision log will be maintained by E-Merge. This log is meant to assist the county's project manager in:

- Promoting visibility of identified issues
- Reaching decisions/achieving resolution
- Tracking/monitoring the status of issues and associated decisions
- Highlighting information on the parties responsible for taking action
- Providing visibility on the status of issues and decisions
- Alerting parties to where immediate action is needed/warranted
- * The term "issue" is used in reference to any concern, question, challenge, need for direction, etc. that requires resolution or which could otherwise materially impact a project's schedule, progress, cost or basic implementation concept. E-Merge will create and maintain the log; the county's project manager will review the log's content and facilitate the resolution of issues.

Change Management summarizes the means for tracking of changes related to the baseline contract and associated scope and assumptions. During project implementation, the potential exists for changes. Examples of changes include:

- Scope: increases or decreases in the work to be accomplished
- Technical: changes to the design basis
- Costs: changes to design criteria or conditions that materially impact the project's cost
- Schedule: changes that impact the overall implementation schedule
- Other: any other type of change that would significantly impact project execution or facilities performance.

The county carefully monitors potential changes and is responsible for decisions relative to changes. E-Merge will document potential changes of significance, and the E-Merge project manager will bring them to the county's project manager's attention and seek direction. Approvals for changes are to be provided in writing prior to proceeding.

RFP Part 4.2.3/9 d. - Program for Quality Control

Quality Management: Provides a plan for project quality management. The basic framework for quality management (QMP) is outlined in the plan below.

Plan

The QMP provides an outline of the processes and procedures to be used for quality assurance and quality control (QA/QC) on the SCADA systems implementation plan. The primary focus of the plan is to provide an overview of the means for the review and checking of deliverables prior to submission to the county. Documentation of these reviews and checks is also part of the process.

Basic Philosophy and Procedures

The QMP describes procedures to check and review all deliverables such as technical memorandums, estimates, studies, reports, programs, applications, calculations and any other materials as required by the project Scope of Services.

Activities

E-Merge will use a formalized QA/QC program that requires that QA/QC activities be established during the initial stages of a project. A documented quality management process to ensure consistent delivery of high-quality services and work projects and consistent evaluation and improvement of the quality processes will be developed for each major work element. Each separate quality management activity includes the following key elements:



Independent Review

Additional engineers with an understanding of the context of a project but not involved in day-to-day design activities bring a "fresh set of eyes" to the project. This allows for a comprehensive review of design elements and decisions without being burdened by an investment in previous decisions.

Strong Organization

This includes an experienced QA/QC manager who will develop a project-specific quality control plan, ensure that appropriate qualified staff are assigned to the tasks be responsible for establishing QA/QC procedures and monitoring compliance and perform periodic audits of work in progress for adherence to the QA/QC plan.

Thorough Documentation

The quality control plan includes requirements such as procedures, compliance methods, lines of communication and responsibly and methods for checking and correcting work. The team will maintain records providing factual evidence that required quality control activities and tests have been performed. These records will include the work of E-Merge.

Strict Compliance Monitoring

The QA/QC manager will notify the E-Merge project manager of any detected noncompliance with the QA/QC plan.

Document Quality Problems and Actions Taken to Resolve

Quality problems will be documented in a review comments log. Corrective actions will be checked and back-checked for compliance. Input from the county will be made using the "Comment Review Form", to be provided prior to review activities.

Responsibilities

Ultimate authority regarding quality on each project resides with the project manager, who will establish the QMP and monitor its compliance. The project manager will meet with the QA/QC Manager on a regular basis, to discuss and evaluate quality related E-Merge Quality Procedures and these project-specific procedures.

Document Management

Summarizes the approach for management of the different document types created during this project. A central document management system will be used. E-Merge will set up a SharePoint site for project collaboration and document management.

L) RFP PART 4.2.3/10 - REFERENCES

Text of RFP PART 4.2.3/10: References: Provide the current name, address, and telephone number of at least five (5) references the Offeror has served either currently or in the past three (3) years; preferably those where one or more of the project team members provided the same or similar services as requested herein. Indicate the Scope of Services provided to each reference.

separate quality management activity includes that obyying key elements



2. ADDITIONAL MATERIAL

	E-MERGE INTEGRATOR CERTIFICATIONS/EXPERIENCE
Wonderware	Certified: Vignesh Iyer, Chris Johnson, Mike Kalajian & Ben Lape. Trained: Anand Dixit,
InTouch	Emilie Nelson, Jeff Green, Janardan Lal and Andrew Jackson.
Wonderware Historian	Certified: Chris Johnson. Trained: Anand Dixit, Ben Lape, John Miller and Andrew Jackson.
Wonderware System Platform	E-Merge as a company is a Wonderware System Platform Certified Systems Integrator. Certified: Emilie Nelson, Anand Dixit, Jeff Green, and Don Li. Trained: Andrew Jackson, Janardan Lal, John Miller and Felipe Nascimento. Visit the Wonderware site for our Certification: http://www.wonderware.com/Solution_providers/Sl/search/PartnersSIDetail.asp?CompID=935
Wonderware Workflow	Trained: Don Li, Felipe Nascimento and Chris Johnson
Siemens PLCs	Man Bhujel, Emilie Nelson, John Miller, Nick Murray and Jesse Sims
Schneider Electric	E-Merge is a Schneider Electric Alliance Partner. Emilie Nelson, Andrew Jackson, Arjan
Software/Hardware	Kool, Janardan Lal, Ben Lape, Don Li, John Miller and David Spivey
Rockwell PLCs	E-Merge is a Rockwell Certified Systems Integrator (RcSI). The rigorous selection process to become an RcSI includes detailed due diligence by Rockwell to assure that the selected CSI's can fully meet customer's needs for the Rockwell suite of products. RcSI are chosen from a very select group of firms, only a handful of which are Virginia water/wastewater specialists. These E-Merge engineers have taken various courses on Rockwell products, including advanced coursework at RSTechED: Emilie Nelson, Anand Dixit, Ben Lape, Mike Kalajian, Jeff Green, Jesse Sims, Andrew Jackson, and John Miller.
	Visit the Rockwell Site for our RcSI certification: http://www.software.rockwell.com/corporate/sp/RASIDetail.cfm?CompanyID=11495
GE Proficy MES	Felipe Nascimento, Jeff Green and Mike Kalajian
GE SCADA, Portal	E-Merge is a GE Premier Solutions Partner and has experience with both Cimplicity and iFIX. Anand Dixit, Jeff Green, Mike Kalajian, Janardan Lal, John Miller, Nick Murray, Felipe Nascimento and David Spivey
GE Historian	Anand Dixit, Jeff Green, Mike Kalajian, Janardan Lal, John Miller, Felipe Nascimento and David Spivey
	IT & OTHER EXPERIENCE
Microsoft SQL Server	J Lal (MCSE, MCDBA), Man Bhujel, Don Li and John Miller
Reporting	XLReporter: Andrew Jackson and Chris Johnson, MS SRSS: Chris Johnson, Mike Kalajian, Janardan Lal, and Don Li.
Other	 Emilie Nelson, John Miller & David Spivey – Milestone Advanced Certification (IP surveillance video management) Anand Dixit - PMP, Cisco CCENT & CCNA Chris Johnson - Stratus Certified Solution Architect Nick Murray – Siemens PCS 7 Certification Jesse Sims – ISA84 SIS* Fundamentals Specialist (Valid through 07Feb2020) We provide virtualization solutions, secure networking, Firewalls, DMZ, VPN, VLAN, Cellular-Private Enterprise Network, and radio telemetry to our clients. We help companies segregate process networks from their business networks. * (SIS: Safety Instrumented Systems)



3. APPENDIX A – VIRGINIA MUNICIPAL PROJECTS

Below are our municipal projects which have been active over the last two years.

Project Name	Project Type	Client	End Client
AlexRenew HMI Control System Replacement	Fixed Price	Alexandria Renew Enterprises	Alexandria Renew Enterprise
ARWA Filter Upgrade 1-6	Fixed Price	ARWA	ARWA
ARWA Filter Upgrade 17-32	Fixed Price	ARWA	ARWA
ARWA Filter Upgrade 7-16	Fixed Price	ARWA	ARWA
ARWA General Service	T&M	ARWA	ARWA
ARWA MDT Support	Fixed Price	ARWA	ARWA
ARWA MP Development - 2018	Fixed Price	ARWA	ARWA
ARWA Network Upgrade – Phase II	Fixed Price	ARWA	ARWA
ARWA Network Upgrade Phase 1 -2018	Fixed Price	ARWA	ARWA
ARWA RWPS1 & FWPS1 Upgrade 2018	Fixed Price	ARWA	ARWA
ARWA Win911 Support	Fixed Price	ARWA	ARWA
P1585-16A - ARWA SCP-A PLC Upgrade	Fixed Price	ARWA	ARWA
Chesterfield FCWWTP Flow Support 2018	Fixed Price	Chesterfield County	Chesterfield County
Chesterfield FCWWTP/WWOPS SCADA	Fixed Price	Chesterfield County	Chesterfield County
Chesterfield General Services - Old	T&M	Chesterfield County	Chesterfield County
Chesterfield Powderham Support	Fixed Price	Chesterfield County	Chesterfield County
Chesterfield SCADA Services - 2019	T&M	Chesterfield County	Chesterfield County
S9074-01A - Culpeper County General Serv	T&M	Culpeper, County of	Culpeper, County of
Culpeper Elevated Tank	T&M	Culpeper, Town of	Culpeper, Town of
P1636-01A - WWTP SCADA PC Replacement	Fixed Price	Culpeper, Town of	Culpeper, Town of
S9071-01A - Town of Culpeper General Ser	T&M	Culpeper, Town of	Culpeper, Town of
SCADA Repairs for Chandler Street Wells	Fixed Price	Culpeper, Town of	Culpeper, Town of
P1562-02A - Town of Culpeper KMNO4 Feed	Fixed Price	Littleton And Assoc. Inc.	Culpeper, Town of
P1588-01A - Underground Contractors Town	Fixed Price	Underground Contractors, Inc.	Culpeper, Town of
Gloucester Courthouse Tank SCADA	Fixed Price	Gloucester, County of	Gloucester, County of
Gloucester General Services	T&M	Gloucester, County of	Gloucester, County of
P1626-17A - Gloucester Ammonia System Ad	Fixed Price	Gloucester, County of	Gloucester, County of
Centerville Booster Station SCADA Mods	Fixed Price	Goochland, County of	Goochland, County of
S9082-01A - Goochland General Services	T&M	Goochland, County of	Goochland, County of
Hanover AWWTP BFP Support - May 2018	Fixed Price	Hanover, County of	Hanover, County of
Hanover AWWTP Cybersecurity Upgrade	Fixed Price	Hanover, County of	Hanover, County of
Hanover AWWTP Orbal Support - May 2018	Fixed Price	Hanover, County of	Hanover, County of
Hanover AWWTP SCADA Upgrade - 2018	Fixed Price	Hanover, County of	Hanover, County of
Hanover Beaverdam Controls Upgrade	Fixed Price	Hanover, County of	Hanover, County of
Hanover Doswell WWTP UV SCADA Support	Fixed Price	Hanover, County of	Hanover, County of
Hanover DWTP Hypo Upgrade - 2019	Fixed Price	Hanover, County of	Hanover, County of
Hanover DWTP SCADA PC Upgrade	Fixed Price	Hanover, County of	Hanover, County of
Hanover DWWTP SCADA Upgrade	Fixed Price	Hanover, County of	Hanover, County of



Project Name	Project Type	Client	End Client
Hanover Elmont Tank-PS Upgrade	Fixed Price	Hanover, County of	Hanover, County of
Hanover General Services	T&M	Hanover, County of	Hanover, County of
Hanover TWWTP PLC2 Upgrade	Fixed Price	Hanover, County of	Hanover, County of
Hanover WWOPS RTU Upg II	Fixed Price	Hanover, County of	Hanover, County of
Hanover WWOPS Upgrade - III	Fixed Price	Hanover, County of	Hanover, County of
P1570-16A - Hanover DWWTP STP Station Up	Fixed Price	Hanover, County of	Hanover, County of
P1590-16A - Hanover DWTP Cybersecurity U	Fixed Price	Hanover, County of	Hanover, County of
Henrico WRF Hazen Misc. Support 2018	T&M	Hazen and Sawyer	Henrico, County of
Henrico WRF Hazen Polymer Support Feb 18	Fixed Price	Hazen and Sawyer	Henrico, County of
P1569-16A - Hazen HWRF PLC 2 12 & 12A U	Fixed Price	Hazen and Sawyer	Henrico, County of
Washington Aqueduct – SCADA Radio System	Fixed Price	Hazen and Sawyer	Henrico, County of
Henrico WRF General Services	T&M	Henrico, County of	Henrico, County of
P1641-01A - Stantec - Henrico Engineering	T&M	Stantec Consulting Srvcs, Inc	Henrico, County of
59059-15A - Henrico WTF General Services	T&M	Woolpert, Inc.	Henrico, County of
Hopewell - ICSE Polymer Cent	Fixed Price	ICSE	Hopewell, City of
IOW MP Development - 2018	Fixed Price	Isle of Wight County	Isle of Wight County
sle of Wight (IOW) General Services	T&M	Isle of Wight County	Isle of Wight County
CSA SCADA Upgrade - Phase I	Fixed Price	James City Service Authority	James City Service Authority
ICSA SCADA Upgrade Phase II	Fixed Price	James City Service Authority	James City Service Authority
ICSA SEI Pump Station Upgrade	Fixed Price	Systems East Inc.	James City Service Authority
ICSA Waco Pump Station Upgrade	Fixed Price	Waco, Inc.	James City Service Authority
R8010-13A Loudoun GE MDS Radios	T&M	Loudoun Co Sanitation Auth	Loudoun Co Sanitation Auth
P1629-01A - Hazen Loudoun BRWRF Biosolid	Fixed Price	Hazen and Sawyer	Loudoun Co Sanitation Auth
P1633-01A - Hazen Loudoun Beacon Hill We	Fixed Price	Hazen and Sawyer	Loudoun Co Sanitation Auth
Town of Middleburg SCADA	Fixed Price	East Coast Utility Contractors	Middleburg, Town of
New Kent Landbay 1	Fixed Price	J. Sanders Construction Co.	New Kent County
NK FONK #4 PS Cellular Modem	Fixed Price	New Kent County	New Kent County
NK Kingspond Cellular Modem	Fixed Price	New Kent County	New Kent County
NK Private Network	Fixed Price	New Kent County	New Kent County
P1441-01A - NK Misc Services	T&M	New Kent County	New Kent County
P1599-01A - NK Pamunkey River Monitoring	Fixed Price	New Kent County	New Kent County
P1619-01A - West Rock_Log Storage_Reclai	Fixed Price	New Kent County	New Kent County
P1625-01A - NK Microwave System	Fixed Price	New Kent County	New Kent County
P1627-01A - NK WoodsEdge Flow Sensor	T&M	New Kent County	New Kent County
Parham Landing Stratus Support Renewal	Fixed Price	New Kent County	New Kent County
8002-11A - NK Hardware/Software Resale	T&M	New Kent County	New Kent County
Vater Treatment Interactive Display	Fixed Price	New Kent County	New Kent County
Norfolk General Services	T&M	Norfolk, City of	Norfolk, City of
Norfolk Lime RIO Panel	Fixed Price	Norfolk, City of	Norfolk, City of
Norfolk WOPS General Services 2018	T&M	Norfolk, City of	Norfolk, City of



Project Name	Project Type	Client	End Client	
Norfolk WWOPS General Services 2018	T&M	Norfolk, City of	Norfolk, City of	
Norfolk WWOPS Pump Station Upgrade	Fixed Price	Norfolk, City of	Norfolk, City of	
P1486-14A - Norfolk 37th Street Filter U	Fixed Price	Norfolk, City of	Norfolk, City of	
Norfolk WWOPS PS 4A Upgrade	Fixed Price	T.A. Sheets General Contractors	Norfolk, City of	
P1530-15A - PWCSA APC-SCADA Integration	Fixed Price	Prince William Co Srvc Auth	Prince William Co Srvc Auth	
P1610-17A - PWCSA CakePump Integration	Fixed Price	Prince William Co Srvc Auth	Prince William Co Srvc Auth	
PWCSA DFCMP Firmware Services-2018-1	Fixed Price	Prince William Co Srvc Auth	Prince William Co Srvc Auth	
PWCSA D&C SCADA Investigation Effort	Fixed Price	Prince William Co Srvc Auth	Prince William Co Srvc Auth	
PWCSA Firmware Upgrade - 2018	T&M	Prince William Co Srvc Auth	Prince William Co Srvc Auth	
PWCSA General Services	T&M	Prince William Co Srvc Auth	Prince William Co Srvc Auth	
PWCSA HL Mooney CPCP PLC Pan	Fixed Price	Prince William Co Srvc Auth	Prince William Co Srvc Auth	
PWCSA Mixer SCADA Integration - 2018	T&M	Prince William Co Srvc Auth	Prince William Co Srvc Auth	
PWCSA SCADA Support - May 2018	Fixed Price	Prince William Co Srvc Auth	Prince William Co Srvc Auth	
PWCSA Solids Polymer Controls Upgrade	Fixed Price	Prince William Co Srvc Auth	Prince William Co Srvc Auth	
P1572-16A - MEB COR Westhampton PS Upgrd	Fixed Price	MEB General Contractors, Inc.	Richmond, City of	
P1514-15A - Richmond WTP SCADA Upgrade	Fixed Price	Richmond, City of	Richmond, City of	
Richmond General Services	T&M	Richmond, City of	Richmond, City of	
Richmond Sherwood Basin Upgrade	Fixed Price	Sherwood Logan & Assoc Inc	Richmond, City of	
ICSE Rivanna Sugar Hollow	Fixed Price	ICSE	Rivanna Water & Sewer Auth	
MDT Autosave Pilot 2	T&M	Rivanna Water & Sewer Auth	Rivanna Water & Sewer Auth	
P1624-01A - RW&SA MDT Autosave Pilot	Fixed Price	Rivanna Water & Sewer Auth	Rivanna Water & Sewer Auth	
Rivanna General Services	T&M	Rivanna Water & Sewer Auth	Rivanna Water & Sewer Auth	
SCWWA Caustic and Sodium Bisulfate Upgd	Fixed Price	SCWWA	SCWWA	
SCWWA General Services	T&M	SCWWA	SCWWA	
SCWWA Historian Virtualization Support	Fixed Price	SCWWA	SCWWA	
P1566-01A - Spotsylvania Ni Plant Upgrad	Fixed Price	Southwood Building Systems	Spotsylvania County	
TO 48A - WW SCADA Upgrade Phase II	Fixed Price	Spotsylvania County	Spotsylvania County	
TO 50A - Spotsylvania General Service	T&M	Spotsylvania County	Spotsylvania County	
TO 53A - Spotsylvania Courtland Tank	Fixed Price	Spotsylvania County	Spotsylvania County	
TO 53B - Spotsylvania Massaponax WWTP	Fixed Price	Spotsylvania County	Spotsylvania County	
TO 54A - Spotsylvania Battlefield Tan	T&M	Spotsylvania County	Spotsylvania County	
TO 59A - Spotsylvania Tablet Service	Fixed Price	Spotsylvania County	Spotsylvania County	
TO 60A - WW SCADA Upgrade Phase III	Fixed Price	Spotsylvania County	Spotsylvania County	
TO 64A - Motts Chem Pump Upgrade	Fixed Price	Spotsylvania County	Spotsylvania County	
TO 65A - Spotsylvania EMC Network Sto	T&M	Spotsylvania County	Spotsylvania County	
TO 67A - Wastewater Flow Monitoring	T&M	Spotsylvania County	Spotsylvania County	
TO 68A - VMware Support	Fixed Price	Spotsylvania County	Spotsylvania County	
TO 69A - Motts 36" Valve Comm Cable	T&M	Spotsylvania County	Spotsylvania County	
TO 70A - WWPS 53RTU Wire Terminations	T&M	Spotsylvania County	Spotsylvania County	
TO 72A - Field Components Spare Parts	Fixed Price	Spotsylvania County	Spotsylvania County	



Project Name	Project Type	Client	End Client
TO 72B - Field Components Spare Parts	Fixed Price	Spotsylvania County	Spotsylvania County
TO 73 - Update SCADA Master Plan	T&M	Spotsylvania County	Spotsylvania County
TO 75 - New Pump Station 28 RTU Panel	Fixed Price	Spotsylvania County	Spotsylvania County
TO 76A - VMWare Vendor Support Renew	T&M	Spotsylvania County	Spotsylvania County
TO 77A - Sonic Wall Software Support	T&M	Spotsylvania County	Spotsylvania County
TO 78 Spotsy – Weather Monitoring	Fixed Price	Spotsylvania County	Spotsylvania County
TO 79 Spotsy – WW Flow Modifications	Fixed Price	Spotsylvania County	Spotsylvania County
TO 80 Motts Ultrasonic Level Transducer Replac	Fixed Price	Spotsylvania County	Spotsylvania County
TO 81A Motts SCADA Services	Fixed Price	Spotsylvania County	Spotsylvania County
TO 81B Ni SCADA Services	Fixed Price	Spotsylvania County	Spotsylvania County
TO 81C Field SCADA Services	Fixed Price	Spotsylvania County	Spotsylvania County
TO 83 VMWare Vendor Support Renewal	Fixed Price	Spotsylvania County	Spotsylvania County
TO 83 Water Distribution Graphics Improv	T&M	Spotsylvania County	Spotsylvania County
TO 84 EMC Network Storage Support	Fixed Price	Spotsylvania County	Spotsylvania County
TO 85 Motts PLC Firmware Upgrade	T&M	Spotsylvania County	Spotsylvania County
TO 86 SCADA Time Synchronization	Fixed Price	Spotsylvania County	Spotsylvania County
TO 87 Spots Motts AirBurst Upgrade	Fixed Price	Spotsylvania County	Spotsylvania County
TO 89 Tank Level Calibrations	Fixed Price	Spotsylvania County	Spotsylvania County
TO 90-A: Motts WTP SCADA General Service	T&M	Spotsylvania County	Spotsylvania County
TO 90-B: Ni WTP SCADA General Services	T&M	Spotsylvania County	Spotsylvania County
TO 90-C: Field SCADA General Services	T&M	Spotsylvania County	Spotsylvania County
TO 90-D: Massaponax WWTP SCADA Gen Svcs	T&M	Spotsylvania County	Spotsylvania County
TO 90-E: Livingston Landfill Compost Fac	T&M	Spotsylvania County	Spotsylvania County
TO 91 WastewaterInterceptor Flow Meter	Fixed Price	Spotsylvania County	Spotsylvania County
TO 92 Utilities PLC Fiber Migration	Fixed Price	Spotsylvania County	Spotsylvania County
S9070-01A - Stafford Maintenance	T&M	Stafford County	Stafford County
2017 - Suffolk General Services	T&M	Suffolk, City of	Suffolk, City of
2018 - Suffolk General Services	T&M	Suffolk, City of	Suffolk, City of
Suffolk Distribution 3G/4G Upgrade 2018	Fixed Price	Suffolk, City of	Suffolk, City of
Elite HRBT Support Services	Fixed Price	Elite Contracting Group	VDOT
Elite JRB Maintenance - 2018	T&M	Elite Contracting Group	VDOT
Elite JRB Wireless Upgrade 2018	Fixed Price	Elite Contracting Group	VDOT
Elite VDOT East River Mountain Tunnel	Fixed Price	Elite Contracting Group	VDOT
Ashby Pump Station #32 Upgrade	Fixed Price	Ocean Bay Homes/IWC Inc.	Virginia Beach, City of
R8013-14A - Virginia Beach Hardware Resale	T&M	Virginia Beach, City of	Virginia Beach, City of
P1620-01A - MEB Woodstock WTP Upgrade	Fixed Price	MEB General Contractors, Inc.	Woodstock, Town of
SCADA Reporting Software	Fixed Price	Town of Woodstock	Woodstock, Town of



4. APPENDIX B - RESUMES



Senior Advisor

Janardan Lal - "Lal"

"Lal" provides technical direction to engineering teams, and customized solutions architecture. With a wealth of success executing complex fault tolerant, Level 4, distributed SCADA projects, he gained expertise in plant floor information system design and development for the discrete and process industries, including many hardware, software, and networking technologies available for system design and development.

EDUCATION

BE, Electronics and Communications, University of Kerala, India

LICENSING/TRAINING/ CERTIFICATIONS

- Microsoft Certified Systems Engineer (MCSE)
- Microsoft Certified Database Administrator (MCDBA)
- Wonderware System
 Platform Application Server

EXPERIENCE

Years of Experience: 25 Years with E-Merge: 18 (2001)

EXPERTISE & EXPERIENCE:

- Programmable Controllers:
 - Hardware: Rockwell Allen-Bradley PLCs, GE, Schneider, Siemens
 - Software: Rockwell RSLogix 500/5000, GE, Schneider, Siemens
- ◆ SCADA/HMI:
 - Rockwell FactoryTalk
 - Wonderware software platform
 - GE Cimplicity HMI and iFIX
 - Siemens –Simatic
- Industrial Database:
 - Historian, MS SQL Server, MS Access, SQL SRS
- Networking Technologies:
 - Fieldbuses / Communication Protocols: Modbus TCP, Ethernet/IP, Modbus,
 DF1 Redundant Ethernet networks, Frame Relay technology, Fiber optic
 networking
 - Radio Telemetry: Spread spectrum and licensed radios (Motorola MOSCAD / Intrac and GE-MDS)
 - M₂M Sierra & CradlePoint
- Drives: ABB AC and DC Vector Drives, Siemens AC Spindle drives, Baldor, Drives, Square-D and AB VFDs
- Virtualization
 - VMWare (ESXi, vCenter, vSphere)
 - Microsoft (Hypervisor and Virtual PC)
- IT Systems Administration
 - Windows Server (MS Cluster, AD, DNS, DHCP, Group Policy)
 - RAID Storage configuration & management
- Design Software: AutoCAD, Visio

Senior SCADA Advisor, Prince William County Service Authority, Woodbridge, Virginia E-Merge provides ongoing control system support at the H. L. Mooney Advanced WRF. Tasks include control panel design-build work including upgrade and relocation of control panels; SCADA system maintenance and modifications; control hardware and firmware upgrades and migration; and integration support to 3rd party vendors. As Senior SCADA Advisor, Lal oversees ongoing PWCSA projects, provides technical direction to engineering teams and manages client expectations. In addition, he provides specialist skills in conceptual design, developing vision, providing customized solutions, implementing best practices, and supporting clients by providing a clear understanding of the costs and impacts.

Tags: Wastewater Treatment, Rockwell, ControlLogix, SLC, PLC-5, Firmware Upgrades, Redundancy, Wonderware, ArchestrA, Schneider Modicon M340



Senior Project Advisor, WTP Filter SCADA Replacement, City of Richmond, Virginia DPU E-Merge competed to win this contract for supply and installation of a \$3.9 M upgrade to the City of Richmond's Water Treatment Plant SCADA. The project features new Schneider Modicon PLCs, redundant self-healing fiber network, migration to iFIX HMI software, replacement of SCADA historian, reporting hardware and software, new server equipment, development of SCADA standards for DPU PLC and HMI programming as well as electrical design to support the upgrades. As Senior Project Advisor, Lal provides oversight and project management including, technical direction to engineering teams, developing system implementation plans, coordinating with strategic partners to resolve any technical complications and management of client expectations.

Tags: Water Treatment, SCADA, iFIX, Schneider Modicon

Project Manager, WWOPS SCADA Upgrade, City of Norfolk, Virginia

The City of Norfolk, Virginia's Department of Utilities, Division of Wastewater currently operates and maintains one hundred twenty-seven wastewater pump stations within Norfolk's sixty-four square miles. E-Merge System was tasked to upgrade and re-engineer the head end SCADA/HMI, database application and integrate field RTU sites to the SCADA system. Scope included SCADA/HMI screen development, FieldPoint PAC Control Program development, SQL database design and development, report design/development and system installation, integration, testing and implementation.

Tags: SCADA, Wastewater Treatment

Project Manager, SCADA Upgrade, Hanover County, Virginia DPU

Hanover's Department of Public Utilities tasked E-Merge to assist in developing a 5-Year SCADA Master Plan, including hardware and software standards. Lal was involved with the workshops to determine the vision desired by the county. E-Merge was also tasked to provide solutions for upgrading their existing SCADA/controls infrastructure at the Doswell WTP, Doswell WWTP, Ashland WWTP, distribution system and implementing security & IP video surveillance system for county remote sites. As project manager and systems architect, Lal was tasked with implementing SCADA system technologies defined in the design phase.

Tags: SCADA Master Planning, Water/Wastewater Treatment, Telemetry, Video Surveillance

Project Manager, Professional Services for Controls and SCADA, County of Henrico, Virginia Under a professional engineering services contract, E-Merge supports the process control and SCADA systems for the Henrico Department of Public Utilities. Under this initiative, we have provided support for the water treatment facility with iFIX and reporting applications and executed several task orders for the water reclamation facility (wastewater) including development of specifications and electrical schematics for several PLC panel upgrades. Lal is also providing construction management services for the WRF Centrifuge Upgrade program.

Tags: SCADA, Water/Wastewater Treatment, iFIX, Construction Management

Project Manager/Systems Engineer, Appomattox River Water Authority, Petersburg, Virginia E-Merge was contracted as "sole-source' to perform all controls and instrumentation related engineering for a massive plant expansion- from 50 to 96 MGD. Lal was the Project lead, system architect and SCADA/PLC programmer during the expansion. He also represented client during GC / subcontractor Factory/Field Acceptance Testing and field walkthroughs. Technical highlights of the expansion include, integration of approximate 25 new PLC panels, implementing standard tag name conventions across old and new system, segregation of Biz/Process network, head-end SCADA redundancy and location redundancy, auto generation of approximately 66 reports and segmentation of PLC nodes for efficiency.

Tags: Water Treatment, SCADA





EDUCATION

Electrical Engineering, Virginia Commonwealth University (ongoing)

Electrical Engineering, Mississippi State University (65 credit hours)

Naval Nuclear Power School Naval Nuclear Electricians A School

LICENSING/TRAINING/ CERTIFICATIONS

Qualified Shutdown Reactor
 Operator – US Navy

EXPERIENCE

Years of Experience: 20

Years with E-Merge: 1 (2018)

David Cunningham

Project Manager / Control Systems Engineer

After four years as a Nuclear Power Technician in the US Navy, David gained extensive experience in the steel industry in both hot and cold mills serving in electrical and mechanical engineering roles. Since joining E-Merge, David quickly added new technologies and domains to his toolkit, proving to have an active and agile mind, adapting quickly to each new challenge.

EXPERTISE & EXPERIENCE:

- PLC programming:
 - Rockwell RSLogix
 - Toshiba V series
 - Siemens S7 series
 - GE VME & Fanuc
 - LogiCADD
- ♦ SCADA/HMI:
 - GE Proficy & iFIX
 - Wonderware InTouch
 - WinCC
- Networking Technologies:
 - Ethernet/IP, MYSQL, PROFIBUS, PROFINET
- Databases / Reporting:
 - Proficy Historian
 - Microsoft ISS (Internet Informational Services)
 - DA systems using LabView and IBA
- Web Programming:
 - Java, HTML, PHP, CSS
- Process Improvement for hot and cold steel mills
- Drives: AC & DC

Controls Engineer, Prince William Co. Service Authority (PWCSA), Woodbridge, Virginia E-Merge provides ongoing control system support at the H. L. Mooney Advanced WRF. Tasks for PWCSA have included numerous control panel design-builds including updating motor starter circuits from DeviceNet Motor Savers to Schneider Electric ethernet TeSYS modules. David is responsible for implementing task orders in the field, such as SCADA modifications, integration support, control hardware/firmware upgrades and migration.

Tags: SCADA, Water/Wastewater Treatment

Control Technician (While employed by Nucor Steel), Hot Mill Reheat Furnace Upgrade, Blytheville, Arkansas

Specify, create prints, and program an S7 400 series PLC to replace 6 Micromax LPUs. Created approximately 75% of the prints for the project and over 65% of the operational code. Supervised electrical subcontractor on the physical installation of panels, cable, and conduit. Ran a seamless transfer from the LPUs to the S7 PLC without minimal operational impact.

Tags: PLC, Subcontractor Management, High Voltage, Continuous Improvement, Electrical Safety





EDUCATION

Certificate in Information Technology Management, Georgia Tech

BS, Computer Science, Georgia Tech

LICENSING/TRAINING/ CERTIFICATIONS

- System Platform Application Server
- GE iFIX
- Rockwell FactoryTalk products

EXPERIENCE

Years of Experience: 15

Years with E-Merge: 7 (2012)

Felipe Nascimento

Control Systems Engineer / IT Systems Engineer

Felipe is an award-winning engineer with a wealth of talent and experience in the automation field, programming and upgrading a variety of automation solutions and systems including databases, historians, PLCs, HMIs, SCADA and networking.

EXPERTISE & EXPERIENCE:

- Programmable Controllers:
 - Hardware: Rockwell Allen-Bradley and Schneider Electric/ELAU PacDrive.
 GE RX3i
 - Software: Rockwell RSLogix 500/5000, RSNetWorx, EPAS
- SCADA/HMI:
 - Rockwell FactoryTalk View ME/SE
 - Wonderware System Platform
 - GE iFIX
 - Allen-Bradley PanelView 32
 - Schneider Electric Vijeo Designer
- Databases: MS SQL Server, GE Historian, Wonderware Historian, FactoryTalk Historian, Visualization, Reporting & Trending Tools
- Programming Languages: C, Java, Ruby, Visual Basic
- Virtualization
 - VMWare (ESXi, vCenter, vSphere, PowerCLI, FastSCP)
 - Microsoft (Hypervisor and Virtual PC)
- IT Systems Administration
 - Windows Server (Active Directory, DNS, DHCP, Group Policy)
 - Storage configuration & management
- Design Software: AutoCAD
- Networking Technologies:
 - Fieldbuses / Communication Protocols: Ethernet/IP, CANopen, Profibus, PROFINET, and DeviceNet
 - Hardware: Cisco switches and routers
 - Verizon Private Networks, Sierra Wireless and CradlePoint modems
- Drives: Allen-Bradley (Kinetix 6000 and PowerFlex), Schneider Electric/ELAU iSH and SH servo drives and motors, Schneider Electric ATV₃₂ VFDs

HONORS: Felipe and a small team, designed and implemented, the SuperCell® project, to provide continuous power and network communication to a robot manipulated, PLC controlled fixture in a large multi-operator, multi-robot material handling and welding system. The project won the Kruesi Spirit of Innovation Award in 2008 and is in full production at Harley Davidson's York, PA facility.

PLC Engineer, Prince William County Service Authority, Woodbridge, Virginia E-Merge provides ongoing control system support at the H. L. Mooney Advanced WRF. We have successfully completed numerous control panel design-build work that included upgrades and relocation of control panels. We performed SCADA system maintenance/modifications, control hardware/firmware upgrades and migration, and provided integration support to 3rd party vendors. As PLC Engineer, Felipe supported the PWCSA by converting an existing standalone ControlLogix PLC to a redundant configuration, commissioning of the same and support the facility with ongoing firmware update task.

Tags: Wastewater Treatment, Rockwell, ControlLogix, SLC, PLC-5, Firmware Upgrades, Redundancy, Wonderware, ArchestrA, Schneider Modicon M340



Systems Architect, Spotsylvania SCADA Design, Spotsylvania County, Virginia Utilities E-Merge was tasked with providing the County with SCADA system architecture design, development of standards, SCADA/PLC/RTU programming, radio telemetry support, instrumentation and control systems design, project/construction management, field support, and as-needed systems modifications. Two plants were upgraded from an outdated SCADA system to a new redundant ControlLogix platform, redundant Ethernet communications network for remote PLC racks, and new SCADA system utilizing Rockwell's FactoryTalk suite of products. The new system consists of FactoryTalk View SE, FactoryTalk Historian, and FactoryTalk VantagePoint built on a highly available virtualized platform. Felipe was responsible for creating the Windows Server 2008 R2 virtual machines, setting up the two Dell server hosts and installing VMware ESXi on them, and setting up the VNXe shared storage server. Additionally, Felipe created and set up a new SCADA domain with remote desktop services and thin clients for end user access to SCADA. Felipe also created new reports utilizing VantagePoint for critical plant data monitoring and compliance. Felipe was also responsible for developing new modular components in the ControlLogix PLC and View SE that are reusable, highly configurable by the end user, and used extensively throughout the county's SCADA system. A Verizon Private Network was also utilized as a redundant link between treatment plants and communications to some remote sites, Felipe was responsible for setting up and configuring the network and cellular modems.

Tags: SCADA, PLC, ControlLogix, CompactLogix, Server, Virtualization, VMware, Redundancy

Systems Architect, ABB Reporting System Upgrade, ABB, South Boston, Virginia E-Merge was tasked with providing a FactoryTalk VantagePoint reporting system to enable the customer to view historized data easily. Felipe was responsible for installing and configuring the VantagePoint software on the customer's server and creating reports that the customer could access from a web browser.

Tags: FactoryTalk VantagePoint

Field Engineer, Chesterfield County System Support, Chesterfield County, Virginia DPU E-Merge provides ongoing SCADA/PLC/Database and controls system support for Chesterfield County. Felipe was responsible for the Proctor's Creek Plant start-up services for their ENR upgrades. It included integrating Blower and IFAS systems into the E-Merge provided SCADA system. This included electrical panel checks, I/O checks, HMI screen checks and troubleshooting, PLC program checks and troubleshooting, and making sure the system met customer specifications. The system consisted of redundant ControlLogix controllers with a distributed network of IO racks utilizing ControlNet for communications and FactoryTalk View SE for end user control.

Tags: SCADA, PLC, Start-Up Services, Electrical Panel Checks, Redundancy, ControlLogix, ControlNet, FactoryTalk View SE

Field Engineer, NIPSCO Coal Power Station Flue-Gas Desulfurization, NIPSCO, Wheatfield, Indiana E-Merge was subcontracted by Infilco Degremont to provide automation and control services as part of the site construction. Process included removal of SOX, NOX and mercury from Flue gases and the treatment processes thereof. Felipe was responsible for the start-up services, including I/O checkouts, HMI checkouts, PLC checkout and changes, and supporting and modifying several third-party equipment and programs.

Tags: FactoryTalk View SE, FactoryTalk View ME, ControlLogix, CompactLogix, ControlNet





Arjan Kool

Control Systems Engineer

Arjan distinguished himself academically, graduating with highest distinction from UVA, earning numerous honors and awards while also serving as a Teaching Assistant. His dedication to excellence carries forward to his responsibilities as an engineer including PLC programming, SCADA, DCS and HMI design and development. He has supported projects involving process optimization and automation for the water/wastewater, pulp & paper, and fiber optics production/manufacturing industries.

EDUCATION

BS in Chemical Engineering with a Minor in Engineering Business, University of Virginia

LICENSING/TRAINING/ CERTIFICATIONS

• General Safety Practices

EXPERIENCE

Years of Experience: 6 Years with E-Merge: 3 (2016)

EXPERTISE & EXPERIENCE:

- Programmable Controllers:
 - ABB 800xA & MOD 300
 - Rockwell Allen-Bradley PlantPAx, RSLogix 5000 / ControlLogix
 - Schneider Modicon M340
- SCADA/HMI:
 - FactoryTalk View
 - Siemens PCS-7
- Programming Languages
 - Java
 - Python
 - Visual Basic
- ◆ Modeling/Design
 - Aspen Plus
 - AutoCAD
 - MATLAB
 - Monte Carlo Simulation
- Relational Databases MS Access

Field Engineer, Prince William County Service Authority, Woodbridge, Virginia
E-Merge provides ongoing control system support at the H. L. Mooney Advanced WRF. We have successfully completed numerous control panel design-build work that included upgrades and relocation of control panels. We've performed SCADA system maintenance and modifications as well as control hardware and firmware upgrades and migration and provided integration support to 3rd party vendors. As Field Engineer, Arjan has supported several PWCSA projects including field support of the DFMCP Firmware Services project, drawings, as-builts and onsite startup for the CPCP PLC Panel Upgrade and startup support for the Cake Pump Panels Integration. He is currently working on the PWCSA Solids Polymer Controls Upgrade project.

Tags: Wastewater Treatment, Rockwell, ControlLogix, SLC, PLC-5, Firmware Upgrades, Redundancy, Wonderware, ArchestrA, Schneider Modicon M340

Field Engineer, WTP Filter SCADA Replacement, City of Richmond, Virginia DPU
E-Merge competed to win this contract for supply and installation of a \$3.9 M upgrade to the City of Richmond's Water Treatment Plant SCADA. The project features new Schneider Modicon PLCs, redundant self-healing fiber network, migration to iFIX HMI software, replacement of SCADA historian, reporting hardware and software, new server equipment, development of SCADA standards for DPU PLC and HMI programming, as well as electrical design to support the upgrades. Arjan supported with in-house testing, witness testing of the panel, panel startup and reverse engineering/redlining field conditions.

Tags: Water Treatment, SCADA, iFIX, Schneider Modicon



Field Engineer, Ashland WWTP & Wastewater Operations (WWOPS) Support, Hanover, Virginia DPU

Hanover tasked E-Merge with upgrading the obsolete wastewater plant by offering SCADA design and development, HMIs, alarm points, PLC programming, and documentation. Arjan has supported the Ashland Wastewater Treatment Plant's Orbal RTU Upgrade and WWOPS RTU Upgrades.

Tags: Wastewater Treatment, Wonderware InTouch, Wonderware Historian, Telemetry

Field Engineer, SCADA System Implementation and Ongoing Support, Spotsylvania County, Virginia Utilities

E-Merge was tasked with providing Spotsylvania with SCADA system architecture design, development of standards, SCADA/PLC/RTU programming, radio telemetry support, instrumentation and control systems design, project/construction management, field support, and ongoing support. Arjan assisted with upgrading the remote terminal units for the Spotsylvania wastewater system.

Tags: Water Treatment, Rockwell Allen-Bradley, MicroLogix RTU





Man Bhujel Control Systems Engineer

Electrical Controls Engineer with knowledge of control systems electrical design, process control and industrial automation concepts. Hands on experience with Allen-Bradley and Siemens PLCs, HMI design, AutoCAD electrical schematics, pneumatics, VFDs, motors and servo drives. Excellent problem-solving abilities and interest in controls systems, automation, robotics, embedded systems and networking.

EDUCATION

MS, Electrical Engineering, University of Toledo, Ohio

BS in Electronics Engineering, IOE, Tribhuvan University, Nepal

LICENSING/TRAINING/ CERTIFICATIONS

- PLC I PLC Programming from Scratch
- PLC III HMI / SCADA Process Visualization
- PLC IV Advanced
 Programming Paradigms

EXPERIENCE

Years of Experience: 4

Years with E-Merge: 1 (2018)

EXPERTISE & EXPERIENCE:

- Programmable Controllers:
 - Siemens
 - Rockwell Allen-Bradley, RSLogix 500/5000
- ◆ SCADA/HMI:
 - Wonderware
 - Ignition
 - FactoryTalk View ME
 - InTouch
 - WinCC
 - PanelView Plus and SIMATIC Panel
 - SIMATIC STEP 7 (TIA Portal)
- Programming Languages: C, C++, C#, SQL, Java, HTML 5, Virtual Basic
- Networking:
 - PROFINET
 - Ethernet IP
 - Modbus TCP
 - Cisco
- Databases:
 - MS Access
 - MS SQL Server
 - MySQL
 - Visualization, Reporting and Trending Tools
- Vision Systems: Keyence, Cognex
- Modeling/Design AutoCAD, MATLAB/ Simulink
- Virtualization VMware
- ◆ FANUC Robotics

Project Engineer, Prism International Engineering Nepal Pvt. Ltd, Kathmandu, Nepal Managed PLC control projects from getting requirements and designing to field integration for factory automation. Performed planning, designing, and fabrication of control panel layouts including wiring, power distribution, and safety. Maintained, modified, and redesigned existing process control for various factory technologies. Troubleshot and debugged system designs to improve safety and operations as per customer's requirement. Prepared technical and functional description for customers and electrical schematics of process controls. Designed and installed IT networking topology for an established network in banking systems.

Tags: HMI/SCADA Development, Control Panel Design, Motion Controllers, Networking, Motor & Servo Controls, Bakery, Bottling, Conveyors, Power Distribution, Safety Design, IT Networking Topology





EDUCATION

Post-Baccalaureate Certificate, Information Systems, Virginia Commonwealth University

BS, Business Administration, Virginia-Commonwealth University

LICENSING/TRAINING/ CERTIFICATIONS

- Wonderware Certified Application Developer (Historian Server & InTouch)
- Wonderware Historian Client Certified
- Stratus Certified Solution Architect
- VMware Datacenter
 Virtualization

EXPERIENCE

Years of Experience: 12

Years with E-Merge: 6 (2013)

Chris Johnson IT Systems Engineer

Chris is responsible for the design, implementation and management of complex IT infrastructures utilizing his experience in database management, virtualization, networking, disaster recovery, and cyber security.

EXPERTISE & EXPERIENCE:

- ♦ IT Systems Administration
 - Windows Server (Active Directory, DNS, DHCP, Group Policy)
 - SQL Server, Microsoft Exchange, SharePoint
 - Storage configuration & management
- Networking Technologies:

Secure Private Networking (Verizon Private Networks, Sierra Wireless and CradlePoint modems, Stratus Certified Solution Architect, Cisco Switching and Routing - Layer 2 & 3 switches, routers and firewall devices), Cisco IOS & ASDM (Adaptive Security Device Manager) - VPN, WAN & WLAN management

- Databases / Reporting:
 - Wonderware Historian Client trained and certified
 - SQL Server
 - SyTech XLReporter
 - GE Proficy Historian
 - MS Access
- ◆ Virtualization
 - VMware (ESXi, vCenter, vSphere, PowerCLI, FastSCP)
 - Microsoft (Hypervisor and Virtual PC)
- Data Protection & Security
 - Backup Exec, Acronis, Veritas & Veeam backup solutions
 - Anti-virus management and infection recovery
 - Network monitoring and performance
- ◆ SCADA/HMI
 - iFIX
 - Wonderware Certified Application Developer InTouch Certified
- Programming: Visual Basic, Microsoft.NET, C#, Java, and HTML

IT Systems Engineer, WTP Filter SCADA Replacement, City of Richmond, Virginia DPU E-Merge competed to win this contract for supply and installation of a \$3.9 M upgrade to the City of Richmond's Water Treatment Plant SCADA. Project features include new Schneider Modicon PLCs, redundant self-healing fiber network, migration to iFIX HMI software, replacement of SCADA historian, reporting hardware and software, new server equipment, development of SCADA standards for DPU PLC and HMI programming, as well as electrical design to support the upgrades. Chris' role in this project is to configure and stand up servers, setting up virtualization framework, setting up redundant, fault tolerant, Cisco based industrial/enterprise network and provide ongoing support for SCADA commissioning and report development.

Tags: Water Treatment, SCADA, iFIX, Schneider Modicon

IT Systems Engineer, SCADA Design, Spotsylvania County, Virginia Utilities

E-Merge was tasked with providing the County with SCADA system architecture design, development of standards, SCADA / PLC / RTU programming, radio telemetry support, instrumentation and control



systems design, project/construction management, field support, and as-needed system modifications. Chris was the Network Specialist for this project, responsible for setting up the County's private broadband network to link the two water treatment plants and the utilities office together. Chris was responsible for deploying the SCADA system in a VMware virtualized environment. System included setting up storage area networks and redundant switches. He was also responsible for the deployment of the Verizon Private Network.

Tags: SCADA Master Planning, Water/Wastewater Treatment, Telemetry, Secure Private Networking, SCADA Virtualization, Broadband Networking, VMware

IT Systems Engineer, Henrico WTF SCADA Support, County of Henrico, Virginia DPU E-Merge provided ongoing SCADA / PLC / database and controls system support at the Henrico Water Treatment Facility (WTF). Chris was responsible for ensuring that the county's reporting services met regulatory requirements. To do this, Chris migrated the SyTech XLReporter configuration and report files to the new system and enabled plant-wide "read-only" access to reports from within the county's iFIX SCADA application.

More recently, Chris was also responsible for the Henrico WTF SCADA Upgrade project that included iFIX, Historian, XLReporter and Terminal Services.

Tags: SCADA, Water Treatment, SyTech, iFIX, Data Migration

IT Systems Engineer, WTP Upgrade, Appomattox River Water Authority, Petersburg, Virginia E-Merge was contracted as "sole-source' to perform all controls and instrumentation related engineering for ARWA's massive plant expansion from 50 to 95 MGD. Chris was the Network/IT specialist for this project, responsible for IT support and networking. This included upgrading the existing network infrastructure (upgrading routers, switches, VPNs, fiber tracing/testing, and other tasks), upgrading reporting services, and virtualizing the SCADA system. Chris also offers ongoing IT support for any of ARWA's networking needs.

Tags: Water Treatment, SCADA Virtualization, Network Infrastructure, IT Support





EDUCATION

MS, Computer Science, Georgia Tech

BS, Computer Science, with Highest Honor, Georgia Tech

LICENSING/TRAINING/ CERTIFICATIONS

- ABB Training & Certification for S4 & IRC5 Controllers
- ABB Training in RobotStudio 3D Simulation Software & Application Development
- Vector CAN, CANalyzer, CANape, CANoe Training
- Wonderware Certified Application Developer (System Platform, Application Server)

EXPERIENCE

Years of Experience: 18 Years with E-Merge: 6 (2013)

Donghan "Don" Li IT Systems Engineer

Don brings extensive experience working in process controls, robotic system integration and high-tech manufacturing to our team. With his education in Computer Science, specializing in networking, database system design and software engineering, Don offers knowledge and expertise in both traditional software development tasks and a variety of industrial control applications.

EXPERTISE & EXPERIENCE:

- Programmable Controllers: Rockwell Allen-Bradley (ControlLogix, CompactLogix, SLC, MicroLogix)
- SCADA / HMI: Allen-Bradley PanelView, PanelView+, VersaView, Rockwell FactoryTalk Studio (ME/SE), InTouch Wonderware
- Programming Environment: C, C++, Java, Ruby, Python, Perl, PHP, VB, SQL, JavaScript, JSP, LabVIEW, CANalyzer, CANape, CANoe
- API / Tools: Qt, J2SE, J2EE, Rails, ODBC / JDBC, Socket, OPC, CSP, CSS, HTML, XML
- DBMS: PostgreSQL, MySQL, Oracle, MS SQL
- Robotics & Drives: ABB S4C / IRC5 / RobotStudio, Fanuc, Motoman, Panasonic, OTC DAIHEN, ABB ACS / DCS800
- Networking Technologies: Fieldbuses / Communication Protocols: ControlNet, DeviceNet, Ethernet/IP, Modbus, Modbus+, DH+, Profibus, Fieldbus, CAN
- Vision Systems: Keyence, Cognex
- Intensive conceptual and hands-on Data Mining, Data Integration and Modeling

HONORS

Lead robotic developer in SuperCell® project for Harley Davidson which received the prestigious **Kruesi Spirit of Innovation Award** in 2008. Featured 3D offline simulation and robotics programming for coordinated welding with 11 ABB robots.

Project Manager/Controls Engineer, Prince William Co. Service Authority, Woodbridge, Virginia E-Merge provides ongoing control system support at the H. L. Mooney Advanced WRF. We successfully completed numerous control panel design-build work including upgrades and relocation of control panels. Other task orders have included SCADA system maintenance and modifications, control hardware and firmware upgrades, migration, and integration support for 3rd party vendors. As the project lead, Don is responsible for coordinating multiple ongoing projects with the end customer, as well as managing subcontractors and coordinating resources based on task complexities. In addition to management, Don has a hands-on role in R&D, programming, documentation, electrical design, panel checkout, installation, etc. Don has supported/managed several PWCSA projects including Blower PLC Panel (BBSC), Filter PLC Panel (DFMCP) and CPCP PLC Panel upgrades.

Tags: Wastewater Treatment, Rockwell, ControlLogix, SLC, PLC-5, Firmware Upgrades, Redundancy, Electrical Design, Wonderware, ArchestrA, Schneider Modicon M340

Project Manager/Controls Engineer, Loudoun Water, Ashburn, Virginia

Loudoun's wastewater division completed an upgrade to their Methanol feed process, which provides supplemental carbon source for biological nitrogen removal. Working in conjunction with Hazen and Sawyer, E-Merge served as subcontractor for the controls portion of this project. Based on in-depth analysis of the existing system and the process requirement of this upgrade, E-Merge proposed and successfully executed an implementation and testing strategy, ensuring internal consistency of the



code base and on-time integration with minimal impact to the production system. As the project lead, Don worked closely with Loudoun and Hazen to understand the existing control system standards and process upgrade requirements, develop software control narrative documents, coordinate internal implementation activities, and conduct on-site deployment and testing. Don's experience, teamwork, and detail-oriented approach to every project ensured his continued success in water/wastewater project space and beyond.

Tags: Wastewater treatment, Rockwell, ControlLogix, SCADA System Design and Standardization

Project Manager, Fareva Process Controls, Richmond, Virginia

Fareva, a third-party manufacturer of pharmaceuticals and topical products, added a new aerosol manufacturing and packaging plant in their existing facility. E-Merge served as subcontractor to CRB (General Contractor) for the controls portion of this fast track design-build project. E-Merge designed, programmed, implemented, and validated HMI, SCADA, and PLCs for the new aerosol line which featured nine mix tanks for batches, a utility system, and a propellant subsystem. Don was a key team player in writing the cGMP validation documentation for the control system. These documents included an FRS, SDS, Alarm List, Setpoint List, IO Checkout, and SAT for each part of the control system. E-Merge teamwork and expertise enabled successful delivery of an effective control system to the end customer which led to subsequent work directly between E-Merge and Fareva.

Tags: Wonderware, ArchestrA, Rockwell, ControlLogix, FactoryTalk View ME, Electrical Design, Ethernet/IP

Control Systems Lead, Nestec/US Magnesium, Rowley, Utah

The plant utilizes a proprietary process for producing high purity hydrochloric acid utilizing the raw materials from the facility's surrounding area. E-Merge was tasked to provide design and programming of the controls for this new system. Don was responsible for developing the functional design specification and sequence of operations. Once approved, Don developed the PLC programs for the Allen-Bradley ControlLogix platform. Don was the lead for an intensive, complex and time constrained onsite startup of the system.

Tags: Wonderware InTouch, Rockwell ControlLogix, Electrical Design, Ethernet/IP, DeviceNet

Software Engineering, Washington Gas, Springfield, Virginia

During a large-scale production system upgrade, Don provided database migration support. Coordinated with software vendors to design and implement the necessary tools to migrate legacy data to the new production environment and developed database migration and testing procedures to ensure successful live switchover of the mission critical production system.

Tags: Natural Gas, Wonderware System Platform, Database Migration, Workflow, iFIX

Control System Engineering, ABB, South Boston, Virginia

At ABB's manufacturing facility for small power transformers in South Boston, Virginia, E-Merge designed and installed a complete electrical control package to retrofit a 35-year-old German-made metal slitting machine which had obsolete control systems. Automation controls were implemented with Allen-Bradley's Compact GuardLogix controller and FLEXI/O. An Allen-Bradley FTView SE HMI station was installed and 3 of the 5 DC motors were replaced with AC motors. ABB ACS/DCS800 drives were used to implement torque controlled unwind, slit and rewind operations. The entire retrofit process was completed during a tight two-week shutdown period and the project came in under budget.

Tags: ABB AC/DC Drives, Electrical Design, PanelView, Compact GuardLogix





Inderdeep Huja President and QA/QC

Inderdeep is a Principal and co-founder of E-Merge. His extensive experience in process control and automation, manufacturing systems, as well as client server systems design and development led him to partner with world-class manufacturing companies in designing and implementing large plant floor information systems. As the "face" of many E-Merge teams, and primary technical contributor on numerous projects, including distributed computing environments/client-server implementations and SCADA master planning for municipal Water/Wastewater treatment plants Inder ensures that programs are delivered to the delight of our clients.

EDUCATION

MS, Engineering, University of Virginia

BS, Mechanical Engineering, University of Pune (India)

LICENSING/TRAINING/ CERTIFICATIONS

- ISA Member
- AWWA Member
- WEF Member

EXPERIENCE

Years of Experience: 25+ Years with E-Merge: 22 (1997) "Inder" is primarily responsible for providing technical direction and overseeing the operations of the company. Inder heads up our Richmond, Virginia office and is our chief advisor on water/wastewater projects for clients such as:

- ARWA & SCWWA, Petersburg, VA
- Chesterfield County, VA
- City of Norfolk, VA
- City of Suffolk, VA
- City of Richmond, VA
- Hanover County, VA
- Henrico County, VA
- New Kent County, VA
- Prince William County Service Authority
- Spotsylvania County, VA

EXPERTISE & EXPERIENCE:

Project Principal, Hanover SCADA Master Plan, Hanover County, Virginia

E-Merge was tasked with assisting Hanover County Department of Public Utilities (HDPU) in developing a 5-Year SCADA Master Plan. Activities involved in the development of the plan included the base lining and quantifying County assets. This was followed by a series of workshop for different target audiences. Goals, objectives and priorities were established. Based upon the gap analysis, E-Merge provided several options on how to close the gap. Once we had a buy-in from the stakeholders for the future phased approach, E-Merge developed a strategic SCADA master plan. E-Merge was also tasked by Hanover County DPU to provide solutions to upgrade their existing SCADA infrastructure at the Doswell WTP, and to assist in designing and implementing a Water Distribution SCADA system and Water System Alarm and Surveillance system. Inderdeep was responsible for the collaborative and design process for the SCADA Master Plan by determining where the county wanted to go and how they could get there – define a vision for Hanover County. The technology infrastructure improvements and investments described in this plan enabled HDPU to more effectively realize its mission statement resulting in improvement of its service to the community.

Tags: SCADA Master Planning, Water Treatment, Water System Alarm & Surveillance System

Project Principal, Appomattox River Water Authority Plant Upgrade, Petersburg, Virginia E-Merge was awarded a "sole-source" contract to best represent the client's needs. E-Merge provided all SCADA controls and instrumentation related engineering for a massive plant expansion - from 50 to 95 MGD. E-Merge represented the Authority in ensuring that the GC and the subcontractors were supplying equipment and systems as per specification and that Authority got the best solution.

Tags: Water Treatment, SCADA



Project Principal, SCADA Design, Spotsylvania County, Virginia Utilities

The County water systems had proprietary and obsolete GE XL/SCADA RTU based DCS system. E-Merge conducted a series of workshops to determine the shortcomings of the existing systems and gathered future requirements. Based upon that, E-Merge was tasked with providing the County with SCADA system architecture design, development of standards, and implementation of a new SCADA system consisting of Rockwell FactoryTalk view and AB- ControlLogix and CompactLogix PLCs. E-Merge provided SCADA/PLC/RTU programming, radio telemetry implementation, instrumentation and control systems design, project/construction management, field support, and as-needed systems modifications.

Tags: Water Treatment, Rockwell FactoryTalk View, ControlLogix, CompactLogix, Telemetry

Project Principal, Moore's Bridges WTP SCADA Upgrade, City of Norfolk, Virginia
Obsolete and unsupported SCADA hardware and software left the Moore's Bridges Water Treatment
Plant vulnerable. E-Merge studied the existing SCADA system, which involved review of system design
and components and review of research performed by city staff to date. The old SCADA system was a
proprietary DCS system (GE XL SCADA) that used OPTO 22 I/O. E-Merge evaluated several solutions
and ranked alternatives in order of ease of installation, cost, disruption to plant operations and then
converted GE XL/SCADA DCS to Cimplicity for HMI and replaced the PCUs with redundant Modicon
Quantum PLCs. E-Merge guided the customer in making the right technology choices that were open
architecture. Factors considered included high availability, redundancy and long-term supportability.

Tags: Water Treatment, SCADA, Cimplicity HMI, Modicon PLC

Project Lead, Henrico WRF SCADA, County of Henrico, Virginia DPU Inderdeep Huja was involved back in 1993-94 in the very first Windows based SCADA system that the County ever had. He helped the County migrate from a VAX/VMS platform to a Windows NT based Cimplicity head end. Proprietary Turbitrol RTUs were replaced by GE Fanuc 90-70 PLCs.

Tags: Wastewater Treatment, SCADA, Cimplicity



E-MERGE SUPPORTING PLAYERS

Cindy Spain

Cindy is our Office Manager / Project Coordinator and wears many hats. She supports the project managers with contract administration, resource and safety coordination, preconstruction services, estimating support, interfacing with vendors and sub-contractors and proposal preparation. Cindy has over 18 years' experience in construction/project management, specifically in the water/wastewater industry and has been with E-Merge since 2012.

David Levy

Our Controller, David Levy, brings a wealth of experience in public contracting to the table, with 20 plus years managing corporate accounting and financial functions. His duties include preparation of financial statements, oversight of accounting and administrative functions. David joined us in 2017, is a CPA and holds a bachelor's degree in economics from the University of Richmond.



May 24, 2019

Cyndi Toler Fluvanna County Purchasing Officer P.O. Box 540 132 Main Street Palmyra, VA 22963

Subject:

Labor Rates

Reference:

SCADA Services RFP number 2019-02

E-Merge proposes the following hourly billing rates (8-hour workday) for labor:

Project Function	Rate/Hour
Project Manager	\$145.00
SCADA/IT Engineer	130.00
Controls Engineer I	130.00
Controls Engineer II	137.50
Instrument / Field Tech	100.00
Sr Controls Designer / P.E.	155.00

- Rates valid for one year from date of contract & will be negotiated annually. * See Contract
- Services to be provided on a scheduled basis.
- Each visit will be of a minimum of 4 hours. LON-5146 VISITS
- Travel time will be billed at \$100/hr.
- The rates above are based on a 40-hour work week. Excess hours will be billed as follows: 1.5 times the above rate on weekdays and Saturdays and 2 times the rate on Sundays and Holidays.
- Vacations will be coordinated to fit your schedules and holidays will be matched to your holiday schedule.
- Payment Terms: In accordance with the RFP, billing of materials and services will be generated once per month and payment terms are net 45 days from receipt of invoice. A finance charge of

Other Direct Costs

- Mileage Rate: As per IRS standard rate
- Airfare, vehicle rental, lodging and meals will be at cost. If Fluvanna can provide their travel policy, we would be glad to consider it.

Sincerely,

Janardan Lal Sr. Project Manager

*Please See Contract For

E-Merge Systems, Inc. / 1314 East Cary Street, Richmond, Virginia 23219 804.344.3511 o / 800.608.6039 f / www.emergesystems.com

Clarification

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MARCHANA DE SEROS/976

FLUVANNA COUNTY BOARD OF SUPERVISORS AGENDA ITEM

Meeting Date: June 19, 2019 TAB H

AGENDA TITLE:	Sick Leave Policy Update									
MOTION(s):	I move to approve the updated County Personnel Policy 2.13, <u>Leave and Holidays</u> , section 2.13.2 <i>Sick Leave</i> , as presented.									
AGENDA CATEGORY:	Public Hearing	Public Hearing Action Matter Presentation Consent Agenda Other XX								
STAFF CONTACT(S):	Jessica Rice, Hur	nan Resources Ma	anager							
PRESENTER(S):	Jessica Rice, Hur	nan Resources Ma	anager							
RECOMMENDATION:	Approval									
TIMING:	Current									
DISCUSSION:	Section 2.13.2 <i>Sick Leave</i> of the County Personnel Policy has been updated for content, clarity, and formatting. The changes summarized below constitute a content review, as well as alignment with regulatory changes and current practices. This review and revision encompasses section 2.13.2 only. Changes have been reviewed by Constitutional Officers, applicable Agency Heads, and Department Directors. Policy Update Summary: Hybrid VRS members are now allotted 96 hrs (12 days) of sick leave per year, regardless of years of service. Permanent part-time and full-time staff may use sick leave as additional bereavement leave									
FISCAL IMPACT:	5 Hybrid employees would have been allotted an additional 8 hours of sick leave in FY 20. Totaling a savings of approximately \$1,000 for the County. Future fiscal years will see additional savings.									
POLICY IMPACT:	Revision to County Personnel Policy 2.13, Leave and Holidays									
LEGISLATIVE HISTORY:	N/A									
ENCLOSURES:	Modified Policy	2.13.2 Sick Leav	e draft							
REVIEWS COMPLETED:	Legal	Finance	Purchasing	HR XX	Other XX					

02. PERSONNEL



2.13. Leave and Holidays

2.13.2. <u>Sick Leave</u> BOS adopted – TBD

To be read in its entirety due to extensive reformatting; substantive changes highlighted in red.

A. Earning Sick Leave

1. Plan 1 and 2 VRS Employees

- a. Permanent full-time employees earn sick leave with pay at the rate of 8 hours per full month worked.
- b. Permanent part-time employees (at least 20 hours per week) earn sick leave with pay at the rate of 4 hours per full month worked.
 - c. Sick leave balances may be carried over from year to year without limit.
- d. Sick leave is not earned when an employee is absent for a period exceeding his or her earned leave balances.
- e. Sick leave is not earned during that portion of an absence with pay that exceeds 60 consecutive calendar days.

2. Hybrid VRS Employees

- a. Permanent full-time employees are provided a lump sum of 96 hours (12 days) of sick leave at the start of each fiscal year.
- b. Permanent part-time employees (at least 20 hours per week) are provided a lump sum of 48 hours (6 days) of sick leave at the start of each fiscal year.
 - c. Sick leave balances are not carried over from year to year.

B. Use of Sick Leave

- 1. Permanent employees may use sick leave for absences related to conditions that prevent them from performing their duties, including: illness, injury, other personal or immediate family health-related problems, medical appointments, pregnancy, childbirth, or a death in the immediate family (in addition to bereavement leave that may be authorized).
- 2. Employees shall notify their supervisor in advance of sick leave use whenever possible.

- 3. In advance of any planned sick leave period of three (3) or more consecutive work days, employees shall provide Human Resources with a written statement from their treating health care provider that includes:
 - a. General nature of the employee's condition;
 - b. Expected date of return to work;
 - c. Any limitations on the duties/schedule for the employee;
 - d. Expected date employee can return to full duties/schedule.
- 4. Upon return to work following any planned or unplanned sick leave period of three (3) or more consecutive work days, employees shall provide Human Resources with a written statement from their treating health care provider that includes:
 - a. General nature of the employee's condition that kept them from work;
 - b. Any limitations on the duties/schedule for the employee;
 - c. Expected date employee can return to full duties/schedule.
- 5. Written statements from the treating health care provider are also required when an employee uses sick leave for three (3) or more consecutive work days for the health care needs of an immediate family member. An immediate family member is defined in section 2-13-10.B.
- 6. All employees on approved sick leave shall be paid their prevailing wage based on their normal scheduled work week.
- 7. VRS Hybrid Plan employees drawing short- or long-term disability on an approved medical absence shall be paid according to the disability insurance provisions in effect at that time.
 - 8. Employees shall retain all benefits and seniority while on approved sick leave.

C. Other Sick Leave Provisions

- 1. Sick leave balances will transfer in their entirety with employees who move from one Fluvanna County department or constitutional office to another.
- 2. Full-time or part-time permanent employees with five or more years of continuous Fluvanna County service when their employment ends will be paid for twenty-five (25%) percent of their unused sick leave up to \$2,500.
- 3. Employees shall not use sick leave in lieu of annual leave. Employees found to be using sick leave inappropriately (e.g., "burning sick leave at the end of the fiscal year" or other inappropriate uses) are subject to disciplinary action up to and including dismissal.

FLUVANNA COUNTY BOARD OF SUPERVISORS

BCC APPOINTMENTS STAFF REPORT

TAB I

MEETING DATE:	Jun 19, 2019						
AGENDA TITLE:	Board, Commission, and Committee Appointments						
MOTION:	I move the Board of Supervisors recommend, to the Circuit Court, appointment to:						
Board/Commission	on/Committee Appointees Begins Term Ends Term						
JABA Advisory Cour	cil		July 1, 2019	June 30, 2022			

BCC VACANCIES AND APPLICANTS									
BCC Vacancies		Applicants	Appt	District	Current BCC Appointments / Other Notes				
JABA Advisory Council		Elva Key	REAPP	Columbia	JABA Advisory Council, Library Board of Trustees				
DISCUSSION:									
ENCLOSURES:	Candidate Applications								



APPLICATION TO SERVE ON BOARDS/COMMISSION/COMMITTEES County of Fluvanna

Name:	Election	Columbia	Cunningham	Fork Union			
Elva Franklin Key	District:	Palmyra	Rivanna	Other			
Mailing Address (including City, State, & ZIP)	Physical A	Address (if differ	ent)				
351 Franklin LN, Palmyra,	VAZZ963						
	ne Phone – preferred?	Email					
CILLIC GENERAL EXPERTISE/EDUCATION (PIE	ase provides dates	of education and	d avantiance 1:				
VA Union University Richm	and VA (2	years)	u experience.).				
VA Union University, Richm Central Elementary School (seen	tary 40	yrs. + 10	grs. partt.	me			
The state of the s		,		, , , , , , , , , , , , , , , , , , ,			
CURRENT OR PRIOR SERVICE ON BOARDS/COMMISSIONS	CAD CONANAITTEES						
JABA - advisory Board (eurre	nt)	Meals	on wheels	(5ub.			
Flyvanna Co. Library Board (curn	ent)			(ariver)			
Fluvanna Plana Commission (A	cinc)						
Fluvanna Co. Library Board (cura Fluvanna Planning Commission (p Bid Fluvanna School Rensus (p	rier)						
CIVIC ACTIVITIES AND MEMBERSHIPS (Roles with fraternal, business, church, or social groups – please provide dates):							
CIVIC ACTIVITIES AND MEMBERSHIPS (Roles with fraternal, business, church, or social groups - please provide dates): Evergreen Baptist Church Clife membership) Trustee, Sunday School (Supt.) Kests Store Series Cifizens Group (2nd & 4th Thursday School month.							
s an month.							
REASON(S) FOR WANTING TO SERVE FLUVANNA COUNTY	: 1 1.1		f A	6-1-			
It is very interesting, mee or encourage others to partie	+ a lot	y people,	you get T	o neip			
or encourage athers to partic	ipate or 1	o vote.					
				;			
Applicants are considered as vacancies occur and your application will be kept on file for three years. Fluvanna County does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provision of services.							
Submit by email (clerk@fluvannacounty.org) or mail to:							
Clerk, Board of Supervisors, PO Box 540, Palmyra, VA 22963							
By signing below you are indicating that you have read and that you agree to abide by the Bylaws of any E							
Applicant's Signature (Typing name below serves as		Date	- Thirty you may be	аррописа.			
	a.g.av.g.iocu.c/	06/07	1.0				
John Franklin Lay		06/27	//8				

Ver. Oct 2017

PLEASE INDICATE BELOW ANY BOARDS, COMMISSIONS, OR COMMITTEES ON WHICH YOU WISH TO SERVE.

X	Board, Commission, Committee
	Agricultural/Forestal District Advisory Committee
	Audit Committee
	Board of Zoning Appeals (BZA)
	Building Code of Appeals Board
	Central Virginia Regional Jail (CVRJ) Authority
	Columbia Task Force (CARE)
	Community Policy & Management Team (CPMT)
	Economic Development Authority (EDA)
	Economic Develop. & Tourism Advisory Council (EDTAC)
	Family Assessment and Planning Team
	Finance Board
	Fluvanna Partnership for Aging Committee
	Fork Union Sanitary District (FUSD) Advisory Committee
	James River Water Authority (JRWA)

X	Board, Commission, Committee (cont.)					
	JAUNT Board					
X	Jefferson Area Board of Aging (JABA) Advisory Council					
	Jefferson Area Board of Aging (JABA) Board of Directors					
X	Library Board of Trustees					
	Monticello Area Community Action Agency (MACAA)					
	Parks & Recreation Advisory Board					
	Piedmont Virginia Community College (PVCC) Board					
	Planning Commission					
	Region Ten Community Services Board					
	Rivanna River Basin Commission					
	Social Services Board					
	Thomas Jefferson Planning District Commission (TJPDC)					
	Thomas Jefferson Water Resources Protection Foundation					
	Youth Advisory Council (YAC)					

Fluvanna County Board, Committee, and Commission Attendance Policy

(Approved June 17, 2015)

- 1 BCC members shall attend at least two-thirds of all scheduled meetings in each calendar year while serving.
- 2. The Chairperson of the board, commission, or committee shall notify the Clerk to the Board of Supervisors of any absences exceeding this policy.
- 3. The Clerk shall report these findings to the Board of Supervisors, typically in closed session.
- 4. Appointees who do not meet the attendance requirement without a valid reason(s) may be deemed to have rendered an implied resignation of that appointment.
- 5. The Board may choose to accept the resignation and appoint another person to fill the appointed position. The Board may also override the implied resignation and extend the appointment, if extenuating circumstances so dictate.
- 6. This requirement shall apply to all boards, commissions, or committees listed on the attached application form, provided however, that if State or County Ordinance addresses attendance requirements in an alternative manner, such law shall prevail.

Office Use Only							
Application Received On:	6/15/18	Application Received By: Kelly Belanger Thurs					
Acknowledgement Sent:	415/18						
Renewal Date:		Remarks:					
Renewal Date:							
Renewal Date:							
Renewal Date:							

Ver, Oct 2017 Page 2 of 2

FLUVANNA COUNTY BOARD OF SUPERVISORS AGENDA ITEM STAFF REPORT

TAB J

MEETING DATE:	June 19, 2019									
AGENDA TITLE:	VDOT Quar	/DOT Quarterly Report								
MOTION(s):	N/A									
STRATEGIC INITIATIVE?	Yes	Yes No If yes, list initiative(s):								
AGENDA CATEGORY:	Public Heari	ng	Action	Matter	Presentation XX	Cons	ent Agenda	Other		
STAFF CONTACT(S):	Eric Dahl, Ac	Eric Dahl, Acting Community Development Director								
PRESENTER(S):		Bethel Kefyalew, Operations Engineer, & Alan Saunders, VDOT Residency Administrator								
RECOMMENDATION:	Information	Only	у							
TIMING:	Routine									
DISCUSSION:	Quarterly VDOT update.									
FISCAL IMPACT:	N/A									
POLICY IMPACT:	N/A									
LEGISLATIVE HISTORY:	N/A									
ENCLOSURES:	VDOT Quarterly Report									
REVIEWS COMPLETED:	Legal		Fina	ince	Purchasing		HR	Other		



Culpeper District, Louisa Residency

Fluvanna County Monthly Report: June 2019

Fluvanna Mileage, Structures

PRIMARY MILES	SECONDARY MILES	STRUCTURES	TOTAL MILES
102.34	598.62	75	700.96

Fatal Accidents

DATE	LOCATION	ALCOHOL	RESTRAINT
05/05/18	Route 250, at Route 631 Troy Rd	No	No
08/24/18	Route 250	Hit & Run	Pedestrian
09/18/18	Route 607	No	N/A
10/17/18	Route 619, East of Route 660	No	N/A
12/11/18	Route 659, 0.50 miles N of Route 626	No	Pedestrian
1/22/19	Route 656	No	Yes

^{*}Of the 843 fatalities in VA in 2017, 208 were related to distracted driving and 308 were motor vehicle occupants not wearing a seatbelt.

Link to SmaRteScale information

Link to SmaRteScale Projects (Filter for Fluvanna Co. Projects)

SmartScale Round 3 Applications:

- Thomas Jefferson Pkwy (Rte 53) & Turkeysag Trail (Rte 1015)
- James Madison Hwy (Rte 15) & Bybees Church Rd (Rte 613)
- James Madison Hwy (Rte 15) & Hunters Lodge Rd (Rte 631)
- Route 250 at Toy Road (Route 631)

Key Dates:

- February April, CTB considers evaluated projects for inclusion in the Six Year Improvement Program (SYIP)
- June, CTB adopts Final SYIP

Projects:

PROJECT	LAST MILESTONE	NEXT MILESTONE	AD DATE	
Route 53 Safety	Community			
improvements at Route 618,	Meeting	Advertisement	Anticipated NOV 2019	
Roundabout, (UPC:96938)	(Apr 2019)			
Route 680 – Rural Rustic	CN Begins	CN Completion	Anticipated Completion	
(UPC:107558)	(State Forces)	CN Completion	Summer 2019	
Route 629 Bridge	CN Dogins	CN Completion	Anticipated Completion	
Replacement (UPC 104848)	CN Begins	CN Completion	December 2019	



^{**10%} of all drivers do not wear a seatbelt. Of all driver fatalities, 50% are from the 10% that do not wear a seatbelt if the option was available.

Route 1001 – PE Study (UPC T22858)		PE Authorization	Anticipated to begin Summer 2019	
Route 659 – PE Study (UPC T22859)		PE Authorization	Anticipated to begin Summer 2019	
Route 600-618 Intersection	Environmental	Scoping	Anticipated	
Improvements (UPC 111739)	Review Process	Scoping	FEB 2022	

Additional Road Projects:

- On-Call Pipe Replacements (UPC 106020)
- District Wide Guardrail Repair and/or Replacement (UPC 106849)
- District Wide ADA Compliance (UPC 108027)
- On-Call District Wide Pavement Marking (UPC 108282)
- District-Wide Primary Rumble-Strips, 9999-967-280 (UPC 106978)

0	Route	County MP Start	County MP End	Location Description	Length (LM)	Center/Edge
	15	15 576 1776		From Saylor Lane to Roundabout at Rte. 53 (Thomas Jefferson Pkwy)	7.5	Center
	250	106.54	108.45	From Albemarle County Line to Rte. 600 (Paynes Mill Rd)	1.91	Center

State-Force and District-Wide Bridge Projects:

- District Wide Bridge Deck Cleaning and Washing (UPC 105980);
- District Wide Bridge Maintenance (UPC 105979);
- Route 623 over Venable Creek, Completed;
- Route 53, .5 miles S of Lake Monticello Rd Emergency Pipe Replacement; Completed
- Route 616 Soil Nailing Slope Repair; Completed

Resurfacing Projects:

VDOT provided the County with a list of routes included in the 2019 resurfacing schedule. Customers can review routes to be resurfaced and their status through the following link: http://www.virginiadot.org/projects/culpeper/19culpeperdistrictpaving.asp

Fluvanna County Resurfacing								
	Plant	Mix	Surface Treatment					
Schedule	Miles	Cost/Estimate	Schedule	Miles	Cost/Estimate			
2017	6.76	\$1,093,000	2017	52.29	\$587,000			
2018 6.38		\$1,015,000	2018	73.86	\$550,000			
2019	4.94	\$863,675	2019	43.65	\$590,849			



Traffic Engineering

Studies under Review:

• Route 250 speed study, from Route 631 to Route 15.

Completed Studies:

- Route 53 shoulder safety improvements (proximity 4800 block +/-); Curve warning signs to be installed
- Route 600/616 intersection: sight-distance and pavement marking improvements completed

County Safety and Operational Improvements:

- Route 250 at Route 631 (Troy Rd): grading to improve sight distance is completed
- Route 600 at Broken Island Rd: Request for safety improvements to improve visibility at the curve; Larger chevron signs and puppy track pavement markings have been installed
- Village of Palmyra Traffic Circle: County and VDOT staff plan to simulate EMS response prior to installing pavement markings;
- Route 53 at Route 660 (Cunningham): VDOT continues to evaluate this intersection for interim and long-term safety improvements
- Route 629/631 intersection review completed; VDOT is coordinating with property owners to perform minor grading to improve sight distance

Area Land Use

	Fluvanna Plan/Plat Review - Received Apr-May 2019									
Project Name	Routes/Address	Submission Type	VDOT	VDOT	Locality	VDOT	Status			
Project ivallie	Routes/Address	Submission Type	Contact	Received Date	Due Date	Comment Date	Status			
Catherine Edwards Grey	15-17934 James Madison	Site Plan,	Mark	4/4/2010	5/17/2019	4/12/2010	Review Complete -			
"Gardenkeepers"	Hwy	Site Plan,	Wood	4/4/2019	5/17/2019	4/12/2019	Acceptable			
Island Hill Rural Cluster	600-South Boston Road	Site Plan, Preliminary	Mark	4/4/2019	5/17/2019	4/29/2019	Review Complete -			
Major Sub	000-30util Bostoli Koau	Plat Review,	Wood	4/4/2019	3/17/2019	4/29/2019	Revision Required			
Proposed Retail Store on	15-6690 James Madsion	Conditional Use,	John	4/5/2019	F /20 /2010	4/10/2019	Review Complete -			
Rte. 15	Rte. 15 Hwy, Fork Union, VA 23033		Wilson 4/5/2019	5/20/2019	4/10/2019	Acceptable				
Hilsinger Minor	636-Nahor Manor Road	Preliminary Plat	Mark 4/11/2019 5/24/	5/24/2019	4/16/2019	Review Complete -				
Subdivison	030-Nation Mation Road	Review,	Wood	4/11/2019	3/24/2013	4/10/2013	Revision Required			
Parrish & Thomas Minor	660-2901 Slaters Ford Rd.,	Final Plat Review,	Mark	4/11/2019	5/24/2019	4/16/2019	Review Complete -			
Subdivision	Palmyra, VA 22963		Wood				Acceptable			
Village Oaks Phase	618-Lake Monticello Rd	Final Plat Review,	Mark	4/11/2019	5/24/2019	5/6/2019	Review Complete -			
1B&2 Final Plat	018-Lake Montreello Nu		Wood				Revision Required			
Megan Harris Minor	6-5128 West River Road	Preliminary Plat	Mark	4/25/2019	6/7/2019	5/17/2019	Review Complete -			
Subdivision	0-3128 West River Road	Review, Wo		4/23/2019	0/7/2019	3/17/2019	Revision Required			
Carbon Core Final Site	1021-Zion Station Road	Site Plan,	Mark	4/25/2019	6/7/2019	4/30/2019	Review Complete -			
Plan	1021-21011 Station Road	Site Fian,	Wood	4/23/2019	0/7/2019	4/30/2019	Revision Required			
Carbon Core Final Site	1021-Zion Station Road	Site Plan,	Mark	5/9/2019	6/21/2019	5/17/2019	Review Complete -			
Plan revised	Plan revised 1021-21011 Station Road		Wood 3/9/20	3/3/2019	0,21,2013	3/11/2019	Acceptable			
VEPCO-Centralized	656-1038 Bremo Road,	Site Plan,	John	5/6/2019	6/20/2019	5/9/2019	Review Complete -			
Water Treatment System	Bremo Bluff, VA 23022	Jite Flail,	Wilson		0,20,2019	3/9/2019	Revision Required			

- Colonial Circle Community Meeting @ Effort Baptist Church April 28, 2019
- Winding Ridge Street Acceptance request has been approved

Maintenance Activities

VDOT crews in Palmyra and Zion Crossroads Area HQ have responded to **573** Work Orders in FY19. Top actives have been tree removal and culvert work.

BOS Manual:

http://www.virginiadot.org/business/resources/local assistance/BOSmanual.pdf

Alan Saunders, P.E. Residency Engineer VDOT Louisa Residency 540-967-3710

FLUVANNA COUNTY BOARD OF SUPERVISORS AGENDA ITEM STAFF REPORT

TAB K

MEETING DATE:	June 19, 20	June 19, 2019							
AGENDA TITLE:	Palmyra Ar	Palmyra Area Revitalization Committee "PARC" Projects							
MOTION(s):	N/A								
STRATEGIC INITIATIVE? Yes No If yes, list initiative(s):									
	Public Hear	ing	Action	Matter	Presentation Conse		ent Agenda	Other	
AGENDA CATEGORY:					х				
STAFF CONTACT(S):	Aaron Spitze Calvin Hickn				nd Recreation Works				
PRESENTER(S):	Kris Krechoweckyj, PARC Chair; accompanied by Kornel Krechoweckyj, Jan Pavlacka, and Jackie Bland								
RECOMMENDATION:	Direction and funding request for PARC								
TIMING:	Current								
DISCUSSION:	This presentation is to update the BOS on projects PARC has been working on since the BOS directed the formation of the committee in August of 2018. PARC would like to get direction from the BOS on the projects and request funding to allow for PARC to continue to work on the projects discussed in this presentation.							PARC would g to allow for	
FISCAL IMPACT:	+/- \$2,500								
POLICY IMPACT:	N/A								
LEGISLATIVE HISTORY:	N/A								
ENCLOSURES:	PARC PowerPoint, Walking Tour Brochure, Two Courthouse Posters, and Sponsorship Brochure						and		
DEVIEWS COMPLETED	Legal		Fina	ince	Purchasing		HR	Other	
REVIEWS COMPLETED:								X	

PALMYRA AREA REVITALIZATION COMMITTEE

INTERIM REPORT JUNE 19, 2019

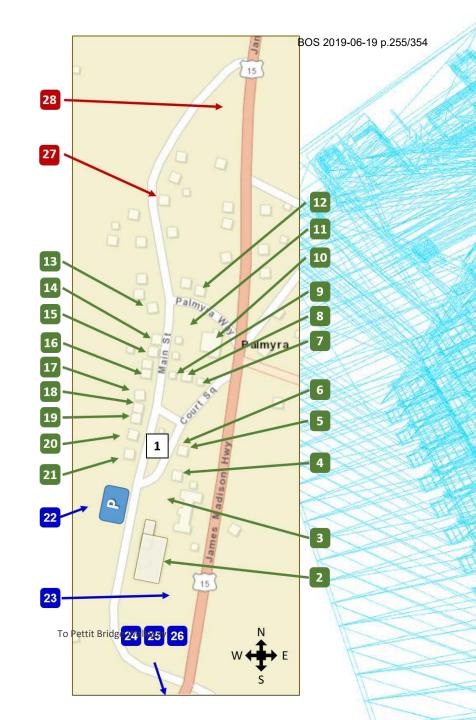
VILLAGE BENCH PROJECT

- 5 benches acquired through sponsorship
- 4 Installation Sites
- Ongoing project



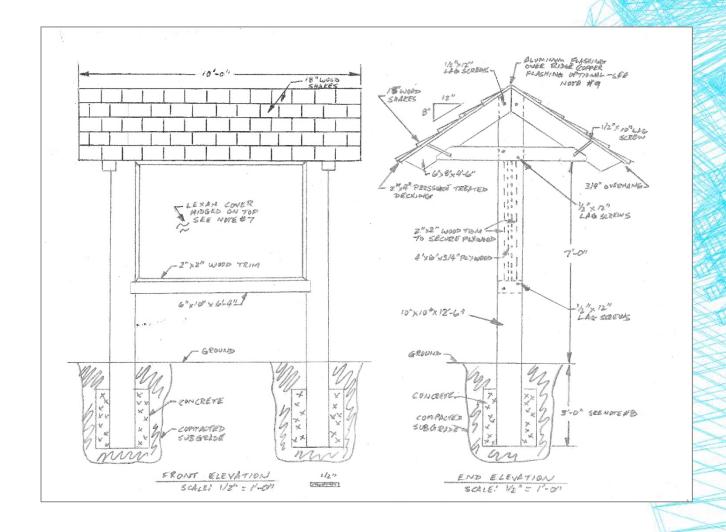
VILLAGE WALKING TOUR

- Revised and expanded walking tour
- Tour to begin at Civil War Park
- 3 separate sections
- Future Plans



VILLAGE KIOSKS

- PARC plans to build a village kiosk
- Encourage a second volunteer-built kiosk



VILLAGE SIGNAGE

- Oval slate signs in village
- To coordinate with the new village walking tour

Former Building
of
MIDLAND VIRGINIAN
ca. 1939
Palmyra Area Revitalization Committee

Fluvanna County Courthouse The Acropolis of Falmyza Within A Virginia Landmark and National Register of Historic Places District The latent medical and the second of the second of

comprise an area designated to 1971, as an horizon distinct on the Vigoria Landenski's Register and the National Register of Historia Places. The skill coordinate in new used for community and harmough:

John Hartwell Cocke

Soldier, Reformer, Friend to Thomas Jefferson

Member of the Founding Board of Visitors of the University of Virginia

Julin Hartord Cooke and Thomas Jefferson should may ninemis regulates of a 22-year gay in age and interpretated differents. Note obscured at the College of Wilson & May in Wilson-look flow year of broken Cooke was interested in beinge matched, and broken Cooke was interested in beinge matched, and general the University of Vergion in Countries of the Cooke was not consistent of the Cooke of t

Nom in 1870 in Nurry County in nation. Vingois and nated them, Cooke married Ann Kleav Roman in 1802. Jones years hen, Cooke mored his leasy to rehear the fine of the selection of the James County dong the James Rose where he would develop Rosen Peter where he would develop Rosen Peter State of the State County of the State County of the State County of the West of 1812 Coule was commissioned.



John Harrack

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Ablough Code and Jellmann covered coursy makered worders, they were both conditional about the institution of decemp Like Jellmann, Code believed in cotting the solid believed to the contraction of the december of the dece

Cooks and Jefferson were greatly interested in arbitration. Jefferson hall his Montinells desulter sealing a property that today, doing with the Lawn or University of Virgoria; is emorgisted as World Hestings His Jefferson's Virgoin Histo Capital in the first field such dates it hadding to not a system emorgist. The property of the Capital in the first field such dates it hadding to not a system emorgist many of the Capital in the first such dates and to the control of the Capital in the seal alternation of the Capital in the seal alternation and the capital in the Capi

Cake consume the design and halding of these architecturity desinguished properties at the primary cannot librors. Hereasters for Halding cannot be that the profession consume, to consume the Form A. Let preserved, along with more associated substituting and from statistical, and consulty manfel. The constraints of the constraints of the constraints of the constraints of the constraint of the Berros. Since Order, a simple Colladors and constraints of constraints often in the constraint of the constraints of the constraint of the constraint of the constraint of the constraint of the constraints of the constraints of the constraints of the constraint of the constraints of the





Person Since Chapter

Grain and Jefferson shared a greater corporal for each other Referencing his friend Grain, Jefferson wrote:

"There is no jump in the U.C. in also more I shall have noted epithen. His invise, harden justicity, judicity: O' jumping."

(Thomas Jefferson in John David, Jan. 13, 1936)

In consideration of Jeffersork esteem for his friend, Cooke was appointed to the Inner of Cooke Cookee, the condensator to the University of Victoria

"Rembal that Throw Juffren and John H. Code is a mention or the part of it.
Vision with authority fronty or morely to whose and authority all place and it applicates of mental front and the political or mental front to the political or the front place and front to the front place and front to the front place the transfer of the front place of the front place.

Th Jighton, Jame Morra, Jame Makins, J.H. Golte, May 1, 1977.

In 1315, Cooke was approximately the Vingoia Common James Waters Pression in the fact Braned of Visions of the University of Vingoias, Cooke points pleases in superiorthe construction of the company and Cooke west on to serve on the generating board of the University of Vingoia for more than three detailed. Cooke Held on the month wish of the Leave at the University of Vingoia was completed in 1869 and in month the difference thermal formal.

Whit opposed to skewny jobs Harmell Croite maintained his allegions to Virginia and the Youth theirig the Crid Was. When the was ential, Croix against five a presidential pushes from the United Nation presentest and took as such of accoming as 1865. The following year Croix dark at the age of St. He is interested of Record Record and the grant of the following present in grant of the first and second virginia.

Name the Saleshalor Saleshalor

Old Courthouse display posters

Vacidade

The continues harminosis in the entire of legal and governments actively for Filmens for TO years and it was replaced by a new and made legal recordings in 2007. In optic of the nation of one and made legal recordings in 2007. In optic of the nation of one and stage pack and travel the sons considerant method being package. Each of the control of th

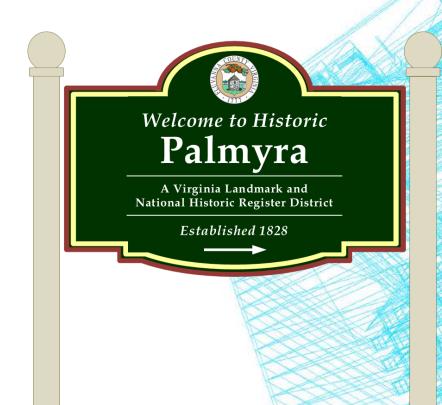
https://deballerings.com

ROUTE 15 SIGNAGE

 Propose 2 "Historic Palmyra" signs for locations on Route 15



- Replacement of historic courthouse marker
- Request additional historic markers for:
 - Old Stone Jail
 - Pleasant Grove House



CIVIL WAR PARK & OLD STONE JAIL



- In process new bench being added to the park
- Request cutting back the shrubs
- Suggest better park accessibility by removing 2 wall sections
- Nature projects





COMMUNITY OUTREACH

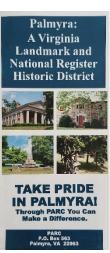
- Encourage visitation to the village
- One-time Village Town Hall meeting
- Propose 'new' programs in village
- Encourage volunteerism



FINANCIAL REPORT

- Establish a new collection/ payment procedure for PARC
- Adjust PARC sponsorship brochure to include these changes

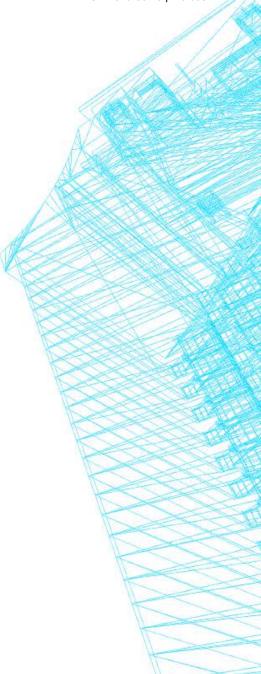
PARC Sponsorship
Brochure



	2018-2019 STATEMENT OF ACTIVITY	2000 - S. ()
Income		
	Bench/plaque Sponorship	\$3,123.62
	Donations	\$50.00
	Total	\$3,173.62
Expenses		
	Benches/plaques purchased	\$2,841.62
Net	PARC Surplus	\$332.00
	Other:	
	PARC members donations/expenses (approx.)	\$50.00
	Volunteer hours (approx.)	500

FINANCIAL PROJECTIONS

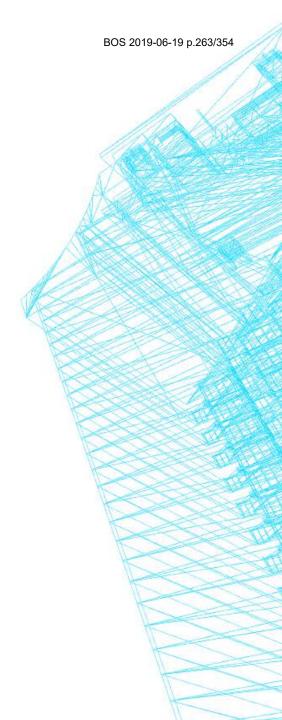
FINANCIAL PROJECTIONS June	e 2019 - June 2020		
PARC Funded Projects	Cost (approx)		
Kiosk	\$2,000		
2 Special Programs ¹	\$200		
2 Wreaths for Courthouse	\$60		
1 Town Hall meeting ¹	\$50		
Total	\$2,310		
County Funded Projects			
Brochures printing	?		
2 Route 15 Welcome Signs	?		
Village Slate Signs	~ \$2000		
2 Courthouse Posters	?		
PARC Program Sponsorship	\$0		
Total			
Note:			
1 - With Economic Developme	nt as Sponsor		



NEXT STEPS

 Board of Supervisors continued support for PARC initiatives

 Appropriation of funding to achieve PARC initiatives



FLUVANNA COUNTY BOARD OF SUPERVISORS AGENDA ITEM STAFF REPORT

TAB L

MEETING DATE:	June 19, 201	June 19, 2019					
AGENDA TITLE:	Virginia Sce	Virginia Scenic Rivers Program – James River					
MOTION(s):	N/A						
STRATEGIC INITIATIVE?	Yes	No X		If yes, list initiativ	/e(s):		
AGENDA CATEGORY:	Public Hearin		Matter	Presentation X	Consent Agenda	Other	
STAFF CONTACT(S):	Eric Dahl, De	outy County	Admin				
PRESENTER(S):	Eric Dahl, De Recreation (E		Admin a	ınd Lynn Crump, [Dept. of Conservat	ion and	
RECOMMENDATION:	Approve/den	y letter requ	uesting t	he study.			
TIMING:	Routine						
DISCUSSION:	 The Town of Scottsville is requesting a study from DCR for the James River to be designated as a State Scenic River. The river segment length could vary depending upon the adjacent counties participating and requesting the study. The section determined to be studied along the James River could be from Howardsville (Rockfish River) to Columbia (Rivanna River) for a 34 mile section. The Rivanna River is designated as a State Scenic River and was the first one designated in the program. The counties of Albemarle, Buckingham, Cumberland and Fluvanna would need to write a letter requesting to participate in the study for that 34 mile section. Funding is not required for this request, the study is funded by DCR. 						
FISCAL IMPACT:	None						
POLICY IMPACT:	N/A						
LEGISLATIVE HISTORY:	N/A						
ENCLOSURES:	 Letter from the Town of Scottsville Letter from DCR on the Town of Scottsville's request 						
REVIEWS COMPLETED:	Legal	Fina	ince	Purchasing	HR	Other X	



Town Administrator
MATTHEW LAWLESS

Town Clerk
THOMAS UNSWORTH

TOWN OF SCOTTSVILLE

VICTORY HALL 401 VALLEY STREET SCOTTSVILLE, VIRGINIA 24590

TELEPHONE: (434) 286-9267 FACSIMILE: (434) 286-4237 www.scottsville.org

BOS 2019-06-19 p.266/354

NANCY GILL

Town Council
ZACHARY BULLOCK
R. DANIEL GRITSKO
LAURA MELLUSI
STUART MUNSON
EDWARD PAYNE

JOSHUA PECK
Town Attorney
JAMES BOWLING IV

April 17, 2019

Virginia Department of Conservation and Recreation 600 E. Main St., 24th floor Richmond, VA 23219

Attention: Lynn Crump, PLA, Scenic Resources Coordinator

Dear Ms. Crump:

At the April 15, 2019 regular business meeting of the Scottsville Town Council, I was directed to officially request that the Virginia Department of Conservation and Recreation study the segment of the James River around Scottsville to determine if this section might meet the requirements to be designated a State Scenic River. The Council approved my submitting this letter and requesting this designation of the James River under the Virginia Scenic Rivers Act of 1970.

The Town will coordinate this effort with the James River Association, the Thomas Jefferson Planning District Commission, and the Counties of Albemarle, Buckingham, and Fluvanna. The maximal river segment could be 34 miles from Howardsville to Columbia, where the Rivanna River is already designated a State Scenic River. A minimal river segment could be 6.5 miles from Hatton Ferry around the Horseshoe Bend, both being sites of ecological, geological, and historical distinction. Our state and regional partnership will determine the best qualifying river segment.

Please let me how I can further support this effort. Thank you for all your efforts in conservation and recreation on Virginia's waterways.

Respectfully,

Matthew Lawless

Scottsville Town administrator

Matthe M. Jole

CC: Chip Boyles, TJPDC; Rebecca Carter, Buckingham County; Eric Dahl, Fluvanna County; Justin Doyle, James River Association; David Hannah, Albemarle County

Matthew J. Strickler Secretary of Natural Resources

Clyde E. Cristman



COMMONWEALTH of VIRGINIA

DEPARTMENT OF CONSERVATION AND RECREATION

May 25, 2019

Rochelle Altholz Deputy Director of Administration and Finance

Russell W. Baxter Deputy Director of Dam Safety & Floodplain Management and Soit & Water Conservation

Thomas L. Smith Deputy Director of Operations

Mr. Matt Lawless Scottsville Town Administrator 401 Valley Street Scottsville, Virginia 24590

RE: Proposed Scenic River Study of a section of the James River around Scottsville

Dear Mr. Lawless:

Thank you for your letter of April 17, 2019, expressing interest in the Virginia Scenic Rivers program and requesting that a section of the James River be studied to determine if it qualifies for Scenic River designation. The Department of Conservation and Recreation (DCR) administration and staff look forward to working with you and the adjacent counties on the evaluation of the section from Howardsville at the confluence of the Rockfish River, a designated Virginia Scenic River, to the confluence of the Rivanna River, a designated Scenic River, at Columbia. The length of this section is approximately 34.2 miles.

We are currently finalizing our work plan for the summer of 2019. Please note that all field work must be completed while the river is paddleable and before the leaves fall. We understand that there is a meeting on June 10 to discuss this project with all impacted counties. Once it is decided to move forward with the project, please contact Lynn Crump, Environmental Programs Planner and coordinator of the Scenic Rivers program. Lynn can be reached at 804-786-5054 or Lynn.crump@dcr.virginia,gov. She will need the following at your earliest convenience:

- 1. The name and contact information of your representative(s) who will be working with Ms. Crump on this project.
- 2. A guide who is familiar with current river conditions, at least two boats with paddlers, and a shuttle to assist the DCR staff who will be floating/paddling the river segments. It is anticipated that the evaluation will take at least 2 days on the river.
- 3. Suggestions for possible dates for the river field evaluation before the river gets too low. We ask that you coordinate with your staff when proposing dates so that we can complete all necessary field work within two or three days.
- 4. A copy of your County and Town comprehensive plans and/or strategic plans (or digital links to those plans) that show support for protection of natural resources and/or the James River and information on all historic sites within 1000 feet of the river's edge.

Mr. Matt Lawless May 25, 2019 Page 2

We are excited to work with you to recognize the attributes of the James River that contribute to the quality of life in your community. Thank you again for your interest in the Virginia Scenic Rivers Program.

Sincerely,

Danette M. Poole, Division Director Planning and Recreation Resources

C: Albemarle County Board of Supervisors
Rebecca Carter, County Administrator, Buckingham County
Eric Dahl, Deputy County Administrator, Fluvanna County
Vivian Seay Giles, County Administrator/County Attorney, Cumberland County
Chip Boyles, Executive Director, Thomas Jefferson Planning District Commission
Grace Leonard, Planner II, Thomas Jefferson Planning District Commission
David Hannah, Natural Resources Manager, Albemarle County
Justin Doyle, James River Association
Lynn Crump, DCR, Environmental Programs Planner

FLUVANNA COUNTY BOARD OF SUPERVISORS AGENDA ITEM STAFF REPORT

TAB M

MEETING DATE:	June 19, 201	June 19, 2019					
AGENDA TITLE:	Adoption of Minutes.	Adoption of the Fluvanna County Board of Supervisors June 5, 2019 Meeting Minutes.					
MOTION(s):		I move the meeting minutes of the Fluvanna County Board of Supervisors Regular Meeting on Wednesday, June 5, 2019, be adopted.					
STRATEGIC INITIATIVE?	Yes	No		If yes, list initiativ	ve(s):		
STRATEGIC INTIATIVE:		Х		<u> </u>			
AGENDA CATEGORY:	Public Hearin	g Action	Matter	Presentation	Cons	ent Agenda	Other
AGENDA CATEGORY.						XX	
STAFF CONTACT(S):	Kelly Belange	r Harris, Cle	erk to the	Board			
PRESENTER(S):	Steven M. Nic	chols, Coun	ty Admin	istrator			
RECOMMENDATION:	Approve						
TIMING:	Routine						
DISCUSSION:	None.	None.					
FISCAL IMPACT:	N/A						
POLICY IMPACT:	N/A						
LEGISLATIVE HISTORY:	None						
ENCLOSURES:	Draft Minutes for June 5, 2019						
REVIEWS COMPLETED:	Legal	Fina	ance	Purchasing		HR	Other

FLUVANNA COUNTY BOARD OF SUPERVISORS REGULAR MEETING MINUTES

June 5, 2019

Regular Meeting 4:00pm – Circuit Courtroom Work Session 7:00pm – Morris Room

MEMBERS PRESENT: John M. (Mike) Sheridan, Columbia District, Chair

Tony O'Brien, Rivanna District, Vice Chair (Arrived at 4:06pm)

Mozell Booker, Fork Union District Patricia Eager, Palmyra District

Donald W. Weaver, Cunningham District

ABSENT: None

ALSO PRESENT: Steven M. Nichols, County Administrator

Will Tanner, Deputy County Attorney

Kelly Belanger Harris, Clerk to the Board of Supervisors

1 - CALL TO ORDER, PLEDGE OF ALLEGIANCE, & MOMENT OF SILENCE

At 4:03pm Chair Sheridan called to order the Regular Meeting of June 5, 2019. After the recitation of the Pledge of Allegiance, a moment of silence was observed.

3 - ADOPTION OF AGENDA

Mr. Nichols noted that Item J has been withdrawn.

MOTION:	Accept the Agenda for the June 5, 2019 Regular Meeting of the Board of					
WOTION.	Supervisors, as amended.					
MEMBER:	Mr. Sheridan	Mrs. Booker	Mrs. Eager	Mr. O'Brien	Mr. Weaver	
VOTE:	Yes	Yes	Yes	Absent	Yes	
ACTION:		Second			Motion	
RESULT:			PASSED 4-0			

4 - COUNTY ADMINISTRATOR'S REPORT

Mr. Nichols reported on the following topics:

- Staff and Community Recognitions
 - Two New Sheriff's Office Deputies recently graduated from the law enforcement academy:
 - Deputy Logan Fielding, Highest academic achievement in his class
 - Deputy Chuck Hoffman
 - Both will be serving Fluvanna in the Patrol Division
- > Announcements and Updates
 - Recent Emergency Training Exercises scheduled and organized by Debbie Smith, Emergency Management Coordinator
 - o Tabletop Exercise: 15 Organizations attended and 40 Individuals
 - o Shelter Drill: 5 Organizations and 65 individuals participated
 - Persimmon Tree Dedication In honor and remembrance of Seaman Dakota Kyle Rigsby
 - o June 17, 2019, 6:30pm, Civil War Park
 - Fox Hollow Subdivision Update A one year inspection of Country Creek Way finds the street remains in good condition. VDOT has released the Surety Bond issued as Resolution No.17-2017 in the amount of \$28,000.
 - New Parks and Recreation Staff member onboard Dylan Morris Athletics & Special Events Coordinator. Started Monday, June 3rd.
 - New Job Recruitment/Advertisement Package available

Upcoming Meetings

Day	Date	Time	Purpose	Location
Wed	Jun 19	4:00 PM 7:00 PM	Joint BOS and Planning Commission Work Session Regular Meeting	Courtroom Courtroom
Wed	Jul 2	4:00 PM 7:00 PM	Regular Meeting	Courtroom

5 - PUBLIC COMMENTS #1

At 4:11pm Chair Sheridan opened the first round of Public Comments.

With no one wishing to speak, Chair Sheridan closed the first round of Public Comments at 4:11pm.

6 - PUBLIC HEARING

None.

7 - ACTION MATTERS

County Attorney Agreement—Steven. M. Nichols, County Administrator presented the FY20 County Agreement. With no discussion,

MOTION: Approve the County Attorney's Compensation Agreement for					al Year 2020
WIOTION.	services, effective July 1, 2019, with no change in rates from FY19.				
MEMBER:	Mr. Sheridan	Mrs. Booker	Mrs. Eager	Mr. O'Brien	Mr. Weaver
VOTE:	Yes	Yes	Yes	Yes	Yes
ACTION:		Second	Motion		
RESULT:			PASSED 5-0		

NetMotion Addendum—Cyndi Toler, Purchasing Officer presented an addendum to the current NetMotion Contract. Highlights of the addendum:

- The CAD System requires a VPN (Virtual Private Network) in order to communicate and transmit data over secured lines to each other and to Dispatch
- NetMotion is specifically designed for Mobile devices to account for poor signal and dropped calls/data by enhancing and optimizing network connectivity
- Allows for transparent transitions between cellular, Wi-Fi and wired networks
- Has been in use since August 2018; no issues, desire to continue with this company
- We have been offered a discount for an extended renewal of 3 years.
 - o 1 year renewal is \$6,300
 - o 3 year renewal is \$15,120
 - Saving the county \$3,780 over the 3 years
 - Because of cost savings with other maintenance contracts, there are enough funds available to pay the 3 year renewal without increasing the budget

Following brief discussion,

	Approve the addendum to the contract between the County of Fluvanna,					
MOTION:	Virginia, and AT&T Mobility National Accounts LLC, for the NetMotion Mobility					
	Administrator to execute the agreement subject to approval as to form by the					
	County Attorne	y.				
MEMBER:	Mr. Sheridan	Mrs. Booker	Mrs. Eager	Mr. O'Brien	Mr. Weaver	
VOTE:	Yes	Yes	Yes	Yes	Yes	
ACTION:		Motion	Second			
RESULT:			PASSED 5-0			

Next Generation Core Services Solution—Cyndi Toler, Purchasing Officer brought forward a request to approve an agreement between the County and AT&T for the State-required NG9-1-1 initiative.

Mrs. Toler highlighted:

- NG9-1-1 is a state-wide initiative with no option for not deploying the new system.
- September 2018 Board approved acceptance of the NG911 grant from VITA
- Grant funds will be used to replace the current voice logging software, and other equipment related to E-911
 - Voice logging software is used to monitor and verify communications and interactions; it allows dispatchers to rapidly and proactively listen in and instantly review any call.
- This participation agreement is for the software only; there will be additional charges against the grant for the call handling equipment that will be required
 - Reoccurring Costs
 - Current Software System Costs: approximately \$4,529 a month.
 - The grant will reimburse additional costs for 24 months.
 - Estimated Additional Cost after Deployment: \$1,034 a month; this amount will not be finalized until closer to deployment.
- State grant award of estimated \$246,000. State pays full cost of one-time installation and first 24 months of contractual cost increase.

Following brief discussion,

MOTION:	Approve the participation agreement between the County of Fluvanna, Virginia, and AT&T Corp, for the Next Generation Core Services Solution with the non-recurring cost to be billed directly to VITA under the NG911 Grant and further authorize the County Administrator to execute the agreement subject to approval as to form by the County Attorney.				
MEMBER:	Mr. Sheridan	Mrs. Booker	Mrs. Eager	Mr. O'Brien	Mr. Weaver
VOTE:	Yes	Yes	Yes	Yes	Yes
ACTION:			Second	Motion	
RESULT:			PASSED 5-0		

FY19 CSA Purchase of Services Supplemental Budget Appropriation—Bryan Moeller, CSA Coordinator requested approval of a supplemental appropriation to the FY19 CSA Purchase of Services Budget, which is projected to be over-budget. Local funds will account for approximately 38% of the total CSA Purchase of Services budget and the State pool covers the remaining 62%.

- CSA Purchase of Services is projected to be over budget by \$100,000
 - \$47,640 Local Share (Unassigned Fund Balance)
 - o \$52,360 State Share
- This over-budget balance changes daily as children come into the program, and as unused funds are released for services. This supplemental appropriation would make the revised FY18 budget \$2,950,000.
- Residential/Educational Services FY17-FY19
 - Approximately over one third (37%) of our clients account over half (53.1%) of our costs.
 - o Fluvanna County CSA currently has 112 open cases.
- Children in Private Day/Residential Placements
 - o 20% increase in private day placements for FY19
 - Consistent with state trends
 - o Sudden increase in residential placements in May/June 2019

There being no discussion,

2011-6 110 011000	/				
MOTION:	Approve a supplemental appropriation of \$100,000 for the FY19 CSA Purchase of Services Budget, with the \$47,640 local portion of funding to come from Unassigned Fund Balance and the state portion of \$52,360 to come from the Office of Children's Services.				
MEMBER:	Mr. Sheridan	Mrs. Booker	Mrs. Eager	Mr. O'Brien	Mr. Weaver
VOTE:	Yes	Yes	Yes	Yes	Yes
ACTION:			Motion		Second
RESULT:			PASSED 5-0		

Columbia Area Renewal Effort (CARE) Charter and Member Extension—Steven M. Nichols, County Administrator requested extension of the Columbia Area Renewal Effort (CARE) Charter and membership extension. With no discussion,

MOTION:	Approve a one-year extension of the CARE Task Force Charter until June 30, 2020 and further move to extend Task Force member appointments for terms to end June 30, 2020.				
MEMBER:	Mr. Sheridan	Mrs. Booker	Mrs. Eager	Mr. O'Brien	Mr. Weaver
VOTE:	Yes	Yes	Yes	Yes	Yes
ACTION:			Second	Motion	
RESULT:			PASSED 5-0		

Initiation of Zoning Text Amendment – Industrial Setbacks—Brad Robinson, Senior Planner requested adoption of a resolution to initiate a Zoning Text Amendment with regard to Chapter 22 of the Fluvanna County Code.

• Current setback requirements

Zoning	Building Setback	Parking Setback
I-1	100' *	50' *
I-2	200'	None specified

^{*}Buildings and accessory uses may be located less than one hundred feet (100'), but not less than fifty feet (50'), from a street right-of-way, provided that said street:

- o is an access road within a subdivision for business or industrial uses and serves properties that contain industrial zoning district classifications only;
- o is a cul-de-sac or an interior road.
- All parking lots shall be located not less than twenty-five feet (25') from any street right of way.
- The proposed changes were brought to attention by a current Board of Zoning appeals case.
- Adoption of this resolution would start the process of the Planning Commission reviewing staff
 recommendations for changes to the ordinance; following review and a Public Hearing at the Planning
 Commission, the Board would then hold a Public Hearing.

Mr. Nichols inquired of a Joint Public Hearing with Planning Commission in order to expedite the changes. Mr. Tanner indicated there is no legal impediment, so long as the noticing requirements are met. At the direction of the Board, Staff will proceed with a Joint Public Hearing on July 9, 2019, during the regular Planning Commission.

	Adopt the attached resolution to initiate a Zoning Text Amendment to amend
MOTION:	Chapter 22 of the Fluvanna County Code for yard setback regulations of the I-1,
	Industrial, Limited and I-2, Industrial, General zoning districts, and to schedule a

	future public hearing for formal Planning Commission consideration and								
	recommendation	recommendation to the Board of Supervisors.							
MEMBER:	Mr. Sheridan	Mr. Sheridan Mrs. Booker Mrs. Eager Mr. O'Brien Mr. Weaver							
VOTE:	Yes	Yes	Yes	Yes	Yes				
ACTION:		Second Motion							
RESULT:	PASSED 5-0								

7A – BOARDS AND COMMISSIONS

MOTION:	Approve the fol	lowing Board, Co	mmission, or Co	mmittee appoint	tment(s):		
	Jefferson Area E (JABA) Board of		Paul Bevins	July 1, 2019	June 30, 2021		
MEMBER:	Mr. Sheridan Mrs. Booker		Mrs. Eager	Mr. O'Brien	Mr. Weaver		
VOTE:	Yes	Yes Yes		Yes	Yes		
ACTION:		Motion		Second			
RESULT:	PASSED 5-0						

8 – PRESENTATIONS

None.

9 - CONSENT AGENDA

WITHDRAWN - FLSA Status Changes for Assistant PW Director Positions - Jessica Rice, HR Manager

The following items were approved under the Consent Agenda for June 5, 2019:

Minutes of May 15, 2019—Kelly Belanger Harris, Clerk to the Board

New Hire Salary Ratification – Community Development Director – Jessica Rice, HR Manager

ZXR Sargent Change Order #1—Cyndi Toler, Purchasing Officer

MOTION:	Approve the comeeting.	Approve the consent agenda, for the June 5, 2019, Board of Supervisors meeting.							
MEMBER:	Mr. Sheridan	Mr. Weaver							
VOTE:	Yes	Yes	Yes	Yes	Yes				
ACTION:		Second			Motion				
RESULT:			PASSED 5-0						

10 - UNFINISHED BUSINESS

None.

11 - NEW BUSINESS

None.

12 - PUBLIC COMMENTS #2

At 4:48pm Chair Sheridan opened the second round of Public Comments.

With no one else wishing to speak, Chair Sheridan closed the second round of Public Comments at 4:48pm.

13 - CLOSED MEETING

ENTER INTO A CLOSED MEETING

MOTION:	Fluvanna County Board of Supervisors enter into a closed meeting, pursuant to the provisions of Section 2.2-3711 A.1, A.3, A.5, A.6, & A.8 of the Code of Virginia, 1950, as amended, for the purpose of discussing Personnel, Real Estate,							
	Prospective Industry, Investment of Funds, and Legal Matters.							
MEMBER:	Mr. Sheridan	Mrs. Booker	Mrs. Eager	Mr. O'Brien	Mr. Weaver			
VOTE:	Yes	Yes	Yes	Yes	Yes			
ACTION:		Second Motion						
RESULT:	PASSED 5-0							

EXIT A CLOSED MEETING & RECONVENE IN OPEN SESSION

MOTION:	At 7:00 pm, Closed Meeting be adjourned and the Fluvanna County Board of Supervisors convene again in open session and "BE IT RESOLVED, the Board of Supervisors does hereby certify to the best of each member's knowledge (i) only public business matters lawfully exempted from open meeting requirements
	under Section 2.2-3711-A of the Code of Virginia, 1950, as amended, and (ii) only such public business matters as were identified in the motion by which the

	closed meeting was convened were heard, discussed, or considered in the meeting."							
MEMBER:	Mr. Sheridan	Ar. Sheridan Mrs. Booker Mrs. Eager Mr. O'Brien Mr. Weaver						
VOTE:	Yes	Yes	Yes	Yes	Yes			
ACTION:		Motion Second						
RESULT:	PASSED 5-0							

RECONVENE FOR WORK SESSION

WORK SESSION TO DISCUSS SPACE UTILIZATION

Josh Bower, from Crabtree, Rohrbaugh, & Associates Architects, presented the Space Utilization Study. Mr. Bower presented numerous options for maximizing County buildings.

14 - ADJOURN

MOTION:	At 8:18pm, adjourn the regular meeting of Wednesday, June 5, 2019.							
MEMBER:	Mr. Sheridan	Mr. Sheridan Mrs. Booker Mrs. Eager Mr. O'Brien Mr. Weaver						
VOTE:	Yes Yes		Yes	Yes	Yes			
ACTION:		Second		Motion				
RESULT:			PASSED 5-0					

ATTEST:	FLUVANNA COUNTY BOARD	OF SUPERVISORS
Kelly Belanger Harris	John M. Sheridan	
Clerk to the Board	Chair	

FLUVANNA COUNTY BOARD OF SUPERVISORS AGENDA ITEM STAFF REPORT

TAB N

MEETING DATE:	June 19, 2019						
AGENDA TITLE:	Appointme	nt of Zonin	g Admin	istrator			
MOTION(s):			-	rs ratify the app effective June 24			uglas C. Miles
STRATEGIC INITIATIVE?	Yes	No X	If yes, list initiative(s):				
AGENDA CATEGORY:	Public Heari	ng Action	Matter	Presentation	Cons	ent Agenda X	Other
STAFF CONTACT(S):	Steven M. N	Steven M. Nichols, County Administrator					
PRESENTER(S):	Steven M. N	Steven M. Nichols, County Administrator					
RECOMMENDATION:	Approve						
TIMING:	Normal						
DISCUSSION:	provisions as 4. Fo appo office beha auth in vice legal proce maki	dinance may to any or all or the administintment or de in the localified of the governity shall incolation of the action, included ong findings of	of the follo tration an esignation ty. The zoo erning bod lude (i) or ordinance ding injunc to appea f fact and, of law reg	mong other things, wing matters: d enforcement of the of a zoning administrator of the other was a dering in writing the control of the control of the other was a pursuant to § 15.0 with concurrence of the other was a determination	he ordi strator shall ha enforce e reme liance v r other 2-2311 of the a	nance includi who may also we all necessa be the zoning dying of any o with the ording appropriate of appropriate of and (iii) in sp ttorney for the	ng the o hold another ary authority on ordinance. His condition found hance, bringing action or becific cases, he governing
FISCAL IMPACT:	None.						
POLICY IMPACT:	Appointmen	t required b	y the Boa	ord of Supervisors			
LEGISLATIVE HISTORY:	Virginia Code §15.2-2286						
ENCLOSURES:	Draft Letter of Appointment of Douglas C. Miles						
REVIEWS COMPLETED:	Legal	Fina	ance	Purchasing		HR	Other

June 24, 2019

Mr. Douglas Miles Community Development Director 132 Main Street Palmyra, VA 22963



Re: APPOINTMENT AS ZONING ADMINISTRATOR

Dear Mr. Miles,

In your capacity as Director of Community Development, you are hereby appointed as Fluvanna County Zoning Administrator per State Code § 15.2-2286, effective immediately.

Your appointment will continue until revoked in writing.

Sincerely,

Steven M. Nichols County Administrator

TAB O

MEMORANDUM

Date: June 19, 2019

From: Finance Department

To: Board of Supervisors

Subject: Accounts Payable Report for May 2019

1. Staff recommends that the Board of Supervisors ratify the expenditures in the attached report and summarized below.

CATEGORY	AMOUNT
General	\$632,683.11
Capital Improvements	\$108,822.72
Debt Service	\$0.00
Sewer	\$1,076.78
Fork Union Sanitary District	\$10,868.27
Zion Crossroads Water & Sewer	\$269,045.22
TOTAL AP EXPENDITURES	\$1,022,496.10
Payroll	\$1,145,681.68
TOTAL	\$2,168,177.78

MOTION

I move the Accounts Payable and Payroll be ratified for **May 2019** in the amount of \$2,168,177.78.

Encl:

AP Report

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	A	В	C D	F	G	Н	l J
	County of Fluvanna		From Date: 5/1/2019				oo manmie
1	Accounts Payable List	-	To Date: 5/31/2019				a tyler erp solution
2	Accounts I ayable List		10 Date: 3/31/2013				
3							
5	Vendor Name	Charge To	Description	Invoice Number	Invoice Date	Check Date	Check Amount
6	Fund # - 100 GENERAL FUND						
7	GENERAL FUND						
8	CAVALRY SPV. I LLC	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 051719	69955	5/17/2019	5/31/2019	294.47
9	MINNESOTA LIFE INS. CO	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 051719	69953	5/17/2019	5/31/2019	133.74
10	MINNESOTA LIFE INS. CO	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 050319	69618	5/3/2019	5/31/2019	198.80
11	MICHAEL BROOKMAN	CUSTOMERS	SIGN DEPOSIT REFUND	SUP19:30	5/29/2019	5/31/2019	90.00
12	KATHLEEN SHARP	PLANNING ESCROW	EROSION CASH BOND REFUND	INV-00000844	4/30/2019	5/3/2019	2,000.00
13	TAYLOR LYN HOMES	PLANNING ESCROW	EROSION CASH BOND REFUND (CAREY 34	00001001	5/7/2019	5/10/2019	2,000.00
14	MICHEAL HIMES	PLANNING ESCROW	EROSION CASH BOND REFUND	ES18-0132	5/28/2019	5/31/2019	2,000.00
15	VACORP	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 053119	70271	5/31/2019	5/31/2019	8.69
16	VACORP	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 050319	69619	5/3/2019	5/31/2019	559.92
17	VACORP	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 051719	69954	5/17/2019	5/31/2019	584.65
18						Total:	\$7,870.27
19							
20	PERSONAL PROPERTY TAXES					-	
21	ASHNAFI, ERVENNA LYNNETTE	P P 2016 - 1ST	PP 2016 219424	70138	5/23/2019	5/24/2019	25.01
22	ASHNAFI, ERVENNA LYNNETTE	P P 2016 - 2ND	PP 2016 219424	70138	5/23/2019	5/24/2019	25.01
23	ASHNAFI, ERVENNA LYNNETTE	P P 2017 - 1ST	PP 2017 219424	70139	5/23/2019	5/24/2019	20.68
24	ASHNAFI, ERVENNA LYNNETTE	P P 2017 - 2ND	PP 2017 219424	70139	5/23/2019	5/24/2019	20.67
25	ASHNAFI, ERVENNA LYNNETTE	P P 2018 - 1ST	PP 2018 219424	70141	5/23/2019	5/24/2019	17.74
26	ASHNAFI, ERVENNA LYNNETTE	P P 2018 - 2ND	PP 2018 219424	70141	5/23/2019	5/24/2019	17.73
27	COPPOLA, MICHAEL ANTHONY	P P 2018 - 1ST	PP 2018 222332	70142	5/23/2019	5/24/2019	35.14
28	COPPOLA, MICHAEL ANTHONY	P P 2018 - 2ND	PP 2018 222332	70142	5/23/2019	5/24/2019	35.14
29	MORRIS, DOSHA DELL	P P 2018 - 1ST	PP 2018 232094	69536	5/1/2019	5/10/2019	56.03
30	MORRIS, DOSHA DELL	P P 2018 - 2ND	PP 2018 232094	69536	5/1/2019	5/10/2019	56.03
31	WOODING CADY, ANYA ELIZABETH	P P 2017 - 1ST	PP 2017 8232	70140	5/23/2019	5/24/2019	61.40
32	WOODING CADY, ANYA ELIZABETH	P P 2017 - 2ND	PP 2017 8232	70140	5/23/2019	5/24/2019	61.39
33						Total:	\$431.97
34							
35	PROPERTY TAX PENALTIES & INT	•	· '	1			
36	WOODING CADY, ANYA ELIZABETH	INTEREST-ALL PROPERTY	PP 2017 8232	70140	5/23/2019	5/24/2019	6.65
37	WOODING CADY, ANYA ELIZABETH	INTEREST-ALL PROPERTY	PP 2017 8232	70140	5/23/2019	5/24/2019	9.72
38	WOODING CADY, ANYA ELIZABETH	PENALTIES-ALL PROPERTY	PP 2017 8232	70140	5/23/2019	5/24/2019	26.24
39						Total:	\$42.61
40							
41	OTHER LOCAL TAXES		·	,		<u> </u>	
42	ASHNAFI, ERVENNA LYNNETTE	ADMIN FEE VEHICLE	PP 2016 219424	70138	5/23/2019	5/24/2019	33.00

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	T .		_1			BOS 2019-0	70 10 p.202/00+
	A	В	C D	F	G	Н	II J
	County of Fluvanna		From Date: 5/1/2019				S munis
1	Accounts Payable List		To Date: 5/31/2019				a tyler erp solution
2	Accounts I dyable List		10 Bate. 0/0 1/2010				
3							
5	Vendor Name	Charge To	Description	Invoice Number	Invoice Date	Check Date	Check Amount
43	HAMSHAR, DAVID LEIGH	ADMIN FEE VEHICLE	PP 2018 203821	69535	5/1/2019	5/10/2019	33.00
44	SUNCOM WIRELESS OPERATING	GROSS RECEIPTS TAX -	REFUND FOR OVER PAYMENT	05212019	5/21/2019	5/24/2019	19.61
45	T-MOBILE LICENSE LLC	GROSS RECEIPTS TAX -	REFUND FOR OVER PAYMENT	05212019	5/21/2019	5/24/2019	8,495.51
46						Total:	\$8,581.12
47							
48	CHARGES FOR SERVICES		<u>'</u>	!			
49	EMS MANAGEMENT & CONSULTANTS,	EMS COST RECOVERY	NPP LETTERS	035945	4/30/2019	5/24/2019	(\$1,900.31)
50						Total:	(\$1,900.31)
51							
52	BOARD OF SUPERVISORS			1			
53	BANK OF AMERICA	OTHER OPERATING	P-CARD	043019	4/30/2019	5/20/2019	5.13
54	BANK OF AMERICA	OTHER OPERATING	P-CARD	043019	4/30/2019	5/20/2019	67.22
55	BANK OF AMERICA	OTHER OPERATING	P-CARD	043019	4/30/2019	5/20/2019	84.17
56	FLUVANNA REVIEW	ADVERTISING	MAY 15TH MEETING AD	2109F17-13	4/25/2019	5/3/2019	168.75
57	FLUVANNA REVIEW	ADVERTISING	MAY 15 PUBLIC HEARING/VDOT/ORDINANCE	2019F18-11	5/2/2019	5/10/2019	326.25
58	FLUVANNA REVIEW	ADVERTISING	MAY 15 PUBLIC HEARNING/SUP	2019F19-12	5/9/2019	5/24/2019	78.75
59	FLUVANNA REVIEW	ADVERTISING	VDOT AD	2019F19-14	5/9/2019	5/24/2019	78.75
60	FLUVANNA REVIEW	ADVERTISING	ORDINANCE AD	2019F19-13	5/9/2019	5/24/2019	168.75
61	MATTHEW BENDER & CO INC	BOOKS/PUBLICATIONS	VA 2019 LEGISLATIVE SESSION SUMMARY	10216480	4/16/2019	5/3/2019	106.43
62	MATTHEW BENDER & CO INC	BOOKS/PUBLICATIONS	VA LOCAL TAX 2018 ED W/EBOOK	10311963	4/24/2019	5/3/2019	141.43
63	MOZELL H. BOOKER	MILEAGE ALLOWANCES	MILEAGE REIMBURSEMENT	052319	5/23/2019	5/24/2019	128.82
64	MOZELL H. BOOKER	MILEAGE ALLOWANCES	MILEAGE REIMBURSEMENT	052319	5/23/2019	5/24/2019	168.83
65	MOZELL H. BOOKER	MILEAGE ALLOWANCES	MILEAGE REIMBURSEMENT	052319	5/23/2019	5/24/2019	200.89
66	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	0151-5654 051919	5/19/2019	5/24/2019	18.19
67	VERIZON	TELECOMMUNICATIONS	WIRELESS MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	124.53
68						Total:	\$1,866.89
69							
70	COUNTY ADMINISTRATOR						
71	BANK OF AMERICA	BOOKS/PUBLICATIONS	P-CARD	043019	4/30/2019	5/20/2019	27.95
72	BANK OF AMERICA	FURNITURE & FIXTURES	P-CARD	043019	4/30/2019	5/20/2019	1,148.96
73	BANK OF AMERICA	SUBSISTENCE & LODGING		043019	4/30/2019	5/20/2019	14.41
74	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	20054113	5/13/2019	5/24/2019	223.00
75	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	0151-5654 051919	5/19/2019	5/24/2019	12.65
76	STAPLES CONTRACT & COMMERCIAL,	OFFICE SUPPLIES	OFFICE SUPPLIES	8054204010	5/4/2019	5/24/2019	144.93
77	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DISTANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	12.70
78	VERIZON	TELECOMMUNICATIONS	WIRELESS MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	41.60
79						Total:	\$1,626.20

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	County of Fluvanna		rom Date: 5/1/2019				
1	_						a tyler erp solution
2	Accounts Payable List	1	o Date: 5/31/2019				a tyler erp solution
3							
5	Vendor Name	Charge To	Description	Invoice Number	Invoice Date	Check Date	Check Amount
80							
81	COUNTY ATTORNEY						
82	PAYNE & HODOUS, LLP.	COUNTY ATTY LEGAL-	LEGAL FEES	136616	5/3/2019	5/10/2019	10,000.00
83	PAYNE & HODOUS, LLP.	COUNTY ATTY LEGAL-	LEGAL FEES	136616	5/3/2019	5/10/2019	720.50
84	PAYNE & HODOUS, LLP.	COUNTY ATTY LEGAL- REAL	LEGAL FEES	136616	5/3/2019	5/10/2019	336.00
85						Total:	\$11,056.50
86							
87	COMMISSIONER OF THE REVENUE					<u>'</u>	
88	BANK OF AMERICA	CONVENTION AND	P-CARD	043019	4/30/2019	5/20/2019	150.00
89	COMMISSIONERS OF THE REVENUE	CONVENTION AND	CENTRAL DISTRIC MEETING REGISTRATION	061219	5/20/2019	5/24/2019	40.00
90	COMMISSIONERS OF THE REVENUE	DUES OR ASSOCIATION	MEMBERSHIP DUES 2019-2020	2019-2020	5/1/2019	5/10/2019	340.00
91	JAMES RIVER SOLUTIONS	VEHICLE FUEL	FUEL	050619	5/6/2019	5/10/2019	19.85
92	STONEWALL TECHNOLOGIES	PROFESSIONAL SERVICES	VAMANET MEMBERSHIP FEE	9241	4/30/2019	5/10/2019	300.00
93	THE SUPPLY ROOM	OFFICE SUPPLIES	TAPE, BINDER CLIPS	3675776-0	5/3/2019	5/10/2019	22.21
94	THE SUPPLY ROOM	OFFICE SUPPLIES	BINDERS, BATTERIES, PAPER, TEA, COFFEE	3675480-0	5/3/2019	5/10/2019	93.54
95	UNIVERSITY OF VIRGINIA	DUES OR ASSOCIATION	CERTIFICATION FEE	043019	4/30/2019	5/3/2019	75.00
96	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DISTANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	22.00
97	VERIZON	TELECOMMUNICATIONS	WIRELESS MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	41.60
98						Total:	\$1,104.20
99							
100	TREASURER						
101	BMS DIRECT	PRINTING AND BINDING	REAL ESTATE 1ST HALF 2019	133095	5/15/2019	5/24/2019	1,176.59
-	BMS DIRECT	PRINTING AND BINDING	PERSONAL PROPERTY 1ST HALF BILLING	133096	5/15/2019	5/24/2019	3,596.23
103	BUSINESS DATA OF VA, INC.	PROFESSIONAL SERVICES	CONSULTING - SCHEDULE FOR RUNNING	201-055*	4/15/2019	5/24/2019	455.00
	BUSINESS DATA OF VA, INC.	PROFESSIONAL SERVICES	CONSULTING - REAL ESTATE & PERSONAL	204-077*	5/3/2019	5/24/2019	730.00
105	BUSINESS DATA OF VA, INC.	PROFESSIONAL SERVICES	CREATION OF REAL ESTATE & PERSONAL	204-071*	4/30/2019	5/24/2019	785.00
106	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	20054113	5/13/2019	5/24/2019	125.00
107	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	0981-8795 050719	5/7/2019	5/24/2019	300.00
108	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DISTANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	3.42
109	VERIZON	TELECOMMUNICATIONS	WIRELESS MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	41.60
110						Total:	\$7,212.84
111							
	INFORMATION TECHNOLOGY			,			
	BANK OF AMERICA	ADP SERVICES	P-CARD	043019	4/30/2019	5/20/2019	25.00
114	BANK OF AMERICA	ADP SERVICES	P-CARD	043019	4/30/2019	5/20/2019	82.92
115	BANK OF AMERICA	ADP SERVICES	P-CARD	043019	4/30/2019	5/20/2019	95.04
116	BANK OF AMERICA	ADP SERVICES	P-CARD	043019	4/30/2019	5/20/2019	484.00

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	А	В	C D	F	G	Н	l J
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1	Accounts Payable List		To Date: 5/31/2019				a tyler erp solution
2	Accounts I ayable List		10 Date. 3/31/2019				
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5	Vendor Name	Charge To	Description	Invoice Number	Invoice Date	Check Date	Check Amount
117	BANK OF AMERICA	ADP SUPPLIES	P-CARD	043019	4/30/2019	5/20/2019	(\$20.00)
118	BANK OF AMERICA	ADP SUPPLIES	P-CARD	043019	4/30/2019	5/20/2019	34.00
119	BANK OF AMERICA	ADP SUPPLIES	P-CARD	043019	4/30/2019	5/20/2019	74.30
120	BANK OF AMERICA	ADP SUPPLIES	P-CARD	043019	4/30/2019	5/20/2019	89.75
121	BANK OF AMERICA	ADP SUPPLIES	P-CARD	043019	4/30/2019	5/20/2019	294.99
122	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	043019	4/30/2019	5/20/2019	37.58
123	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	20054113	5/13/2019	5/24/2019	57.00
124	CDW GOVERNMENT, INC.	ADP SERVICES	BLUEBEAM REVU SOFTWARE	SBP9593	4/26/2019	5/10/2019	301.80
125	DISYS SOLUTIONS, INC.	ADP SERVICES	CISCO FIREPOWER	IN13424	5/9/2019	5/24/2019	721.60
126	DISYS SOLUTIONS, INC.	EDP EQUIPMENT	CISCO FIREPOWER	IN13424	5/9/2019	5/24/2019	6,597.00
127	FIBERPLUS INC.	PROFESSIONAL SERVICES	FIBER PROJECT - REGISTRAR'S OFFICE	0029236-IN	4/30/2019	5/24/2019	6,608.83
128	MID-ATLANTIC SOURCE ONE OF	PROFESSIONAL SERVICES	FIBER WORK	100487	5/3/2019	5/10/2019	3,285.41
129	MID-ATLANTIC SOURCE ONE OF	PROFESSIONAL SERVICES	FIBER WORK	100486	5/3/2019	5/10/2019	3,879.84
130	SHI	PROFESSIONAL SERVICES	SOFTWARE - 16 LICENSES	B10012541	5/22/2019	5/31/2019	6,165.12
131	TYLER TECHNOLOGIES	ADP SERVICES	ENERGOV CUSTOM REPORT	025-258151	5/8/2019	5/31/2019	500.00
132	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DISTANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	2,141.01
133	VERIZON	ADP SERVICES	ESSENTIALS SUITE - 80 LICENSES	9830263966	5/16/2019	5/31/2019	2,229.47
134	VERIZON	TELECOMMUNICATIONS	WIRELESS MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	123.21
135						Total:	\$33,807.87
136							
137	FINANCE			<u>'</u>			
138	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	20054113	5/13/2019	5/24/2019	185.83
139	EMS MANAGEMENT & CONSULTANTS,	CONTRACT SERVICES	NPP LETTERS	035945	4/30/2019	5/24/2019	2,950.07
140	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	0151-5654 051919	5/19/2019	5/24/2019	79.99
141	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DISTANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	2.78
142	VERIZON	TELECOMMUNICATIONS	WIRELESS MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	41.60
143						Total:	\$3,260.27
144							
145	REGISTRAR/ELECTORAL BOARD		<u>'</u>			-	
146	AUTOMATED OFFICE SYSTEMS	LEASE/RENT	COPIER MONTHLY PERIOD CHARGE	086016	4/29/2019	5/10/2019	155.00
147	BANK OF AMERICA	SUBSISTENCE & LODGING	P-CARD	043019	4/30/2019	5/20/2019	8.20
148	BANK OF AMERICA	SUBSISTENCE & LODGING	P-CARD	043019	4/30/2019	5/20/2019	109.52
149	JOYCE PACE	MILEAGE ALLOWANCES	MILEAGE REIMBURSEMENT - MEETING IN	J 040919	4/9/2019	5/10/2019	33.64
150	JOYCE PACE	MILEAGE ALLOWANCES	MILEAGE & MEAL REIMBURSEMENT -	041619	4/16/2019	5/10/2019	59.16
151	JOYCE PACE	MILEAGE ALLOWANCES	MEAL & MILEAGE REIMBURSEMENT -	043019	4/30/2019	5/10/2019	69.60
152	JOYCE PACE	MILEAGE ALLOWANCES	MEAL & MILEAGE REIMBURSEMENT -	042619	4/26/2019	5/10/2019	186.76
153	JOYCE PACE	SUBSISTENCE & LODGING	MEAL & MILEAGE REIMBURSEMENT -	043019	4/30/2019	5/10/2019	17.00

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	А	В	С	D	F	G	H	J
	County of Fluvanna		From Date	e: 5/1/2019				e milimie
1	Accounts Payable List	-	To Date:	5/31/2019				a tyler erp solution
2	Accounts I dyable List		TO Date.	3/3 1/2013				
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5	Vendor Name	Charge To	Description	1	Invoice Number	Invoice Date	Check Date	Check Amount
154	JOYCE PACE	SUBSISTENCE & LODGING	MILEAGE 8	MEAL REIMBURSEMENT -	041619	4/16/2019	5/10/2019	46.00
155	JOYCE PACE	SUBSISTENCE & LODGING	MEAL & MI	LEAGE REIMBURSEMENT -	042619	4/26/2019	5/10/2019	152.50
156	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DIST	ANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	8.20
157	VERIZON	TELECOMMUNICATIONS	WIRELESS	MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	41.60
158							Total:	\$887.18
159								
160	HUMAN RESOURCES		ļ.		1		<u>'</u>	
161	BANK OF AMERICA	EMPLOYEE RECOGNITION	P-CARD		043019	4/30/2019	5/20/2019	547.25
162	BANK OF AMERICA	RECRUITMENT	P-CARD		043019	4/30/2019	5/20/2019	50.00
163	BANK OF AMERICA	SUBSISTENCE & LODGING	P-CARD		043019	4/30/2019	5/20/2019	175.10
164	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER M	ONTHLY CHARGES	20054113	5/13/2019	5/24/2019	54.35
165	MCLAUGHLIN YOUNG EMPLOYEE	PROFESSIONAL SERVICES	EMPLOYER	ASSISTANCE PROGRAM JUNE	52201	5/16/2019	5/24/2019	251.22
166	PIERCE GROUP BENEFITS	PROFESSIONAL SERVICES	BENSELEC	T ENROLLMENT SYSTEM	35FLUVANNA	5/1/2019	5/24/2019	1,348.00
167							Total:	\$2,425.92
168								
169	GENERAL DISTRICT COURT						1	
170	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER M	ONTHLY CHARGES	20054113	5/13/2019	5/24/2019	134.00
171	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DIST	ANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	14.77
172							Total:	\$148.77
173								
174	COURT SERVICE UNIT	1	<u> </u>				<u>'</u>	
175	DENNIS CRONIN	MILEAGE ALLOWANCES	MILEAGE F	REIMBURSEMENT - FEBRUARY	FEB 19	5/2/2019	5/10/2019	57.36
176	DENNIS CRONIN	MILEAGE ALLOWANCES	MILEAGE F	REIMBURSEMENT - APRIL	APR - 19	5/2/2019	5/10/2019	60.90
177	DENNIS CRONIN	MILEAGE ALLOWANCES	MILEAGE F	OR MAY	0519	5/23/2019	5/24/2019	26.68
178	POSTMASTER	POSTAL SERVICES	POSTAGE	- 3 ROLLS	051619	5/16/2019	5/24/2019	165.00
179	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DIST	ANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	11.85
180							Total:	\$321.79
181								
182	CLERK OF THE CIRCUIT COURT							
183	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD		043019	4/30/2019	5/20/2019	67.58
184	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER M	ONTHLY CHARGES	20054113	5/13/2019	5/24/2019	217.00
185	KOFILE PRESERVATION INC	RECORD PRESERVATION	PRESERVA	ATION/IMAGING DEED BOOK 26	227566	5/7/2019	5/24/2019	6,607.00
186	LEGAL DIRECTORIES PUBLISHING CO,	BOOKS/PUBLICATIONS	2019 VIRG	NIAS LEGAL DIRECTORY	0489938-IN	5/1/2019	5/24/2019	8.75
187	STAPLES CONTRACT & COMMERCIAL,	OFFICE SUPPLIES	OFFICE SU	IPPLIES	8054204010	5/4/2019	5/24/2019	200.04
188	U.S. POSTAL SERVICE	POSTAL SERVICES	POSTAGE		36694560 053019	5/29/2019	5/31/2019	1,500.00
189	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DIST	ANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	22.25
190	VIRGINIA BUSINESS SYSTEMS	LEASE/RENT	KONICA C	284E COPIER MONTHLY	24799571	5/14/2019	5/24/2019	204.48

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5	Vendor Name	Charge To	Description	Invoice Number	Invoice Date	Check Date	Check Amount
191						Total:	\$8,827.10
192							-
	CIRCUIT COURT JUDGE			·			
	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	043019	4/30/2019	5/20/2019	11.86
195	TREASURER OF VIRGINIA	PROFESSIONAL SERVICES	VJS MAINTENANCE LICENSE JULY 18 -	19-065C-VJS	5/1/2019	5/10/2019	487.50
	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DISTANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	0.58
197	VIRGINIA BUSINESS SYSTEMS	EDP EQUIPMENT	KONICA MINOLTA BIZHUB C284E MULTI-	95239	5/8/2019	5/31/2019	1,675.56
198					5,5,2,5	Total:	\$2,175.50
199						101111	
	COMMONWEALTH ATTY	<u> </u>					
	BANK OF AMERICA	SUBSISTENCE & LODGING	P-CARD	043019	4/30/2019	5/20/2019	29.68
	BANK OF AMERICA	SUBSISTENCE & LODGING	P-CARD	043019	4/30/2019	5/20/2019	330.48
	MATTHEW BENDER & CO INC	MAINTENANCE CONTRACTS		3091998974	4/30/2019	5/10/2019	136.00
	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	0994-8667 051519	5/15/2019	5/31/2019	100.00
		OFFICE SUPPLIES	OFFICE SUPPLIES	8054204010	5/4/2019	5/24/2019	156.39
	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DISTANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	10.07
207	VERIZON	TELECOMMUNICATIONS	WIRELESS MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	41.60
208	VIRGINIA BUSINESS SYSTEMS	MAINTENANCE CONTRACTS		2825146	5/14/2019	5/24/2019	462.42
209	VIRGINIA BOSINESS STSTEMS	WAINTENANCE CONTRACTS	NONICA CZZ4L COFIER MONTIET CHARGES	2023140	3/14/2019	5/24/2019 Total:	\$1,266.64
210						iotai:	\$1,200.04
	CHEDIFF						
	SHERIFF	VELUCI E/DOWED FOLUD	OII EILTED	7000040000400	F/2/2010	F/40/0040	C 40
	ADVANCE AUTO PARTS	VEHICLE/POWER EQUIP	OIL FILTER	7306912363480	5/3/2019	5/10/2019	6.43
•	ADVANCE AUTO PARTS	VEHICLE/POWER EQUIP	CABIN AIR FILTER	7306912252169	5/2/2019	5/10/2019	17.24
	ADVANCE AUTO PARTS	VEHICLE/POWER EQUIP	WASHER FLUID	7306913626554	5/16/2019	5/24/2019	9.18
	ADVANCE AUTO PARTS	VEHICLE/POWER EQUIP	SPARK PLUGS, AIR FILTER, GUB ASSEMBLY	2710912892090	5/8/2019	5/24/2019	197.90
	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	OIL FILTER	7306911224369	4/22/2019	5/3/2019	2.30
	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	OIL FILTER	7306911246841	4/22/2019	5/3/2019	5.97
	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	CABIN AIR FILTER	7306911563040	4/25/2019	5/3/2019	10.12
	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	WIPER BLADES	7306909562389	4/5/2019	5/3/2019	13.38
	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	BRAKE PADS	7306911951988	4/29/2019	5/3/2019	30.54
	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	BRAKE PADS	7306911951992	4/29/2019	5/3/2019	40.94
222	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	BRAKE PADS	7306911963200	4/29/2019	5/3/2019	44.19
223	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	2 STABLILIZER LINK KIT	7306909962523	4/9/2019	5/3/2019	60.66
224	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	CABIN AIR FILTERS	7306911663110	4/26/2019	5/3/2019	105.38
225	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	HUB AND BEARING ASSIEMBLY	7306910962833	4/19/2019	5/3/2019	116.79
226	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	ROTOR/BRAKE PADS	7306910250964	4/12/2019	5/3/2019	151.42
227	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	ROTOR/BRAKE PADS	7306911951987	4/29/2019	5/3/2019	158.56

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5	Vendor Name	Charge To	Description	Invoice Number	Invoice Date	Check Date	Check Amount
228	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	OIL FILTERS/AIR FILTERS	7306910162571	4/11/2019	5/3/2019	190.38
229	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	BRAKE PADS/ROTOR	7306909962522	4/9/2019	5/3/2019	193.66
	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	BATTERY - POWERSPORTS	7306912525601	5/5/2019	5/10/2019	70.34
231	ADVANCE AUTO PARTS	VEHICLES REP & MAINT	WASHER FLUID	7306913063703	5/10/2019	5/24/2019	16.50
	ALEXANDER ELLIOTT CULLEN	CONVENTION AND	MEAL REIMBURSEMENT - ANIMAL CONTROL	040819	4/8/2019	5/10/2019	192.50
	ALEXANDER ELLIOTT CULLEN	CONVENTION AND	MEAL REIMBURSEMENT - ANIMAL CONTROL	041519	4/15/2019	5/10/2019	192.50
234	ALEXANDER ELLIOTT CULLEN	CONVENTION AND	MEAL REIMBURSEMENT - ANIMAL CONTROL	042219	4/22/2019	5/10/2019	192.50
235	AMERICAN UNIFORM SALES, INC	UNIFORM/WEARING	3 TROUSERS/HEMMING	00053884	5/15/2019	5/24/2019	170.09
236	AT&T 286-3642	TELECOMMUNICATIONS	LONG DISTANCE MONTHLY CHARGES	7305055828001 050619	5/6/2019	5/24/2019	80.75
237	BANK OF AMERICA	COMMUNITY EDUCATION	P-CARD	043019	4/30/2019	5/20/2019	50.49
238	BANK OF AMERICA	COMMUNITY EDUCATION	P-CARD	043019	4/30/2019	5/20/2019	52.21
239	BANK OF AMERICA	CONVENTION AND	P-CARD	043019	4/30/2019	5/20/2019	8.37
240	BANK OF AMERICA	CONVENTION AND	P-CARD	043019	4/30/2019	5/20/2019	112.88
241	BANK OF AMERICA	CONVENTION AND	P-CARD	043019	4/30/2019	5/20/2019	237.00
242	BANK OF AMERICA	CONVENTION AND	P-CARD	043019	4/30/2019	5/20/2019	257.50
243	BANK OF AMERICA	INVESTIGATIVE SERVICES	P-CARD	043019	4/30/2019	5/20/2019	49.21
244	BANK OF AMERICA	INVESTIGATIVE SERVICES	P-CARD	043019	4/30/2019	5/20/2019	50.00
245	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	043019	4/30/2019	5/20/2019	37.51
246	BANK OF AMERICA	POLICE SUPPLIES	P-CARD	043019	4/30/2019	5/20/2019	(\$25.00)
247	BANK OF AMERICA	POLICE SUPPLIES	P-CARD	043019	4/30/2019	5/20/2019	49.98
248	BANK OF AMERICA	POLICE SUPPLIES	P-CARD	043019	4/30/2019	5/20/2019	53.45
249	BANK OF AMERICA	POLICE SUPPLIES	P-CARD	043019	4/30/2019	5/20/2019	134.00
250	BANK OF AMERICA	VEHICLE/POWER EQUIP	P-CARD	043019	4/30/2019	5/20/2019	44.22
251	BANK OF AMERICA	VEHICLES REP & MAINT	P-CARD	043019	4/30/2019	5/20/2019	249.42
	BANK OF AMERICA	VEHICLES REP & MAINT	P-CARD	043019	4/30/2019	5/20/2019	333.79
253	BRIGHT IDEAS, LLC	UNIFORM/WEARING	T-SHIRTS	35091-1	5/10/2019	5/24/2019	494.38
254	CAMPBELL EQUIPMENT, INC.	VEHICLES REP & MAINT	TIRE ROTATION	042319	4/23/2019	5/3/2019	15.00
255	CAMPBELL EQUIPMENT, INC.	VEHICLES REP & MAINT	TIRE ROTATION	042619	4/26/2019	5/3/2019	20.00
256	CAMPBELL EQUIPMENT, INC.	VEHICLES REP & MAINT	2 MOUNT/BALANCE TIRES - 2 DISPOSAL	041919	4/19/2019	5/3/2019	48.00
257	CAMPBELL EQUIPMENT, INC.	VEHICLES REP & MAINT	2 TIRES MOUNT/BALANCE & DISPOSAL	042619A	4/26/2019	5/3/2019	48.00
258	CAMPBELL EQUIPMENT, INC.	VEHICLES REP & MAINT	TIRE REPAIR	050719	5/7/2019	5/24/2019	25.00
259	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	20054113	5/13/2019	5/24/2019	80.95
	CENTURYLINK	TELECOMMUNICATIONS	SHERIFF MONTHLY PHONE CHARGES	310191749 041619	4/16/2019	5/3/2019	966.13
261	CENTURYLINK	TELECOMMUNICATIONS	SHRIFF'S OFFICE	309903768 050719	5/7/2019	5/24/2019	156.61
262	CENTURYLINK	TELECOMMUNICATIONS	SHERIFF'S OFFICE	309797542 051619	5/16/2019	5/31/2019	166.16
263	CENTURYLINK	TELECOMMUNICATIONS	SHERIFFS OFFICE	310191749 051619	5/16/2019	5/31/2019	919.48
∠64	CHARLES HOFFMAN	CONVENTION AND	MEAL REIMBURSEMENT - BASIC TRAINING	042119	4/21/2019	5/24/2019	220.00

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265	CHARLES HOFFMAN	CONVENTION AND	MEAL REIMBURSEMENT - BASIC TRAINING	042819	4/28/2019	5/24/2019	220.00
	CHARLES HOFFMAN	CONVENTION AND	MEAL REIMBURSEMENT - BASIC TRAINING	050519	5/5/2019	5/31/2019	220.00
267	CHARLES HOFFMAN	CONVENTION AND	MEAL REIMBURSEMENT - BASIC TRAINING	051219	5/12/2019	5/31/2019	220.00
268	CHARLES HOFFMAN	CONVENTION AND	MEAL REIMBURSEMENT - BASIC TRAINING	051919	5/19/2019	5/31/2019	220.00
269	CHARLES HOFFMAN	SUBSISTENCE & LODGING	MEAL REIMBURSEMENT - BASIC TRAINING	041419	4/14/2019	5/3/2019	220.00
	CHARLES HOFFMAN	SUBSISTENCE & LODGING	MEAL REIMBURSEMENT - BASIC TRAINING	033119	3/31/2019	5/3/2019	275.00
	CHARLES HOFFMAN	SUBSISTENCE & LODGING	MEAL REIMBURSEMENT BASIC TRAINING AT	040719	4/7/2019	5/3/2019	275.00
	CITY OF CHARLOTTESVILLE	CONTRACT SERVICES	THOMAS JEFFERSON AREA CRISIS	MISC-INV_CITFY20	5/6/2019	5/24/2019	1,662.50
	EAST COAST EMERGENCY VEHICLES	POLICE SUPPLIES	LAPTOP SIDE MOUNT/SLIDE OUT SWING	14052	4/12/2019	5/24/2019	334.40
	EAST COAST EMERGENCY VEHICLES	POLICE SUPPLIES	LAPTOP SIDE MOUNT, LOCKING SWING ARM	14090	5/18/2019	5/31/2019	1,337.60
	ERIC HESS	CONVENTION AND	REIMBURSEMENT - SPRING SHERIFF'S	042419	4/24/2019	5/3/2019	404.76
	ERIC HESS	CONVENTION AND	MEAL REIMBURSEMENT - TRAINING CSCJTA	052119	5/21/2019	5/31/2019	81.00
_	FISHER AUTO PARTS, INC.	VEHICLE/POWER EQUIP	2014 TAHOE - AIR FILTER, SPARK PLUGS,	015-345643	4/22/2019	5/3/2019	145.18
	FISHER AUTO PARTS, INC.	VEHICLE/POWER EQUIP	FILTER & OIL	015-347375	5/22/2019	5/31/2019	285.52
	FISHER AUTO PARTS, INC.	VEHICLE/POWER EQUIP	FILTERS, OIL & CLEANER	015-347389	5/23/2019	5/31/2019	306.72
280	FLUVANNA SPCA	READMIT ANIMAL	ANIMAL FRIENDLY PLATES DMV - SPAY AND	50119	5/3/2019	5/10/2019	1,173.61
281	GALLS, LLC.	POLICE SUPPLIES	GEAR	012742218	5/16/2019	5/24/2019	1,112.93
	GALLS, LLC.	UNIFORM/WEARING	BATES 8 SAFETY TOE SIDE ZIP	012638409	5/3/2019	5/24/2019	102.63
	IACP	DUES OR ASSOCIATION	DUES FOR 1/1/19 - 12/31/19	42004	3/25/2019	5/24/2019	190.00
284	JAMES RIVER SOLUTIONS	VEHICLE FUEL	FUEL	050619	5/6/2019	5/10/2019	5,552.63
285	JEFFREY BARKER	SUBSISTENCE & LODGING	MEAL REIMBURSEMENT - FIELD TRAINING	041519	4/15/2019	5/3/2019	192.50
286	KENNETH LOGAN FIELDING	SUBSISTENCE & LODGING	MEAL REIMBURSEMENT - BASIC TRAINING	031819	3/18/2019	5/3/2019	220.00
287	KENNETH LOGAN FIELDING	SUBSISTENCE & LODGING	MEAL REIMBURSEMENT - BASIC TRAINING	032519	3/25/2019	5/3/2019	220.00
288	KENNETH LOGAN FIELDING	SUBSISTENCE & LODGING	MEAL REIMBURSEMENT - BASIC TRAINING	040119	4/1/2019	5/3/2019	220.00
289	KENNETH LOGAN FIELDING	SUBSISTENCE & LODGING	MEAL REIMBURSEMENT - BASIC TRAINING	040819	4/8/2019	5/3/2019	220.00
290	KENNETH LOGAN FIELDING	SUBSISTENCE & LODGING	MEAL REIMBURSEMENT - BASIC TRAINING	041519	4/15/2019	5/3/2019	220.00
	KENNETH LOGAN FIELDING	SUBSISTENCE & LODGING	MEAL REIMBURSEMENT - BASIC TRAINING	042219	4/22/2019	5/3/2019	220.00
	MALLOY CHARLOTTESVILLE, LLC.	VEHICLES REP & MAINT	2017 FORD - CABIN AIR FILTER/WIPER	6021191/1	5/7/2019	5/24/2019	407.50
	MANSFIELD OIL COMPANY OF	VEHICLE FUEL	FUEL CHARGES 04/16/19 - 04/30/19	SQLCD-511134	5/2/2019	5/10/2019	156.89
	MANSFIELD OIL COMPANY OF	VEHICLE FUEL	VEHICLE FUEL	SQLCD-515368	5/20/2019	5/24/2019	207.06
	NETWORK & IT SOLUTIONS, LLC	COMMUNICATIONS	INTERVIEW SYSTEM RECORDING UPGRADE	201872	5/17/2019	5/24/2019	466.34
	NEWEGG BUSINESS INC.	POLICE SUPPLIES	USB FLASH DRIVES	1302047319	5/17/2019	5/24/2019	1,069.90
	PAINT PERFECTIONS UNLIMITED LLC	VEHICLES REP & MAINT	2016 DODGE CHARGER PARTS & LABOR	7263	4/25/2019	5/3/2019	1,561.45
	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	0030-0215 042119	4/21/2019	5/3/2019	541.37
	PSYCHOLOGICAL HEALTH ROANOKE	PROFESSIONAL SERVICES		B- C-18006	4/30/2019	5/10/2019	90.00
	PSYCHOLOGICAL HEALTH ROANOKE	PROFESSIONAL SERVICES		B-C-18008	4/30/2019	5/10/2019	90.00
	PSYCHOLOGICAL HEALTH ROANOKE	PROFESSIONAL SERVICES		H-C-18007	4/30/2019	5/10/2019	90.00

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	QUILL	OFFICE SUPPLIES	DVDR'S, DVD SLEEVES, MARKERS	6807292	4/23/2019	5/3/2019	161.31
303	RICHARD MORRISON	CONVENTION AND	MEAL REIMBURSEMENT - FORENSIC	042819	4/28/2019	5/24/2019	313.50
304	RICHARD MORRISON	CONVENTION AND	MEAL REIMBURSEMENT - FORENSIC	050619	5/6/2019	5/24/2019	313.50
305	RICHARD MORRISON	CONVENTION AND	MEAL REIMBURSEMENT - FORENSIC	051219	5/12/2019	5/31/2019	313.50
306	RICHARD MORRISON	CONVENTION AND	MEAL REIMBURSEMENT - FORENSIC	051919	5/19/2019	5/31/2019	313.50
307	SEAN BRENNAN	CONVENTION AND	MEAL REIMBURSEMENT - COMMUNITY	052119	5/21/2019	5/31/2019	81.00
308	SEAN BRENNAN	CONVENTION AND	MEAL REIMBURSEMENT - CRIME	042919	4/29/2019	5/31/2019	165.00
309	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	OIL CHANGE	1001935358	4/19/2019	5/3/2019	20.00
310	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	OIL CHANGE	10019359	4/23/2019	5/3/2019	20.00
311	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	OIL CHANGE/STATE INSPECTION	1001935358B	4/22/2019	5/3/2019	36.00
312	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	RIGHT FRONT WHEEL BEARING	1001935357	4/19/2019	5/3/2019	75.00
313	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	TOW FROM SHERIFFS LOT TO BONE YARD	043019	4/30/2019	5/3/2019	90.00
314	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	OIL CHANGE	1001935360	4/24/2019	5/10/2019	20.00
315	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	OIL CHANGE	1001935362	5/2/2019	5/10/2019	20.00
316	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	BRAKES & ROTORS	1001935361	4/29/2019	5/10/2019	90.00
317	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	OIL CHANGE	050619	5/6/2019	5/24/2019	20.00
318	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	OIL CHANGE	1001935363	5/3/2019	5/24/2019	20.00
319	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	OIL CHANGE	1001935365	5/10/2019	5/24/2019	20.00
320	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	OIL CHANGE	1001935367	5/15/2019	5/24/2019	20.00
321	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	TOW BONEYARD TO BODYSHOP	1001935366	5/5/2019	5/24/2019	90.00
322	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	TOW - INCIDENT 19-09614	050919	5/9/2019	5/24/2019	150.00
323	SPRINT	TELECOMMUNICATIONS	MONTHLY WIRELESS CHARGES	313771602-012	4/26/2019	5/10/2019	2,564.02
324	STONEWALL JACKSON AREA	COMMUNITY EDUCATION	REGISTRATIONS, ANNUAL CHARTER FEE &	0003	5/6/2019	5/10/2019	350.00
325	TOWN GUN SHOP, INC.	POLICE SUPPLIES	BODY ARMOR/POINT BLANK EXTERNAL	R82231	4/24/2019	5/3/2019	5,015.84
326	TREASURER OF VIRGINIA	PROFESSIONAL SERVICES	MEDICAL EXAMINER	040919	4/9/2019	5/24/2019	20.00
327	TREASURER OF VIRGINIA	PROFESSIONAL SERVICES	MEDICAL EXAMINER MEDICAL FEE	030119	3/1/2019	5/31/2019	20.00
328	UMANSKY COC LLC	VEHICLE/POWER EQUIP	SENSOR	16826	5/21/2019	5/31/2019	23.32
329	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DISTANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	240.04
330	VALLEY OFFICE MACHINES, INC.	MAINTENANCE CONTRACT:	S KONICA/C308 MONTHLY COPIER CHARGES	594192	5/8/2019	5/24/2019	61.41
331	VALLEY OFFICE MACHINES, INC.	MAINTENANCE CONTRACT:	S KONICA/C258 MONTHLY COPIER CHARGES	594191	5/8/2019	5/24/2019	64.45
332	VERIZON BUSINESS/MCI COMM	TELECOMMUNICATIONS	WIRELESS CHARGES	09274321	4/25/2019	5/3/2019	19.01
	VERIZON BUSINESS/MCI COMM	TELECOMMUNICATIONS	MONTHLY CHARGES	09401192	5/25/2019	5/31/2019	19.51
334	VERIZON	TELECOMMUNICATIONS	WIRELESS CHARGES	9829734209	5/8/2019	5/24/2019	710.79
335		OFFICE SUPPLIES	SPECIAL ID FOR HUNTER, ASHLEY LYNN	201912000108	4/30/2019	5/24/2019	10.00
		VEHICLES REP & MAINT	WINDSHEILD - FORD TAURUS CAR 47	1006822	4/22/2019	5/3/2019	285.00
	WAGNER'S MOBILE GLASS & MIRROR	VEHICLES REP & MAINT	DODGE CHARGER WINDSHIELD	1006837	5/7/2019	5/24/2019	350.00
	WELLS FARGO VENDOR FIN SERV	MAINTENANCE CONTRACTS		69616781	5/8/2019	5/24/2019	289.90

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339	WEST RIVER AUTO	VEHICLES REP & MAINT	OIL CHANGE	/TRANSMISSION SVC/ROTATE	36077	4/22/2019	5/3/2019	170.19
340		VEHICLES REP & MAINT	FERON/REPL	ACED AC COMPRESSOR	36096	4/26/2019	5/3/2019	205.57
341	WEST RIVER AUTO	VEHICLES REP & MAINT	REPLACED S	PARK PLUGS & REAR WHEEL	36130	5/10/2019	5/24/2019	194.90
342	WEST RIVER AUTO	VEHICLES REP & MAINT	REPLACED F	R/FRONT ABS/SPEED SENSOR	36185	5/28/2019	5/31/2019	26.00
343	WHOOSTER	INVESTIGATIVE SERVICES	INVESTIGAT	IVE DATABASE	10001011547	5/13/2019	5/24/2019	649.00
344							Total:	\$41,298.71
345								· · · · · · · · · · · · · · · · · · ·
346	E911		!		-			
347	AT&T MOBILITY	TELECOMMUNICATIONS	WIRELESS C	HARGES	287284406274X0426	4/18/2019	5/3/2019	2.00
348	AT&T MOBILITY	TELECOMMUNICATIONS	WIRELESS M	ONTHLY CHARGES	287284406274X052619	5/18/2019	5/31/2019	2.00
349	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD		043019	4/30/2019	5/20/2019	(\$17.32)
350	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD		043019	4/30/2019	5/20/2019	(\$10.09)
351	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD		043019	4/30/2019	5/20/2019	(\$8.32)
352	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD		043019	4/30/2019	5/20/2019	150.67
353	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD		043019	4/30/2019	5/20/2019	162.30
354	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD		043019	4/30/2019	5/20/2019	325.70
355	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD		043019	4/30/2019	5/20/2019	598.05
356	BANK OF AMERICA	CONVENTION AND	P-CARD		043019	4/30/2019	5/20/2019	30.00
357	BANK OF AMERICA	CONVENTION AND	P-CARD		043019	4/30/2019	5/20/2019	237.00
358	BANK OF AMERICA	CONVENTION AND	P-CARD		043019	4/30/2019	5/20/2019	257.50
359	BANK OF AMERICA	CONVENTION AND	P-CARD		043019	4/30/2019	5/20/2019	1,000.00
360	BANK OF AMERICA	MAINTENANCE CONTRACTS	P-CARD		043019	4/30/2019	5/20/2019	25.00
361	BANK OF AMERICA	MAINTENANCE CONTRACTS	P-CARD		043019	4/30/2019	5/20/2019	30.00
362	BANK OF AMERICA	MAINTENANCE CONTRACTS	P-CARD		043019	4/30/2019	5/20/2019	234.97
363	BRIAN DEANE	SUBSISTENCE & LODGING	MEAL REIMB	URSEMENT - RADIO USERS	043019	4/30/2019	5/10/2019	16.00
364	BRIAN DEANE	SUBSISTENCE & LODGING	MEAL REIMB	URSEMENT - APCO-NENA	050719	5/7/2019	5/24/2019	167.50
365	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MON	ITHLY CHARGES	20054113	5/13/2019	5/24/2019	80.95
366	CENTURYLINK	TELECOMMUNICATIONS	E911 MONTH	ILY PHONE CHARGES	310214091 041919	4/19/2019	5/3/2019	144.21
367	CENTURYLINK	TELECOMMUNICATIONS	WIRELINE BI	LLING	310042302 051019	5/10/2019	5/24/2019	2,695.00
368	CENTURYLINK	TELECOMMUNICATIONS	E911		310214091 051919	5/19/2019	5/31/2019	144.21
369	COMCAST CORPORATION	TELECOMMUNICATIONS	BUSINESS C	ABLE MONTHLY CHARGES	0046933 050319	5/3/2019	5/24/2019	97.52
370	M & N INDUSTRIES, INC.	E911 NEW ROAD SIGNS	T-POST SIGN	BRACKETS	7267	5/9/2019	5/24/2019	1,253.00
371	MICHAEL GRANDSTAFF	SUBSISTENCE & LODGING	MEAL REIMB	URSEMENT - RADIO USERS	043019	4/30/2019	5/10/2019	16.00
372		SUBSISTENCE & LODGING		URSEMENT - APCO-NENA	050719	5/7/2019	5/24/2019	167.50
373		BLDGS EQUIP REP & MAINT	ADJUSTABLE	MONITOR STAND	1302011928	4/29/2019	5/3/2019	33.91
374	NEWEGG BUSINESS INC.	BLDGS EQUIP REP & MAINT	SURGE PRO	TECTOR/CONVERTER ADAPTER	1302010267	4/29/2019	5/3/2019	259.68
375	NEWEGG BUSINESS INC.	EDP EQUIPMENT	WRELESS U	SB PRESENTER WITH LASER	1302048707	5/19/2019	5/24/2019	131.09

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376	NEWEGG BUSINESS INC.	EDP EQUIPMENT	5	SPEAKERS/HARD	1302046687	5/17/2019	5/24/2019	879.92
377	NEWEGG BUSINESS INC.	OFFICE SUPPLIES		DESK CHAIR	1302050013	5/20/2019	5/31/2019	267.56
378	NWG SOLUTIONS, LLC.	IT SERVICES	N	MONTHLY BILLING FOR APRIL - SERVER	47158	4/30/2019	5/3/2019	1,275.00
379	NWG SOLUTIONS, LLC.	MAINTENANCE CONTRACT	TS N	MONTHLY BILLING FOR APRIL - DATTO	47160	4/30/2019	5/3/2019	1,103.70
380	NWG SOLUTIONS, LLC.	MAINTENANCE CONTRACT	TS S	SERVER WARRANTY RENEWAL	47378	5/9/2019	5/24/2019	2,898.00
381	MERICA SHULL	SUBSISTENCE & LODGING	G N	MEAL REIMBURSEMENT - RADIO USERS	043019	4/30/2019	5/10/2019	16.00
382	ROGER GATEWOOD III	SUBSISTENCE & LODGING	G N	MEAL REIMBURSEMENT - DCJS GENERAL	041919	4/19/2019	5/10/2019	302.50
383	KIMBERLY CONSTANTINO	SUBSISTENCE & LODGING	G N	MEAL REMBURSEMENT - APCO-NENA	050719	5/7/2019	5/24/2019	167.50
384	ROGER GATEWOOD	SUBSISTENCE & LODGING	G N	MEAL REIMBURSEMENT - APCO-NENA	050719	5/7/2019	5/24/2019	167.50
385	SPRINT	TELECOMMUNICATIONS	N	MONTHLY WIRELESS CHARGES	313771602-012	4/26/2019	5/10/2019	493.62
386	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	L	LONG DISTANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	240.04
387							Total:	\$16,037.37
388								
389	FIRE AND RESCUE SQUAD			<u>'</u>				
390	VERIZON	TELECOMMUNICATIONS	٧	WIRELESS MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	560.14
391							Total:	\$560.14
392								
393	CORRECTION AND DETENTION							
394	COUNTY OF ALBEMARLE, VIRGINIA	CONFINEMENT - BRJDC	J	JUVENILE DETENTION CENTER - JUNE 2019	FY2019-00001006	5/28/2019	5/31/2019	14,002.50
395							Total:	\$14,002.50
396								
397	BUILDING INSPECTIONS			<u> </u>				
398	BANK OF AMERICA	CONVENTION AND	F	P-CARD	043019	4/30/2019	5/20/2019	19.95
399	JAMES RIVER SOLUTIONS	VEHICLE FUEL	F	FUEL	050619	5/6/2019	5/10/2019	180.04
400	JOHN VAUGHAN	OTHER OPERATING	F	REIMBURSEMENT - WORK GLOVES	050819	5/8/2019	5/10/2019	9.35
401	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	F	POSTAGE	0151-5654 051919	5/19/2019	5/24/2019	0.87
402	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	L	LONG DISTANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	2.94
403	VERIZON	TELECOMMUNICATIONS	٧	WIRELESS MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	157.91
404							Total:	\$371.06
405								
406	EMERGENCY MANAGEMENT			<u>'</u>				
407	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	(COPIER MONTHLY CHARGES	20054113	5/13/2019	5/24/2019	37.17
408	DELTA RESPONSE TEAM LLC	CONTRACT SERVICES	P	APRIL 2019 EMS STAFFING	201905001	4/30/2019	5/3/2019	36,500.00
409	DELTA RESPONSE TEAM LLC	CONTRACT SERVICES	N	MAY 2019 EMS STAFFING	201906002	5/30/2019	5/31/2019	36,500.00
410	FLUVANNA REVIEW	ADVERTISING	H	HURRICANE PREP AD	2019F20-16	5/16/2019	5/24/2019	175.00
411	JAMES RIVER SOLUTIONS	VEHICLE FUEL	F	FUEL	050619	5/6/2019	5/10/2019	76.19
412	VERIZON	TELECOMMUNICATIONS	٧	WIRELESS MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	41.60
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5	Vendor Name	Charge To	Description		Invoice Number	Invoice Date	Check Date	Check Amount
413							Total:	\$73,329.96
414								
415	LITTER							
416	BANK OF AMERICA	OTHER OPERATING	P-CARD		043019	4/30/2019	5/20/2019	1,683.00
417							Total:	\$1,683.00
418								
419	FACILITIES							
420	ALBEMARLE LOCK & SAFE, INC.	GENERAL MATERIALS AND	DESK KEYS		82131	5/8/2019	5/10/2019	29.50
421	BAKER ROOFING COMPANY	BLDGS EQUIP REP & MAINT	PUBLIC WORK	(S - TEMPORARY ROOF	902217501	4/23/2019	5/3/2019	935.32
422	BANK OF AMERICA	AGRICULTURAL SUPPLIES	P-CARD		043019	4/30/2019	5/20/2019	377.34
423	BANK OF AMERICA	BLDGS EQUIP REP & MAINT			043019	4/30/2019	5/20/2019	11.82
424	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD		043019	4/30/2019	5/20/2019	22.83
425	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD		043019	4/30/2019	5/20/2019	23.45
426	BANK OF AMERICA	BLDGS EQUIP REP & MAINT			043019	4/30/2019	5/20/2019	26.12
427	BANK OF AMERICA	BLDGS EQUIP REP & MAINT			043019	4/30/2019	5/20/2019	27.77
428	BANK OF AMERICA	BLDGS EQUIP REP & MAINT			043019	4/30/2019	5/20/2019	27.98
429	BANK OF AMERICA	BLDGS EQUIP REP & MAINT			043019	4/30/2019	5/20/2019	30.34
430	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD		043019	4/30/2019	5/20/2019	32.81
431	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD		043019	4/30/2019	5/20/2019	44.50
432	BANK OF AMERICA	BLDGS EQUIP REP & MAINT			043019	4/30/2019	5/20/2019	53.16
433	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD		043019	4/30/2019	5/20/2019	66.75
434	BANK OF AMERICA	BLDGS EQUIP REP & MAINT			043019	4/30/2019	5/20/2019	92.70
435	BANK OF AMERICA	BLDGS EQUIP REP & MAINT			043019	4/30/2019	5/20/2019	95.88
436	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD		043019	4/30/2019	5/20/2019	114.49
437	BANK OF AMERICA	GENERAL MATERIALS AND	P-CARD		043019	4/30/2019	5/20/2019	(\$126.05)
438	BANK OF AMERICA	GENERAL MATERIALS AND	P-CARD		043019	4/30/2019	5/20/2019	6.29
439	BANK OF AMERICA	GENERAL MATERIALS AND	P-CARD		043019	4/30/2019	5/20/2019	139.90
440	BANK OF AMERICA	JANITORIAL SUPPLIES	P-CARD		043019	4/30/2019	5/20/2019	30.90
441	BANK OF AMERICA	VEHICLES REP & MAINT	P-CARD		043019	4/30/2019	5/20/2019	42.99
442	BFPE INTERNATIONAL	BLDGS EQUIP REP & MAINT	COURTS BLD	G - SENSITIVITY REPORT	2346640	5/23/2019	5/31/2019	190.00
443	BRAME SPECIALTY COMPANY, INC.	JANITORIAL SUPPLIES	50FT YELLOW	POWER CORD	7407554	4/24/2019	5/3/2019	51.73
444	BRAME SPECIALTY COMPANY, INC.	JANITORIAL SUPPLIES	BROOMS AND	SOAP	7415436	5/17/2019	5/24/2019	68.74
445	BRAME SPECIALTY COMPANY, INC.	JANITORIAL SUPPLIES	CLEANING SU	PPLIES	7410758	5/2/2019	5/24/2019	154.60
446	BRAME SPECIALTY COMPANY, INC.	JANITORIAL SUPPLIES	PAPER PROD	JCTS AND CLEANING	7412497	5/9/2019	5/24/2019	1,239.43
447	BROWN MOTOR PARTS, INC.	GENERAL MATERIALS AND	2 INSPECTION	IS, AUTO PARTS	5621-99154,532,639	4/30/2019	5/10/2019	17.75
448	BROWN MOTOR PARTS, INC.	VEHICLE/POWER EQUIP	2 INSPECTION	IS, AUTO PARTS	5621-99154,532,639	4/30/2019	5/10/2019	45.90
449	BROWN MOTOR PARTS, INC.	VEHICLES REP & MAINT	2 INSPECTION	IS, AUTO PARTS	5621-99154,532,639	4/30/2019	5/10/2019	48.00

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5		Charge To		Description	Invoice Number	Invoice Date	Check Date	Check Amount
		VEHICLES REP & MAINT		WIPER BLADES	051019	5/10/2019	5/24/2019	29.98
	CAMPBELL EQUIPMENT, INC.	VEHICLES REP & MAINT		TIRE	050819	5/8/2019	5/24/2019	129.99
452	CII SERVICE	BLDGS EQUIP REP & MAIN	Τ	SOCIAL SERVICES - DRAIN & EVAPORATOR	44879	4/23/2019	5/3/2019	229.08
453	CII SERVICE	BLDGS EQUIP REP & MAIN	IT	REGISTRAR'S OFFICE HEAT PUMP &	44893	4/30/2019	5/10/2019	319.62
454	CII SERVICE	BLDGS EQUIP REP & MAIN	IT	FORK UNION FIRE - UNIT #1 REPAIRS	44886	4/30/2019	5/10/2019	1,283.02
455	CII SERVICE	BLDGS EQUIP REP & MAIN	IT	LIBRARY - WSHP 1 - 7	44907	4/30/2019	5/24/2019	179.81
456	CII SERVICE	BLDGS EQUIP REP & MAIN	IT	COURTS BLDG - VAV #2 AND #3 REPAIR	44951	4/30/2019	5/24/2019	3,015.55
457	CINTAS	LAUNDRY AND DRY		DRY CLEANING	394306877	4/25/2019	5/3/2019	119.93
458	CINTAS	LAUNDRY AND DRY		DRY CLEANING	394308743	5/2/2019	5/10/2019	145.64
459	CINTAS	LAUNDRY AND DRY		DRY CLEANING	394310594	5/9/2019	5/24/2019	126.97
460	CINTAS	LAUNDRY AND DRY		DRY CLEANING	394312500	5/16/2019	5/24/2019	126.97
461	CINTAS	LAUNDRY AND DRY		UNIFORM CLEANING	394314330	5/23/2019	5/31/2019	126.97
462	CONTAINER RENTALS, LLC.	AGRICULTURAL SUPPLIES	;	BROWN MULCH	182369	5/3/2019	5/10/2019	1,520.00
463	FLUVANNA ACE HARDWARE	BLDGS EQUIP REP & MAIN	IT	GROUNDS SUPPLIES	043019	4/30/2019	5/10/2019	27.77
464	FLUVANNA ACE HARDWARE	GENERAL MATERIALS AND)	GROUNDS SUPPLIES	043019	4/30/2019	5/10/2019	197.81
465	GARY OSTEEN PLUMBING	BLDGS EQUIP REP & MAIN	IT	PUBLIC WORKS - LEAKING WATER SERVICE	052819	5/28/2019	5/31/2019	90.00
466	J&A PAINTING	BLDGS EQUIP REP & MAIN	IT	PAINTING SHERIFF'S OFFICE DOORS	052319	5/23/2019	5/31/2019	275.00
467	JAMES RIVER SOLUTIONS	VEHICLE FUEL		FUEL	050619	5/6/2019	5/10/2019	1,437.00
468	JONES AUTOMOTIVE/ALL STAR AUTO	GENERAL MATERIALS AND)	AUTO SUPPLIES & TOOLS	043019	4/30/2019	5/10/2019	348.29
469	JONES AUTOMOTIVE/ALL STAR AUTO	VEHICLE/POWER EQUIP		AUTO SUPPLIES & TOOLS	043019	4/30/2019	5/10/2019	132.33
470	JONES AUTOMOTIVE/ALL STAR AUTO	VEHICLES REP & MAINT		AUTO SUPPLIES & TOOLS	043019	4/30/2019	5/10/2019	431.13
471	KOREN DIVERSIFIED HOLDINGS LLC	VEHICLE/POWER EQUIP		BRAKE LEVER W/GRIP	77687	4/10/2019	5/24/2019	44.18
472	LEONARD L CAMPBELL GENERAL	BLDGS EQUIP REP & MAIN	IT	COURTHOUSE TANK SERVICE	FCPW-001	5/8/2019	5/24/2019	257.00
473	LOWE'S	AGRICULTURAL SUPPLIES	;	BUILDING/MAINTENANCE SUPPLIES	99000330383 042519	4/25/2019	5/24/2019	120.35
474	LOWE'S	BLDGS EQUIP REP & MAIN	T	BUILDING/MAINTENANCE SUPPLIES	99000330383 042519	4/25/2019	5/24/2019	813.91
475	LOWE'S	GENERAL MATERIALS AND)	BUILDING/MAINTENANCE SUPPLIES	99000330383 042519	4/25/2019	5/24/2019	179.90
476	LOWE'S	JANITORIAL SUPPLIES		BUILDING/MAINTENANCE SUPPLIES	99000330383 042519	4/25/2019	5/24/2019	29.42
	LOWE'S	VEHICLE/POWER EQUIP		BUILDING/MAINTENANCE SUPPLIES	99000330383 042519	4/25/2019	5/24/2019	24.85
478	MAC'S SERVICE CENTER	VEHICLES REP & MAINT		2014 SILVERADO TRUCK REPAIR	0038871	1/25/2019	5/24/2019	738.75
479	MAC'S SERVICE CENTER	VEHICLES REP & MAINT		2014 SILVERADO REPAIRS	0038974	2/1/2019	5/24/2019	1,080.99
480	MANSFIELD OIL COMPANY OF	VEHICLE FUEL		FUEL CHARGES 04/16/19 - 04/30/19	SQLCD-511134	5/2/2019	5/10/2019	50.42
		GENERAL MATERIALS AND)	COMPRESSION SPRINGS	93680402	5/2/2019	5/24/2019	21.70
482	MIDWEST MOTOR SUPPLY CO. INC.	GENERAL MATERIALS AND)	CLEANER/CRIMPER/CAP SCREWS	7103170	5/1/2019	5/10/2019	199.47
483	MIDWEST MOTOR SUPPLY CO. INC.	GENERAL MATERIALS AND)	CAP SCREWS/METRIC CS	7137214	5/15/2019	5/24/2019	82.08
	MJC DESIGNS, LLC.	BLDGS EQUIP REP & MAIN	Т	COUNTY ADMIN WINDOW LETTERING	3252	5/8/2019	5/10/2019	118.25
		BLDGS EQUIP REP & MAIN	Т	KENTS STORE FIRE - INSULATION PKG	14691	4/23/2019	5/10/2019	1,573.55
	NELLIGAN INSULATION, INC.	BLDGS EQUIP REP & MAIN		FORK UNION FIRE - INSULATION COMPLETE	14692	4/29/2019	5/10/2019	2,918.00

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5	Vendor Name	Charge To	D	Description	Invoice Number	Invoice Date	Check Date	Check Amount
487	DENNIS JAMES	JANITORIAL SUPPLIES	R	REIMBURSEMENT - TV SCREEN CLEANER	052019	5/20/2019	5/24/2019	7.24
488	RAFALY ELECTRICAL CONTRACTORS,	BLDGS EQUIP REP & MAIN	T C	CARYSBROOK BALL FIELD LIGHTS -	8353	4/24/2019	5/3/2019	515.00
489	RAFALY ELECTRICAL CONTRACTORS,	BLDGS EQUIP REP & MAIN	T C	DISPOSAL OF FLORESCENT LAMPS	8354	4/24/2019	5/3/2019	530.00
490	RAFALY ELECTRICAL CONTRACTORS,	BLDGS EQUIP REP & MAIN	T C	OLD COURTHOUSE - ADD OUTLET FOR	8345	4/24/2019	5/3/2019	580.00
491	STAPLES CONTRACT & COMMERCIAL,	OFFICE SUPPLIES	C	OFFICE SUPPLIES	8054204010	5/4/2019	5/24/2019	94.69
492	TANNERS AUTO GLASS	VEHICLES REP & MAINT	D	DUMP TRUCK WINDSHIELD	0905	4/30/2019	5/3/2019	195.00
493	THE SUPPLY ROOM	GENERAL MATERIALS AND) N	MARKERS, COFFEE STIRRER	3660924-0	4/19/2019	5/3/2019	21.04
494	THE SUPPLY ROOM	GENERAL MATERIALS AND) C	CUPS	3666359-0	4/25/2019	5/3/2019	32.95
495	THE SUPPLY ROOM	GENERAL MATERIALS AND) B	BATTERIES	3675233-0	5/3/2019	5/24/2019	35.10
496	THE SUPPLY ROOM	OFFICE SUPPLIES	Т	THUMBTACKS, PUSH PINS, MAP TACKS	3665738-0	4/25/2019	5/3/2019	16.91
497	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	L	ONG DISTANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	6.07
498	VERIZON	TELECOMMUNICATIONS	٧	VIRELESS MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	457.60
499							Total:	\$24,960.22
500								
501	GENERAL SERVICES		-		-			
502	AMELIA OVERHEAD DOOR	MAINTENANCE CONTRACT	S P	PREVENTATIVE MAINTENANCE PALMYRA	124665	2/15/2019	5/24/2019	600.00
503	AQUA VIRGINIA, INC.	WATER SERVICES	R	REGISTRARS OFFICE	7970740556855 050619	5/6/2019	5/24/2019	19.86
504	AQUA VIRGINIA, INC.	WATER SERVICES	C	COMMONWEALTH ATTORNEY	15301850550900 50619	5/6/2019	5/24/2019	23.60
505	AQUA VIRGINIA, INC.	WATER SERVICES	Ν	NORTH GREEN - HISTORIC COURTHOUSE	7929300552931 050619	5/6/2019	5/24/2019	32.58
506	AQUA VIRGINIA, INC.	WATER SERVICES	Α	ADMINISTRATIVE OFFICE	7800100540828 050619	5/6/2019	5/24/2019	100.45
507	AQUA VIRGINIA, INC.	WATER SERVICES	Р	PUBLIC WORKS OFFICE	7929310552932 050619	5/6/2019	5/24/2019	128.32
508	BFPE INTERNATIONAL	MAINTENANCE CONTRACT	S F	LUVANNA FIRE - ADDITIONAL BACKFLOW	2341153	4/30/2019	5/10/2019	90.00
509	BFPE INTERNATIONAL	MAINTENANCE CONTRACT	S P	PERFORMING ARTS CTR QUARTERLY	2341151	4/30/2019	5/10/2019	100.00
510	BFPE INTERNATIONAL	MAINTENANCE CONTRACT	S C	COURTS BLDG - QUARERLY INSPECTION	2341150	4/30/2019	5/10/2019	190.00
	BFPE INTERNATIONAL	MAINTENANCE CONTRACT	S F	FLUVANNA FIRE ANNUAL INSPECTION	2341152	4/30/2019	5/10/2019	232.00
512	BFPE INTERNATIONAL	MAINTENANCE CONTRACT	S P	PALMYRA FIRE - FIRE ALARM MONITORING	2341327	5/6/2019	5/10/2019	390.00
513	BFPE INTERNATIONAL	MAINTENANCE CONTRACT	S F	FORK UNION FIRE - INSPECTION	2346641	5/23/2019	5/31/2019	90.00
514	BFPE INTERNATIONAL	MAINTENANCE CONTRACT	S F	FLUVANNA FIRE - INSPECTION	2346639	5/23/2019	5/31/2019	142.00
515	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	F	FLUVANNA FIRE	275907-002 050219	5/2/2019	5/10/2019	400.38
516	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	L	IBRARY	275906-001 043019	4/30/2019	5/10/2019	1,946.04
517	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	S	SHERIFF	85473-002 043019	4/30/2019	5/10/2019	2,332.28
518	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	Р	PUBLIC SAFETY - OUTLETS BEHIND	85473-003 051619	5/16/2019	5/24/2019	52.67
519	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	E	911 TOWER - LANDFILL	85473-005 051619	5/16/2019	5/24/2019	215.92
520	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	E	911 TOWER - COLUMBIA SCHOOL	85473-006 051619	5/16/2019	5/24/2019	216.39
521	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	H	HERITAGE FARM MUSEUM	275904-011 051619	5/16/2019	5/31/2019	36.49
522	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	Р	POLE BARN	275904-006 051619	5/16/2019	5/31/2019	43.11
523	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	D	OOG KENNEL - W RIVER ROAD	275904-008 051619	5/16/2019	5/31/2019	46.38

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524 C		ELECTRICAL SERVICES	CONVENIENCE CENTER	275904-002 051619	5/16/2019	5/31/2019	118.33
525 C	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	E911 TOWER - VFW HALL	275904-010 051619	5/16/2019	5/31/2019	163.95
526 C	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE HOUSE	275904-004 051619	5/16/2019	5/31/2019	250.84
527 C	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	E911 TOWER - PUBLIC SAFETY BLDG	275904-009 051619	5/16/2019	5/31/2019	361.20
		STREET LIGHTS	PUBLIC SAFETY - STREET LIGHTS NEAR	85473-001 051619	5/16/2019	5/24/2019	67.63
529 C	CENTURYLINK 589-8525	TELECOMMUNICATIONS	PAY PHONE MONTHLY CHARGES	A430945	4/25/2019	5/10/2019	50.00
530 C	CENTURYLINK	TELECOMMUNICATIONS	ADMIN MONTHLY CHARGES	309762613 041619	4/16/2019	5/3/2019	246.69
531 C	CENTURYLINK	TELECOMMUNICATIONS	ADMIN MONTHLY CHARGES	309762613 041619	4/16/2019	5/3/2019	677.24
532 C	CENTURYLINK	TELECOMMUNICATIONS	PUBLIC WORKS	309428096 051619	5/16/2019	5/31/2019	43.35
533 C	CENTURYLINK	TELECOMMUNICATIONS	PUBLIC WORKS	309697981 051619	5/16/2019	5/31/2019	52.25
534 C	CENTURYLINK	TELECOMMUNICATIONS	CIRCUIT COURT	310338742 051619	5/16/2019	5/31/2019	53.98
535 C	CENTURYLINK	TELECOMMUNICATIONS	CARYSBROOK PERFORMING ARTS	309898636 051619	5/16/2019	5/31/2019	107.67
536 C	CENTURYLINK	TELECOMMUNICATIONS	PALMYRA RESCUE SQUAD	310110229 051619	5/16/2019	5/31/2019	186.18
537 C	CENTURYLINK	TELECOMMUNICATIONS	ADMINISTRATION BUILDING	309762613 051619	5/16/2019	5/31/2019	250.35
538 C	CENTURYLINK	TELECOMMUNICATIONS	PUBLIC WORKS	309363296 051619	5/16/2019	5/31/2019	580.98
539 C	CENTURYLINK	TELECOMMUNICATIONS	ADMINISTRATION BUILDING	309762613 051619	5/16/2019	5/31/2019	677.38
540 C	CII SERVICE	MAINTENANCE CONTRACTS	S MAY SERVICE CONTRACT	44960	5/13/2019	5/24/2019	4,516.00
541 C	CINTAS	MAINTENANCE CONTRACTS	S PUBLIC WORKS - EYE WASH STATION	5013181797	3/27/2019	5/31/2019	204.80
542 C	COMPUTER CABLING & TECHNOLOGY	MAINTENANCE CONTRACTS	S APR 2019 LOCATING SERVICES - MISS	APR 2019	4/30/2019	5/3/2019	330.00
543 C	COUNTY WASTE, LLC	MAINTENANCE CONTRACTS	S TRASH SERVICE - FLUVANNA RESCUE	06-00017537 051319	5/13/2019	5/24/2019	85.00
544 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	OLD STONE JAIL	1424085007 042519	4/25/2019	5/3/2019	42.18
545 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	CARYSBROOK GYM & PUMP STATION	0084297506 042519	4/25/2019	5/3/2019	187.67
546 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	PALMYRA RESCUE SQUAD	4894115007 042519	4/25/2019	5/3/2019	188.00
547 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	PERFORMING ARTS CENTER	4144237502 042519	4/25/2019	5/3/2019	312.13
548 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	HISTORIC COURTHOUSE	1144090006 042519	4/25/2019	5/3/2019	337.07
549 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	PALMYRA FIRE STATION	1005898992 042519	4/25/2019	5/3/2019	352.34
550 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	FORK UNION FIRE STATION	4834680458 042519	4/25/2019	5/3/2019	418.09
551 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	TREASURER'S OFFICE	1024205005 402519	4/25/2019	5/3/2019	476.26
552 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	COMMUNITY CENTER & EXTENSION OFFICE	4331888158 042519	4/25/2019	5/3/2019	872.03
553 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	ADMINISTRATION BUILDING	1404067504 042519	4/25/2019	5/3/2019	997.06
554 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	SOCIAL SERVICES BUILDING	0074032509 042519	4/25/2019	5/3/2019	1,717.23
555 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	COURTS BUILDING	8895892548 042519	4/25/2019	5/3/2019	1,955.94
556 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	51 COURT SQUARE	1114097502 043019	4/30/2019	5/10/2019	18.77
557 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	222 MAIN STREET	1134080009 043019	4/30/2019	5/10/2019	19.00
558 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	LARGE BALLFIELD LIGHTS	3023889169 042619	4/26/2019	5/10/2019	34.74
559 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	CARYSBROOK PERFORMING ARTS CENTER	7048771633 043019	4/30/2019	5/10/2019	43.92
560 D	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	CELL TOWER AT FIRE STATION	5699060132 050119	5/1/2019	5/10/2019	47.77

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561	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	WEAVER BUILDING	1124090000 043019	4/30/2019	5/10/2019	66.26
562	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	REGISTRAR'S OFFICE	1284152509 043019	4/30/2019	5/10/2019	72.53
563	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	LARGE BALLFIELD CONCESSIONS	0692200942 043019	4/30/2019	5/10/2019	74.44
564	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	PUBLIC WORKS OFFICE	1304130006 043019	4/30/2019	5/10/2019	84.61
565	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	SMALL BALLFIELD CONCESSIONS & LIGHTS	0274195007 043019	4/30/2019	5/10/2019	86.52
566	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	CELL TOWER AT BREMO BLUFF	6260822157 043019	4/30/2019	5/10/2019	150.63
567	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	COMMONWEALTH'S ATTY	6274752663 043019	4/30/2019	5/10/2019	183.65
568	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	PUBLIC WORKS MAINTENANCE SHOP	2554330007 043019	4/30/2019	5/10/2019	214.75
569	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	FUSD OFFICE	8866300000 043019	4/30/2019	5/10/2019	337.64
570	DOMINION VIRGINIA POWER	STREET LIGHTS	FORK UNION STREET LIGHTS NORTH	7080078962 043019	4/30/2019	5/10/2019	78.13
571	DOMINION VIRGINIA POWER	STREET LIGHTS	FORK UNION STREET LIGHTS SOUTH	9609027314 403019	4/30/2019	5/10/2019	82.86
572	DOMINION VIRGINIA POWER	STREET LIGHTS	COLUMBIA STREET LIGHTS	4210122349 042919	4/29/2019	5/10/2019	207.86
573	DOMINION VIRGINIA POWER	STREET LIGHTS	PALMYRA VILLAGE STREET LIGHTING	3595578927 042919	4/29/2019	5/10/2019	485.43
574	GENSERV	MAINTENANCE CONTRACTS	S COURTS BLDG/PUBLIC SAFETY BLDG LOAD	3245	5/11/2019	5/24/2019	1,020.00
575	INTRASTATE PEST	MAINTENANCE CONTRACTS	S PALMYRA RESCUE BUILDING	10193987 041219	4/12/2019	5/3/2019	34.00
576	INTRASTATE PEST	MAINTENANCE CONTRACTS	S KENTS STORE FIRE HOUSE	10197869 041219	4/12/2019	5/3/2019	38.00
577	INTRASTATE PEST	MAINTENANCE CONTRACTS	S FORK UNION FIRE HOUSE	10197870 041219	4/12/2019	5/3/2019	38.00
578	INTRASTATE PEST	MAINTENANCE CONTRACTS	S CARYSBROOK CONCESSIONS	10181544 041219	4/12/2019	5/3/2019	40.00
579	INTRASTATE PEST	MAINTENANCE CONTRACTS	S PLEASANT GROVE CONCESSIONS	10181545 041219	4/12/2019	5/3/2019	40.00
580	INTRASTATE PEST	MAINTENANCE CONTRACT	S PUBLIC SAFETY BUILDING	10105783 041219	4/12/2019	5/3/2019	45.00
581	INTRASTATE PEST	MAINTENANCE CONTRACT	S FUSD QUARTERLY PEST CONTROL	1039465	1/8/2019	5/3/2019	95.00
582	MO-JOHNS, INC.	MAINTENANCE CONTRACT	S PLEASANT GROVE - CLEAN AND RESTOCK	117660	5/1/2019	5/10/2019	123.06
583	REPUBLIC SERVICES #410	MAINTENANCE CONTRACT	S 5 WASTE CONTAINER LIFTS	0410-000675678	4/30/2019	5/24/2019	1,946.10
584	REPUBLIC SERVICES #410	MAINTENANCE CONTRACT	S LANDFILL PICK UP SERVICE	0410-000675577	4/30/2019	5/24/2019	6,750.00
585	SHRED-IT USA LLC	LEASE/RENT	MONTHLY SHREDDER CHARGES	8127242862	5/7/2019	5/24/2019	150.00
586	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	FORK UNION FIRE - PROPANE	6785056	4/24/2019	5/3/2019	343.05
587	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	KENTS STORE FIRE HOUSE - PROPANE	6376303	3/7/2019	5/3/2019	1,293.15
588	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	SHERIFF OFFICE - PROPANE	6909150	5/7/2019	5/10/2019	113.06
589	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	PROPANE - FUSD OFFICE	6813969	5/17/2019	5/24/2019	579.99
590	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	LANDFILL E911 TOWER - PROPANE	6997347	5/23/2019	5/31/2019	52.71
591	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	VFW HALL E911 TOWER - PROPANE	6997467	5/23/2019	5/31/2019	57.85
592	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	CVEC E911 TOWER - PROPANE	6997466	5/23/2019	5/31/2019	65.08
593	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	REGISTRAR'S OFFICE - PROPANE	6947502	5/23/2019	5/31/2019	74.44
594	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	COLUMBIA E911 TOWER - PROPANE	6997349	5/23/2019	5/31/2019	106.47
595	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	BREMO E911 TOWER - PROPANE	6997546	5/23/2019	5/31/2019	172.99
596	TIGER FUEL COMPANY	HEATING SERVICES	COURTHOUSE - HEATING OIL	989716	4/29/2019	5/3/2019	1,462.75
597	TIGER FUEL COMPANY	HEATING SERVICES	OFF ROAD DIESEL	968965	5/2/2019	5/10/2019	164.82

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598	TREASURER, FLUVANNA CO	SEWER SERVICES		R'S OFFICE	201300-577 42304	5/16/2019	5/24/2019	25.36
599	TREASURER, FLUVANNA CO	SEWER SERVICES		VEALTH ATTORNEY	201000-574 42301	5/16/2019	5/24/2019	32.25
600	TREASURER, FLUVANNA CO	SEWER SERVICES	LIBRARY		206100-593 42313	5/16/2019	5/24/2019	42.96
601	TREASURER, FLUVANNA CO	SEWER SERVICES	PUBLIC SA	FETY BUILDING	206000-592 42312	5/16/2019	5/24/2019	50.60
	TREASURER, FLUVANNA CO	SEWER SERVICES		GROVE HOUSE	206800-18318 42322	5/16/2019	5/24/2019	58.25
	TREASURER, FLUVANNA CO	SEWER SERVICES	COURTS B		200200-565 42294	5/16/2019	5/24/2019	72.03
604	TREASURER, FLUVANNA CO	SEWER SERVICES		RATION BLDG	200300-567 42295	5/16/2019	5/24/2019	85.03
605	TREASURER, FLUVANNA CO	SEWER SERVICES	PUBLIC WO		201100575 42302	5/16/2019	5/24/2019	141.00
	TREASURER, FLUVANNA CO	WATER SERVICES	FORK UNIC		11120-134 42598	5/16/2019	5/24/2019	42.00
	TREASURER, FLUVANNA CO	WATER SERVICES		FIRE HOUSE	11121-139 42647	5/16/2019	5/24/2019	42.00
	TREASURER, FLUVANNA CO	WATER SERVICES		OOK BASEBALL FIELD	11259-3956 42646	5/16/2019	5/24/2019	42.00
609	TREASURER, FLUVANNA CO	WATER SERVICES		OK SOFTBALL FIELD	11266-3955 42645	5/16/2019	5/24/2019	42.00
	TREASURER, FLUVANNA CO	WATER SERVICES		OOK BUILDING	11265-131 42478	5/16/2019	5/24/2019	155.30
611	TREASURER, FLUVANNA CO	WATER SERVICES	FLUVANNA		11260-143 42477	5/16/2019	5/24/2019	344.50
612	VIRGINIA UTILITY PROTECTION	MAINTENANCE CONTRACTS			04190166	4/30/2019	5/10/2019	9.45
613	VIRGINIA UTILITY PROTECTION	MAINTENANCE CONTRACTS		ANSMISSIONS	03190165	3/31/2019	5/24/2019	6.30
614						0.0	Total:	\$42,594.35
615							101011	V 12,00 1100
	PUBLIC WORKS							
617	CALVIN HICKMAN	MILEAGE ALLOWANCES	MILEAGE F	REIMBURSEMENT	042919	4/29/2019	5/3/2019	87.00
	CALVIN HICKMAN	MILEAGE ALLOWANCES		REIMBURSEMENT	041519	4/15/2019	5/3/2019	333.27
	CALVIN HICKMAN	MILEAGE ALLOWANCES		REIMBURSEMENT	050119	5/1/2019	5/24/2019	232.58
620	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MO	ONTHLY CHARGES	20054113	5/13/2019	5/24/2019	220.00
621	THE SUPPLY ROOM	OFFICE SUPPLIES	PENS		3687226-0	5/16/2019	5/24/2019	60.36
622	VERIZON	TELECOMMUNICATIONS	WIRELESS	MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	124.80
623	VIRGINIA BUSINESS SYSTEMS	LEASE/RENT		ORKS - LARGE FORMAT PRINTER	24703865	4/29/2019	5/10/2019	93.04
624	-						Total:	\$1,151.05
625								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	CONVENIENCE CENTER							
	BFI - FLUVANNA TRANSFER STATION	CONTRACT SERVICES	TRASH & R	RECYCLING	4347-000006277	4/30/2019	5/24/2019	8,713.38
	CAMPBELL EQUIPMENT, INC.	CONTRACT SERVICES	36 TIRE DIS		051319	5/13/2019	5/24/2019	144.00
	CENTURYLINK	TELECOMMUNICATIONS		NCE CENTER	310392717 051619	5/16/2019	5/31/2019	71.95
	DRAPER ADEN ASSOCIATES	PROFESSIONAL SERVICES		IENTAL MONITORING PROGRAM -	2019010441	1/31/2019	5/31/2019	2,761.68
	DRAPER ADEN ASSOCIATES	PROFESSIONAL SERVICES		IENTAL MONITORING PROGRAM -	2019040558	4/30/2019	5/31/2019	2,785.64
	HERITAGE CRYSTALCLEAN, LLC	BLDGS EQUIP REP & MAINT			15682526	5/8/2019	5/24/2019	179.20
633	JAMES RIVER SOLUTIONS	VEHICLE FUEL	FUEL		050619	5/6/2019	5/10/2019	95.69
	MO-JOHNS, INC.	LEASE/RENT	_	TOLIETS - LANDFILL	117934	5/6/2019	5/24/2019	60.00
054	INIO UOI II VO, II VO.	LL/IOL/INLINI	IONIABLE	. TOLIL TO - LANDITLL	117934	3/0/2019	3/24/2019	00.00

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635	VERIZON	TELECOMMUNICATIONS		ESS MONTHLY CHARGES	9830470055		5/31/2019	81.76
636							Total:	\$14,893.30
637								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
638	PUBLIC UTILITIES							
639	ANDERSON TIRE COMPANY	VEHICLE/POWER EQUIP	STATE	INSPECTIONS	IN22141971/22141984	4/26/2019	5/24/2019	32.00
640	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES		PARK WELL	203061-001 051619	5/16/2019	5/31/2019	30.51
	CENTURYLINK	TELECOMMUNICATIONS		RA WASTEWATER MONTHLY PHONE	310089744 041919	4/19/2019	5/3/2019	47.51
642	CENTURYLINK	TELECOMMUNICATIONS		YRA WASTEWATER MONTHLY PHONE	309433290 041919	4/19/2019	5/3/2019	63.48
643	CENTURYLINK	TELECOMMUNICATIONS	FUSD		309719161 051619	5/16/2019	5/31/2019	199.49
644	CINTAS	LAUNDRY AND DRY		LEANING	394306877	4/25/2019	5/3/2019	46.27
645	CINTAS	LAUNDRY AND DRY		LEANING	394308743	5/2/2019	5/10/2019	41.34
646	CINTAS	LAUNDRY AND DRY	_	LEANING	394310594	5/9/2019	5/24/2019	41.34
	CINTAS	LAUNDRY AND DRY		LEANING	394312500	5/16/2019	5/24/2019	47.99
648	CINTAS	LAUNDRY AND DRY	_	RM CLEANING	394314330	5/23/2019	5/31/2019	41.34
649	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES		HOUSE - COURTS BUILDING WELL	4501632147 042519	4/25/2019	5/3/2019	169.47
0.0	INBODEN ENVIRONMENTAL	OUTSIDE ANALYTICAL		/RA WWTP WASTEWATER	66900	5/1/2019	5/10/2019	100.00
651	INBODEN ENVIRONMENTAL	OUTSIDE ANALYTICAL		SBROOK WWTP WASTEWATER	66901	5/1/2019	5/10/2019	100.00
652	INBODEN ENVIRONMENTAL	OUTSIDE ANALYTICAL		/RA WWTP WATEWATER	66911	5/2/2019	5/10/2019	130.00
653	INBODEN ENVIRONMENTAL	OUTSIDE ANALYTICAL		RAL WWTP WASTEWATER	66845	4/26/2019	5/10/2019	307.00
654	INBODEN ENVIRONMENTAL	OUTSIDE ANALYTICAL		(RA WWTP WASTEWATER	66843	4/26/2019	5/10/2019	347.00
655	INBODEN ENVIRONMENTAL	OUTSIDE ANALYTICAL		SBROOK WWTP WASTEWATER	66844	4/26/2019	5/10/2019	347.00
656	JAMES RIVER SOLUTIONS	VEHICLE FUEL	FUEL		050619	5/6/2019	5/10/2019	571.82
657	JONES AUTOMOTIVE/ALL STAR AUTO	GENERAL MATERIALS AND		3	1297 043019	4/30/2019	5/24/2019	15.33
658	JONES AUTOMOTIVE/ALL STAR AUTO	VEHICLE/POWER EQUIP	PARTS		1297 043019	4/30/2019	5/24/2019	46.77
	LOWE'S	GENERAL MATERIALS AND		ING/MAINTENANCE SUPPLIES	99000330383 042519	4/25/2019	5/24/2019	68.49
	MARYLAND BIOCHEMICAL CO., INC.	CHEMICAL SUPPLIES		ERIA FOR WASTEWATER TREATMENT	4MM1078	4/15/2019	5/3/2019	393.21
661	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTA		0151-5654 051919	5/19/2019	5/24/2019	180.13
662	VERIZON BUSINESS/MCI COMM	TELECOMMUNICATIONS		ESS CHARGES	09274321	4/25/2019	5/3/2019	19.00
663	VERIZON BUSINESS/MCI COMM	TELECOMMUNICATIONS		HLY CHARGES	09401192	5/25/2019	5/31/2019	19.51
664	VERIZON	TELECOMMUNICATIONS		ESS MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	336.20
665	VSI SUPPLY	BLDGS EQUIP REP & MAIN		PER PUMP	S2808	4/1/2019	5/3/2019	1,665.00
666	VSI SUPPLY	GENERAL MATERIALS AND		ES/MARKING PAINT	S2873	4/9/2019	5/3/2019	86.77
667	VSI SUPPLY	GENERAL MATERIALS AND		N FLUSH VALVE	S2853	4/3/2019	5/3/2019	126.92
668			320/11		32000	., 5, 2010	Total:	\$5,620.89
669							rotan	70,020.00
	HEALTH							
	CENTURYLINK	TELECOMMUNICATIONS	ADMIN	I MONTHLY CHARGES	309762613 041619	4/16/2019	5/3/2019	156.53
0/ 1	OLITION ILITAN	. LLLOOMINIOTHIOATIONS	, ADIVIII	I III OI II II OI II II OI II II OI II I	000702010 041019	7/10/2013	0/0/2010	100.00

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_	CENTURYLINK	TELECOMMUNICATIONS	ADMINISTRATION BUILDING	309762613 051619	5/16/2019	5/31/2019	157.13
	THOMAS JEFFERSON HEALTH	CONTRACT SERVICES	FY19 4TH QUARTER ALLOCATION -	040119	4/1/2019	5/3/2019	69,471.00
674	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DISTANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	12.64
675						Total:	\$69,797.30
676							. ,
	VJCCCA						
	WILLIAM DALY	PROFESSIONAL SERVICES	TUTORING	052319	5/23/2019	5/24/2019	75.00
679						Total:	\$75.00
680							
	CSA						
682	BRYAN MOELLER	SUBSISTENCE & LODGING	MEAL REIMBURSEMENT - RURAL CSA	050819	5/8/2019	5/24/2019	14.00
683	BRYAN MOELLER	SUBSISTENCE & LODGING	MEAL REIMBURSEMENT - ANNUAL CSA	042919	4/29/2019	5/24/2019	97.75
684	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	20054113	5/13/2019	5/24/2019	57.00
685	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	0151-5654 051919	5/19/2019	5/24/2019	72.18
686	STAPLES CONTRACT & COMMERCIAL,	OFFICE SUPPLIES	OFFICE SUPPLIES	8054204010	5/4/2019	5/24/2019	37.06
687	THE SUPPLY ROOM	OFFICE SUPPLIES	HANGING FOLDER TABS	3666580-0	4/25/2019	5/10/2019	22.68
688						Total:	\$300.67
689							
690	CSA PURCHASE OF SERVICES						
691		COMM SVCS		P04919757651	4/30/2019	5/31/2019	660.00
692		POS MANDATED FFOP		P04919756970	4/30/2019	5/3/2019	2,541.00
693		COMM SVCS		P03919749256	3/31/2019	5/3/2019	110.00
694		COMM SVCS		P02919749252	2/28/2019	5/3/2019	165.00
695		COMM SVCS		P03919749157	3/31/2019	5/3/2019	165.00
696		COMM SVCS		P03919748958	3/31/2019	5/3/2019	220.00
697		COMM SVCS		P02919748953	2/28/2019	5/3/2019	330.00
698		COMM SVCS		P02919749154	2/28/2019	5/3/2019	330.00
	BEAUTIFUL GATE MINISTRY, INC	COMM SVCS		P03919754759	3/31/2019	5/3/2019	535.00
	BEAUTIFUL GATE MINISTRY, INC	COMM SVCS		P04919754713	4/30/2019	5/17/2019	535.00
701	BELIEVE IN ME YOUTH & FAMILY	COMM SVCS		P04919757979	4/30/2019	5/10/2019	675.00
	BELIEVE IN ME YOUTH & FAMILY	COMM SVCS		P04919756580	4/30/2019	5/10/2019	1,125.00
703	BELIEVE IN ME YOUTH & FAMILY	FF4E-COMM SVCS		P04919749487	4/30/2019	5/10/2019	1,125.00
704	BELIEVE IN ME YOUTH & FAMILY	FF4E-COMM SVCS		P04919749686	4/30/2019	5/10/2019	1,125.00
705	C.M. MENTORING SERVICES LLC	COMM SVCS		P04000929647	4/30/2019	5/3/2019	937.50
	C.M. MENTORING SERVICES LLC	POS MANDATED WSS		P04000932671	4/30/2019	5/3/2019	1,000.00
707		POS MANDATED FFOP		P04919758090	4/30/2019	5/10/2019	1,606.00
708		POS MANDATED FFOP		P04919758191	4/30/2019	5/10/2019	1,606.00

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709		POS MANDATED FFOP				P04919758292	4/30/2019	5/10/2019	2,054.00
710		POS MANDATED FFOP				P05919758059	5/31/2019	5/31/2019	155.41
711		POS MANDATED FFOP				P05919758160	5/31/2019	5/31/2019	155.41
712		POS MANDATED FFOP				P05919758261	5/31/2019	5/31/2019	198.77
713	CHILD CONNECTION DEVELOPMENT	COMM SVCS				P11919740662	11/26/2018	5/3/2019	780.00
714	CHILD CONNECTION DEVELOPMENT	COMM SVCS				P09919740664	9/30/2018	5/3/2019	1,040.00
715	CHILD CONNECTION DEVELOPMENT	COMM SVCS				P10919740663	10/31/2018	5/3/2019	1,300.00
716	DETOUR MENTORING	COMM SVCS				P03919753160	3/31/2019	5/3/2019	330.00
717	DETOUR MENTORING	COMM SVCS				P04919753148	4/30/2019	5/3/2019	385.00
718	DETOUR MENTORING	COMM SVCS				P04919750249	4/30/2019	5/3/2019	880.00
719	DETOUR MENTORING	COMM SVCS				P04000930650	4/30/2019	5/3/2019	1,100.00
720	DETOUR MENTORING	COMM SVCS				P05000930653	5/31/2019	5/31/2019	1,100.00
721	DETOUR MENTORING	COMM SVCS				P05919750254	5/31/2019	5/31/2019	1,100.00
722	DETOUR MENTORING	COMM SVCS				P05919763552	5/31/2019	5/31/2019	1,100.00
723	DETOUR MENTORING	FF4E-COMM SVCS				P04919749365	4/30/2019	5/3/2019	330.00
724	DETOUR MENTORING	FF4E-COMM SVCS				P04919748766	4/30/2019	5/3/2019	770.00
725	DETOUR MENTORING	FF4E-COMM SVCS				P04919749767	4/30/2019	5/3/2019	935.00
726	DETOUR MENTORING	FF4E-COMM SVCS				P05919760155	5/31/2019	5/31/2019	165.00
727	DETOUR MENTORING	FF4E-COMM SVCS				P05919760456	5/31/2019	5/31/2019	330.00
728	DETOUR MENTORING	FF4E-COMM SVCS				P05919763757	5/31/2019	5/31/2019	550.00
729	DETOUR MENTORING	FF4E-COMM SVCS				P05919763858	5/31/2019	5/31/2019	825.00
730	DETOUR MENTORING	NON-MAND COMM BASED)			P04000933162	4/30/2019	5/31/2019	660.00
731	DETOUR MENTORING	NON-MAND COMM BASED)			P05000933163	5/31/2019	5/31/2019	660.00
	DETOUR MENTORING	POS MANDATED WSS				P04000930872	4/30/2019	5/3/2019	220.00
	DETOUR MENTORING	POS MANDATED WSS				P04000930773	4/30/2019	5/3/2019	880.00
	DETOUR MENTORING	POS MANDATED WSS				P04000930574	4/30/2019	5/3/2019	1,375.00
	DETOUR MENTORING	POS MANDATED WSS				P05000930766	5/31/2019	5/31/2019	1,100.00
736	DETOUR MENTORING	POS MANDATED WSS				P05000930567	5/31/2019	5/31/2019	1,375.00
737		POS MANDATED FFOP				P04919756893	4/30/2019	5/10/2019	1,841.00
738		POS MANDATED FFOP				P04919765648	4/30/2019	5/24/2019	182.46
739		POS MANDATED FFOP				P05919765649	5/6/2019	5/24/2019	529.74
740	DISCOVERY SCHOOL OF VA, INC	EDUC SVCS CONG CARE				P04000934128	4/30/2019	5/17/2019	2,210.00
	ELK HILL	POS MANDATED SPED-				P04000927996	4/30/2019	5/17/2019	1,450.00
	EXTRA SPECIAL PARENTS, INC.	POS MANDATED WSS				P04000931535	4/30/2019	5/17/2019	300.00
743	FAMILY PRESERVATION SERV.	COMM SVCS				P12000925942	12/31/2018	5/24/2019	750.00
744	FAMILY PRESERVATION SERV.	COMM SVCS				P04000931339	4/30/2019	5/24/2019	810.00
745	FAMILY PRESERVATION SERV.	COMM SVCS				P11000925944	11/30/2018	5/24/2019	1,035.00

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	County of Fluvanna		From Date:	5/1/2019				
1	Accounts Payable List		To Date:	5/31/2019				a tyler erp solution
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5	Vendor Name	Charge To	Description		Invoice Number	Invoice Date	Check Date	Check Amount
746	FAMILY PRESERVATION SERV.	COMM SVCS			P01000925943	1/31/2019	5/24/2019	1,050.00
747	FAMILY PRESERVATION SERV.	COMM SVCS			P04919750340	4/30/2019	5/24/2019	1,305.00
748	FAMILY PRESERVATION SERV.	POS MANDATED WSS			P04000931950	4/30/2019	5/24/2019	1,260.00
749	GPM INVESTMENTS LLC	COMM SVCS			P11919740826	11/30/2018	5/17/2019	70.00
750	GPM INVESTMENTS LLC	COMM SVCS			P12919743020	12/31/2018	5/17/2019	120.00
751	GPM INVESTMENTS LLC	COMM SVCS			P12919740819	12/31/2018	5/17/2019	140.00
752	GPM INVESTMENTS LLC	COMM SVCS			P01919740823	1/31/2019	5/17/2019	175.00
753	GPM INVESTMENTS LLC	COMM SVCS			P01919743024	1/31/2019	5/17/2019	200.00
754	GRAFTON INTERGRATED HEALTH	POS MANDATED SPED-			P12000932107	12/31/2018	5/17/2019	2,403.00
755	GRAFTON INTERGRATED HEALTH	POS MANDATED SPED-			P11000932112	11/30/2018	5/17/2019	4,272.00
756	HEALTH CONNECT AMERICA, INC.	POS MANDATED SPED-			P04000928797	4/30/2019	5/17/2019	4,930.00
757	HEALTH CONNECT AMERICA, INC.	POS MANDATED SPED-			P04000928898	4/30/2019	5/17/2019	4,930.00
758	INTERCEPT HEALTH	RES. CONG. CARE			P08000919294	8/21/2018	5/10/2019	255.37
759		POS MANDATED WSS			P04000931436	4/30/2019	5/17/2019	525.00
760		POS MANDATED WSS			P03000931437	3/31/2019	5/17/2019	600.00
761	LAFAYETTE SCHOOL, INC.	POS MANDATED SPED-			P04000921675	4/30/2019	5/10/2019	2,400.00
762	LAFAYETTE SCHOOL, INC.	POS MANDATED SPED-			P04000932476	4/30/2019	5/10/2019	3,200.00
763	LAFAYETTE SCHOOL, INC.	POS MANDATED SPED-			P04000933077	4/30/2019	5/10/2019	4,425.00
764	LAFAYETTE SCHOOL, INC.	POS MANDATED SPED-			P04000930178	4/30/2019	5/10/2019	4,720.00
765	LAFAYETTE SCHOOL, INC.	POS MANDATED SPED-			P02000932408	2/28/2019	5/17/2019	1,600.00
766	LAFAYETTE SCHOOL, INC.	POS MANDATED SPED-			P02000916809	2/28/2019	5/17/2019	2,950.00
767	LAFAYETTE SCHOOL, INC.	POS MANDATED SPED-			P03000932410	3/31/2019	5/17/2019	4,000.00
768	LAFAYETTE SCHOOL, INC.	POS MANDATED SPED-			P04000933399	4/30/2019	5/17/2019	4,720.00
769	LAFAYETTE SCHOOL, INC.	POS MANDATED SPED-			P03000933311	3/31/2019	5/17/2019	6,195.00
770	LIONHEART RESORT LLC	EDUC SVCS CONG CARE			P02919746083	2/28/2019	5/10/2019	3,400.00
771	LIONHEART RESORT LLC	EDUC SVCS CONG CARE			P03919746084	3/31/2019	5/10/2019	3,570.00
772	LIONHEART RESORT LLC	EDUC SVCS CONG CARE			P04919746082	4/30/2019	5/10/2019	3,740.00
773	LIONHEART RESORT LLC	EDUC SVCS CONG CARE			P11919737647	11/30/2018	5/24/2019	850.00
774	LIONHEART RESORT LLC	EDUC SVCS CONG CARE			P12919737645	12/31/2018	5/24/2019	3,400.00
775	LIONHEART RESORT LLC	EDUC SVCS CONG CARE			P01919737646	1/31/2019	5/24/2019	3,740.00
776	LIONHEART RESORT LLC	POS MAND FC LIC RES COI	NG		P04919746185	4/30/2019	5/10/2019	7,500.00
777		POS MANDATED FFOP			P04919758568	4/30/2019	5/3/2019	1,382.00
778		POS MANDATED FFOP			P04919758669	4/30/2019	5/3/2019	1,830.00
779	NATIONAL COUNSELING GROUP	COMM SVCS			P02919751621	2/28/2019	5/17/2019	648.90
780	NATIONAL COUNSELING GROUP	COMM SVCS			P04919755241	4/30/2019	5/24/2019	360.00
	NATURAL STEPS LLC	COMM SVCS			P04919757414	4/30/2019	5/17/2019	810.00
782	NATURAL STEPS LLC	COMM SVCS			P04919757515	4/30/2019	5/17/2019	1,100.00

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5	Vendor Name	Charge To	Description		Invoice Number	Invoice Date	Check Date	Check Amount
783	NORTHSTAR ACADEMY, INC.	POS MANDATED SPED-			P04000921538	4/30/2019	5/24/2019	1,496.00
784	PEOPLE PLACES, INC.	COMM SVCS			P04919749016	4/30/2019	5/17/2019	316.25
	PEOPLE PLACES, INC.	COMM SVCS			P04919757817	4/30/2019	5/17/2019	425.00
	PEOPLE PLACES, INC.	FF4E-COMM SVCS			P04919756329	4/30/2019	5/17/2019	275.00
	PEOPLE PLACES, INC.	POS MAND THER FC 4E			P04919756234	4/30/2019	5/17/2019	3,600.00
	REDEMPTION YOUTH MENTORING	COMM SVCS			P02000932522	2/28/2019	5/17/2019	1,470.00
	REDEMPTION YOUTH MENTORING	COMM SVCS			P03000932525	3/31/2019	5/17/2019	1,500.00
	REGION TEN	POS MANDATED WSS			P03000932095	3/31/2019	5/10/2019	219.18
	REGION TEN	POS MANDATED WSS			P04000931164	4/30/2019	5/31/2019	584.48
792	REGION TEN	POS MANDATED WSS			P04000932065	4/30/2019	5/31/2019	1,132.43
793		COMM SVCS			P04919753318	4/30/2019	5/17/2019	240.00
794		FF4E-COMM SVCS			P04919756430	4/30/2019	5/17/2019	840.00
	STEVEN WELSH, LPC	COMM SVCS			P03000932861	3/31/2019	5/3/2019	190.00
	STEVEN WELSH, LPC	COMM SVCS			P04000932851	4/30/2019	5/3/2019	190.00
	STEVEN WELSH, LPC	COMM SVCS			P02000932855	2/28/2019	5/3/2019	380.00
798	STEVEN WELSH, LPC	COMM SVCS			P04000930381	4/30/2019	5/10/2019	380.00
	SUSAN DALY	POS MANDATED FFOP			P04919757088	4/30/2019	5/10/2019	945.00
800	THE DISCOVERY SCHOOL OF VA FOR	EDUC SVCS CONG CARE			P04000930027	4/4/2019	5/17/2019	340.00
801	THE DISCOVERY SCHOOL OF VA FOR	RES. CONG. CARE			P04000929831	4/4/2019	5/17/2019	140.00
802	THE DISCOVERY SCHOOL OF VA FOR	RES. CONG. CARE			P04000929732	4/4/2019	5/17/2019	148.00
803	THE DISCOVERY SCHOOL OF VA FOR	RES. CONG. CARE			P04000930933	4/4/2019	5/17/2019	180.00
804	THE FAISON CENTER	POS MANDATED SPED-			P04000923400	4/30/2019	5/17/2019	4,420.00
805	THE FAISON CENTER	POS MANDATED SPED-			P04000917401	4/30/2019	5/17/2019	5,270.00
806	THE FAISON CENTER	POS MANDATED SPED-			P04000917302	4/30/2019	5/17/2019	5,585.00
807	THE FAISON CENTER	POS MANDATED SPED-			P04000922403	4/30/2019	5/17/2019	8,390.00
808		POS MANDATED FFOP			P04919758389	4/28/2019	5/10/2019	2,554.44
809	VIRGINIA INSTITUTE OF AUTISM	POS MANDATED SPED-			P04000922804	4/30/2019	5/17/2019	7,618.00
810	VIRGINIA INSTITUTE OF AUTISM	POS MANDATED SPED-			P04000922605	4/30/2019	5/17/2019	7,657.00
811	VIRGINIA INSTITUTE OF AUTISM	POS MANDATED SPED-			P04000922706	4/30/2019	5/17/2019	8,047.00
812							Total:	\$199,061.34
813								
	PARKS & RECREATION	1						
	ASHLEIGH MORRIS	PROFESSIONAL SERVICES	DOG CLASSE	ES .	28 - 2019	5/2/2019	5/10/2019	832.00
	AUTOMATED OFFICE SYSTEMS	LEASE/RENT		NTHLY PERIOD CHARGES &	086077	4/29/2019	5/10/2019	31.64
	AUTOMATED OFFICE SYSTEMS	LEASE/RENT		NTHLY PERIOD CHARGE	086078	4/29/2019	5/10/2019	129.00
	BANK OF AMERICA	RECREATIONAL SUPPLIES			043019	4/30/2019	5/20/2019	(\$159.99)
	BANK OF AMERICA	RECREATIONAL SUPPLIES			043019	4/30/2019	5/20/2019	(\$149.99)
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5	Vendor Name	Charge To		Description	Invoice Number	Invoice Date	Check Date	Check Amount
820	BANK OF AMERICA	RECREATIONAL SUPPLIES	;	P-CARD	043019	4/30/2019	5/20/2019	4.00
821	BANK OF AMERICA	RECREATIONAL SUPPLIES	;	P-CARD	043019	4/30/2019	5/20/2019	14.67
822	BANK OF AMERICA	RECREATIONAL SUPPLIES	;	P-CARD	043019	4/30/2019	5/20/2019	19.94
823	BANK OF AMERICA	RECREATIONAL SUPPLIES	;	P-CARD	043019	4/30/2019	5/20/2019	34.53
824	BANK OF AMERICA	RECREATIONAL SUPPLIES	;	P-CARD	043019	4/30/2019	5/20/2019	42.06
825	BANK OF AMERICA	RECREATIONAL SUPPLIES	;	P-CARD	043019	4/30/2019	5/20/2019	45.62
826	BANK OF AMERICA	RECREATIONAL SUPPLIES	;	P-CARD	043019	4/30/2019	5/20/2019	80.98
827	BANK OF AMERICA	RECREATIONAL SUPPLIES	;	P-CARD	043019	4/30/2019	5/20/2019	116.35
828	BANK OF AMERICA	RECREATIONAL SUPPLIES	;	P-CARD	043019	4/30/2019	5/20/2019	132.00
829	BANK OF AMERICA	RECREATIONAL SUPPLIES	;	P-CARD	043019	4/30/2019	5/20/2019	144.00
830	BANK OF AMERICA	RECREATIONAL SUPPLIES	;	P-CARD	043019	4/30/2019	5/20/2019	208.06
831	BANK OF AMERICA	RECREATIONAL SUPPLIES	;	P-CARD	043019	4/30/2019	5/20/2019	309.98
832	BANK OF AMERICA	RECREATIONAL SUPPLIES	;	P-CARD	043019	4/30/2019	5/20/2019	2,192.00
833	BANK OF AMERICA	SITE IMPROVEMENTS		P-CARD	043019	4/30/2019	5/20/2019	75.82
834	BONNIE SNODDY	PROFESSIONAL SERVICES	3	KARATE	30 - 2019	5/6/2019	5/10/2019	35.00
835	BONNIE SNODDY	PROFESSIONAL SERVICES	3	KARATE	25	5/2/2019	5/10/2019	490.00
836	BONNIE SNODDY	PROFESSIONAL SERVICES	3	KARATE	32 2019	5/21/2019	5/24/2019	52.50
837	DEVI PETERSON	PROFESSIONAL SERVICES	3	YOGA CLASS	27 - 2019	5/3/2019	5/10/2019	222.60
838	DEVI PETERSON	PROFESSIONAL SERVICES	3	YOGA	31	5/21/2019	5/24/2019	249.20
839	FLUVANNA CO SHERIFF'S OFC	PROFESSIONAL SERVICES	3	CARNIVAL SECURITY	FCPR11 2019	5/13/2019	5/24/2019	680.00
840	FLUVANNA REVIEW	ADVERTISING		CARNIVAL AD	2019F18-13	5/2/2019	5/10/2019	103.00
841	HAROLD BOYD	PROFESSIONAL SERVICES	3	T-BALL	26	5/3/2019	5/10/2019	420.00
842	HEATHER ANTONACCI	PROFESSIONAL SERVICES	3	HORSEBACK CLASS	29 - 2019	5/6/2019	5/10/2019	210.00
843	JAMES RIVER SOLUTIONS	VEHICLE FUEL		FUEL	050619	5/6/2019	5/10/2019	159.48
844	LAKESHORE MANAGERS, LLC	RECREATIONAL SUPPLIES	;	CANOE/KAYAK TRAILER	34753	4/25/2019	5/31/2019	1,173.00
845	MO-JOHNS, INC.	CONTRACT SERVICES		EQUESTRIAN FIELD PORTABLE TOLIET	117707	5/1/2019	5/10/2019	60.00
846	MO-JOHNS, INC.	CONTRACT SERVICES		SOFTBALL FIELD PORTABLE TOLIET	117708	5/1/2019	5/10/2019	60.00
847	MO-JOHNS, INC.	CONTRACT SERVICES		POLE BARN PORTABLE TOLIET	117711	5/1/2019	5/10/2019	60.00
848	MO-JOHNS, INC.	CONTRACT SERVICES		CARYSBROOK PORTABLE TOLIETS	117710	5/1/2019	5/10/2019	100.00
849	MO-JOHNS, INC.	CONTRACT SERVICES		SOCCER FIELD PORTABLE TOLIETS	117709	5/1/2019	5/10/2019	120.00
850	MO-JOHNS, INC.	CONTRACT SERVICES		PORTABLE TOLIETS FOR CARNIVAL	118171	5/8/2019	5/24/2019	660.00
	QUILL	OFFICE SUPPLIES		DAILY PLANNER	6975080	4/30/2019	5/10/2019	12.80
852	QUILL	OFFICE SUPPLIES		MARKERS/KEYBOARD/MOUSE/LAMINATING	6966664	4/30/2019	5/10/2019	110.63
853	QUILL	OFFICE SUPPLIES		ACRYLIC WALL MOUNT HOLDER	6964281	4/30/2019	5/10/2019	144.50
854	QUILL	OFFICE SUPPLIES		WIRELESS MOUSE	7043936	5/2/2019	5/24/2019	39.99
855	RAFALY ELECTRICAL CONTRACTORS,	SITE IMPROVEMENTS		SCOREBOARD	8346	4/24/2019	5/10/2019	3,944.00
856	RANGELAND GLO-WRAP	RECREATIONAL SUPPLIES	;	MEDALS WITH RIBBONS ENGRAVED	3911	4/29/2019	5/3/2019	23.88

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857	SAM'S CLUB	RECREATIONAL SUPPLIES	2 FIRE PROOF SAFE	9179 043019	4/30/2019	5/3/2019	641.96
858	THE CENTRAL VIRGINIAN	ADVERTISING	GUIDE TO FLUVANNA	300186332	4/30/2019	5/10/2019	160.00
859	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DISTANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	2.38
860	VERIZON BUSINESS/MCI COMM	TELECOMMUNICATIONS	WIRELESS CHARGES	09274321	4/25/2019	5/3/2019	19.01
861	VERIZON BUSINESS/MCI COMM	TELECOMMUNICATIONS	MONTHLY CHARGES	09401192	5/25/2019	5/31/2019	19.51
862	VERIZON	TELECOMMUNICATIONS	WIRELESS MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	166.40
863	VIRGINIA BUSINESS SYSTEMS	LEASE/RENT	KONICA BIZHUB MONTHLY CHARGES	24675184	4/23/2019	5/10/2019	101.15
864	VIRGINIA BUSINESS SYSTEMS	LEASE/RENT	MURATEC COPIER MONTHLY CHARGES	24675185	4/23/2019	5/10/2019	112.84
865	VIRGINIA RECREATION & PARK	RECREATIONAL SUPPLIES	KINGS DOMINION SUPER SAVER TICKETS	33788	3/13/2019	5/24/2019	390.00
866	VIRGINIA RECREATION & PARK	RECREATIONAL SUPPLIES	KINGS DOMINION SUPER SAVER TICKETS	33788	3/13/2019	5/24/2019	1,872.00
867						Total:	\$16,718.50
868							
869	LIBRARY						
870	AMAZON.COM	BOOKS/PUBLICATIONS	BOOKS, DVDS AND SUPPLIES	051019	5/10/2019	5/24/2019	6,651.15
871	BANK OF AMERICA	BOOKS/PUBLICATIONS	P-CARD	043019	4/30/2019	5/20/2019	10.00
	BANK OF AMERICA	BOOKS/PUBLICATIONS	P-CARD	043019	4/30/2019	5/20/2019	19.99
873	BANK OF AMERICA	BOOKS/PUBLICATIONS	P-CARD	043019	4/30/2019	5/20/2019	24.95
	BANK OF AMERICA	MAINTENANCE CONTRACT	S P-CARD	043019	4/30/2019	5/20/2019	21.17
875	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	043019	4/30/2019	5/20/2019	50.62
876	CENTURYLINK	TELECOMMUNICATIONS	LIBRARY	309647441 051619	5/16/2019	5/31/2019	2,076.77
	GALE	BOOKS/PUBLICATIONS	BOOKS	66973298	4/22/2019	5/3/2019	266.31
	GALE	BOOKS/PUBLICATIONS	BOOKS	66998513	4/29/2019	5/10/2019	85.57
	GALE	BOOKS/PUBLICATIONS	воок	67071002	5/14/2019	5/24/2019	13.59
	GALE	BOOKS/PUBLICATIONS	BOOKS	67045782	5/8/2019	5/24/2019	85.57
	MICROMARKETING LLC	BOOKS/PUBLICATIONS	DVD	767923	4/29/2019	5/10/2019	19.98
882	MICROMARKETING LLC	BOOKS/PUBLICATIONS	CD BOOK	767654	4/25/2019	5/10/2019	39.99
883	MICROMARKETING LLC	BOOKS/PUBLICATIONS	DVD	457487	5/8/2019	5/24/2019	19.95
	MICROMARKETING LLC	BOOKS/PUBLICATIONS	BOOKS	769936	5/9/2019	5/24/2019	96.60
1 000	SHOWCASES	OFFICE SUPPLIES	DOUBLE CD ALL CLOTH PAGES	311542	4/12/2019	5/3/2019	105.00
886	STAPLES CONTRACT & COMMERCIAL,	OFFICE SUPPLIES	PAPER, OFFICE SUPPLIES, CUPS	2291499651	5/15/2019	5/31/2019	244.96
887	THE PENWORTHY COMPANY	BOOKS/PUBLICATIONS	CHILDREN'S BOOKS	0549712-IN	3/5/2019	5/10/2019	1,559.98
888	VA INFORMATION	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T423477	5/3/2019	5/10/2019	3.50
889						Total:	\$11,395.65
890							
	COUNTY PLANNER						
	ATLANTIC TECHNOLOGY	PROFESSIONAL SERVICES	CO-LOCATION APPLICATION REVIEW	1606	4/29/2019	5/3/2019	900.00
893	BANK OF AMERICA	CONVENTION AND	P-CARD	043019	4/30/2019	5/20/2019	38.77

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COUNTY OF FILWARD ACCOUNTS PAYABLE LIST COUNTY OF FILWARD ACCOUNTS PAYABLE LIST COUNTY OF FILWARD ACCOUNTS PAYABLE LIST COUNTY OF MAINE COUNTY FILWARD ACCOUNTS PAYABLE LIST COUNTY FILWARD ADMIN OF AMERICA CONVENTION AND P-CARD MASSING #3020019 5202019 77,000 ADMIN OF AMERICA CONVENTION AND P-CARD MASSING #3020019 5202019 200,000 ADMIN OF AMERICA CONVENTION AND P-CARD MASSING #3020019 5202019 200,000 ADMIN OF AMERICA CONVENTION AND P-CARD MASSING #3020019 5202019 200,000 ADMIN OF AMERICA CONVENTION AND P-CARD MASSING #3020019 5202019 5202019 42,28 ADMIN OF AMERICA COTTLER OFERATING P-CARD MASSING #3020019 5202019 5202019 45,000 ADMIN OF AMERICA CONVENTION AND P-CARD MASSING #3020019 5202019 5202019 45,000 ADMIN OF AMERICA CONVENTION AND P-CARD MASSING #3020019 5202019 5202019 45,000 ADMIN OF AMERICA CONVENTION AND P-CARD MASSING #3020019 5002019 5002019 5002019 45,000 ADMIN OF AMERICA CONVENTION AND P-CARD MASSING #3020019 5002019				1 _ 1				0-19 p.305/354
Accounts Payable List		A	В	C D	F	G	Н	I J
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SAME ADMINISTRATE ANALYSIS	3							
SAMK OF AMERICA	5	Vendor Name	Charge To	Description	Invoice Number	Invoice Date	Check Date	Check Amount
SAME OF AMERICA	894	BANK OF AMERICA	CONVENTION AND	P-CARD	043019	4/30/2019	5/20/2019	78.00
B97 BANK OF AMERICA OTHER OPERATING P-CARD 04/3019 4/30/2019 5/20/2019 320.004 398 30.000 FINANCIAL SERVICES, INC. LEASE/RENT COPIER MONTHLY CHARGES 2005413 5/13/2019 5/24/2019 320.00 399 FLUVANNA REVIEW ADVERTISING MAY 21 BZA PUBLIC HEARING AD 2019F20-12 5/16/2019 5/24/2019 128.75 300.00 348CS RIVER SOLUTIONS VEHICLE FUEL FUEL 06/6619 5/6/2019 5/10/2019 149.03 349.03 349.03 5/34/2019 5/34/2019 149.03 349.03 5/34/2019 5/34/2019 149.03 349.03 5/34/2019 5/34/2019 149.03 349.03 5/34/2019 5/34/2019 5/34/2019 5/34/2019 34.87 349.03 5/34/2019 5/34/2019 5/34/2019 5/34/2019 5/34/2019 34.87 349.03 5/34/2019 5/34/2019 5/34/2019 5/34/2019 34.87 349.03 5/34/2019 5/3	895	BANK OF AMERICA	CONVENTION AND	P-CARD	043019	4/30/2019	5/20/2019	200.00
SP93 CANON FINANCIAL SERVICES, INC. LEASE/RENT COPIER MONTHLY CHARGES 20054113 5/13/2019 5/24/2019 320,00	896	BANK OF AMERICA	OTHER OPERATING	P-CARD	043019	4/30/2019	5/20/2019	42.28
1995 FLUVANNA REVIEW ADVERTISING MAY 21 BZA PUBLIC HEARING AD 2019F20-12 5/16/2019 5/24/2019 128.75	897	BANK OF AMERICA	OTHER OPERATING	P-CARD	043019	4/30/2019	5/20/2019	45.06
2000 JAMES RIVER SOLUTIONS VEHICLE FUEL FUEL 0.56619 5/62/2019 5/3/2019 149.03 1907 JASON STEWART MILEAGE ALLOWANCES MILEAGE REIMBURSEMENT - VDOT 0.42519 4/25/2019 5/3/2019 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98 1907 104.98	898	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	20054113	5/13/2019	5/24/2019	320.00
100 JASON STEWART	899	FLUVANNA REVIEW	ADVERTISING	MAY 21 BZA PUBLIC HEARING AD	2019F20-12	5/16/2019	5/24/2019	128.75
POSTAGE O151-664 051919 5/49/2019 5/24/2019 84.87	900	JAMES RIVER SOLUTIONS	VEHICLE FUEL	FUEL	050619	5/6/2019	5/10/2019	149.03
373 373	901	JASON STEWART	MILEAGE ALLOWANCES	MILEAGE REIMBURSEMENT - VDOT	042519	4/25/2019	5/3/2019	104.98
905 VA INFORMATION TECHNOLOGIES TELECOMMUNICATIONS LONG DISTANCE MONTHLY CHARGES 9830470055 5/19/2019 5/10/2019 17.82	902	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	0151-5654 051919	5/19/2019	5/24/2019	84.87
	903	STAPLES CONTRACT & COMMERCIAL,	OFFICE SUPPLIES	OFFICE SUPPLIES	8054204010	5/4/2019	5/24/2019	113.31
906 VIRGINIA BUSINESS SYSTEMS LEASE/RENT PLANNING LARGE FORMAT PRINTER 24703866 4/29/2019 5/10/2019 93.04	904	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DISTANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	17.82
Total: \$2,375.64	905	VERIZON	TELECOMMUNICATIONS	WIRELESS MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	59.73
908 909 PLANNING COMMISSION 910 ATLANTIC TECHNOLOGY PROFESSIONAL SERVICES NEW TOWER APPLICATION REVIEW 1577 37/2019 5/24/2019 3,200.00 911 FLUVANNA REVIEW ADVERTISING REZONING REQUESTS MEETING AD 2019F17-15 4/25/2019 5/3/2019 168.75 912 FLUVANNA REVIEW ADVERTISING PLANNING MAY MEETING AD 2019F18-14 5/2/2019 5/10/2019 168.75 913 PITNEY BOWES PURCHASE PWR POSTAL SERVICES POSTAGE 0151-5654 051919 5/19/2019 5/24/2019 49.81 914 915 915 916	906	VIRGINIA BUSINESS SYSTEMS	LEASE/RENT	PLANNING LARGE FORMAT PRINTER	24703866	4/29/2019	5/10/2019	93.04
909 PLANNING COMMISSION 910 ATLANTIC TECHNOLOGY PROFESSIONAL SERVICES NEW TOWER APPLICATION REVIEW 1577 3/7/2019 5/24/2019 3,200.00 11 FLUVANNA REVIEW ADVERTISING REZONING REQUESTS MEETING AD 2019F17-15 4/25/2019 5/3/2019 168.75 12 FLUVANNA REVIEW ADVERTISING PLANNING MAY MEETING AD 2019F18-14 5/2/2019 5/10/2019 168.75 13 PITNEY BOWES PURCHASE PWR POSTAL SERVICES POSTAGE 0151-5654 051919 5/19/2019 5/24/2019 49.81 14 STATE OF THE OWN	907						Total:	\$2,375.64
910 ATLANTIC TECHNOLOGY	908							
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912 FLUVANNA REVIEW ADVERTISING PLANNING MAY MEETING AD 2019F18-14 5/2/2019 5/10/2019 168.75 913 PITNEY BOWES PURCHASE PWR POSTAL SERVICES POSTAGE 0151-5654 051919 5/19/2019 5/24/2019 49.81 914 Total: \$3,587.31 915 POSTAGE POSTAGE 0151-5654 051919 5/29/2019 5/24/2019 49.81 916 ECONOMIC DEVELOPMENT POSTAL SERVICES POSTAGE POSTAGE REIMBURSEMENT - VEDA CONFERENCE 052919 5/29/2019 5/31/2019 125.00 918 BRYAN ROTHAMEL CONVENTION AND REIMBURSEMENT - VEDA CONFERENCE 052919 4/25/2019 5/31/2019 76.10 919 CANON FINANCIAL SERVICES, INC. LEASE/RENT COPIER MONTHLY CHARGES 20054113 5/13/2019 5/24/2019 5/30/2019 5/30/2019 920 PITNEY BOWES PURCHASE PWR POSTAL SERVICES POSTAGE 0151-5654 051919 5/19/2019 5/19/2019 5/24/2019 1.31 921 VERIZON TELECOMMUNICATIONS WIRELESS MONTHLY CHARGES 9830470055 5/19/2019 5/31/2019 41.60 922 VIRGINIA ECONOMIC DEVELOPERS CONVENTION AND 2018 VEDA ANNUAL MEETING/WINTER 200004255 11/13/2018 5/31/2019 135.00 923 TOTAL S436.01 924 POSTAGE P-CARD 043019 4/30/2019 5/20/2019 8.87 927 VA COOPERATIVE EXTENSION P-CARD 043019 4/30/2019 5/20/2019 115.99 928 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 920 P-CARD 043019 4/30/2019 5/20/2019 115.99 920 P-CARD 043019 4/30/2019 5/20/2019 115.99 920 P-CARD 043019 4/30/2019 5/20/2019 115.99 921 P-CARD P-CARD P-CARD P-CARD P-CAR	910	ATLANTIC TECHNOLOGY	PROFESSIONAL SERVICES	S NEW TOWER APPLICATION REVIEW	1577	3/7/2019	5/24/2019	3,200.00
913 PITNEY BOWES PURCHASE PWR POSTAL SERVICES POSTAGE 0151-5654 051919 5/19/2019 5/24/2019 49.81 914	911	FLUVANNA REVIEW	ADVERTISING	REZONING REQUESTS MEETING AD	2019F17-15	4/25/2019	5/3/2019	168.75
914 915 916 916 917 917 917 917 918 918 919	912	FLUVANNA REVIEW	ADVERTISING	PLANNING MAY MEETING AD	2019F18-14	5/2/2019	5/10/2019	168.75
915 916 ECONOMIC DEVELOPMENT 917 BRYAN ROTHAMEL CONVENTION AND REIMBURSEMENT - VEDA CONFERENCE 052919 5/29/2019 5/31/2019 125.00 918 BRYAN ROTHAMEL MILEAGE ALLOWANCES MILEAGE REIMBURSEMENT - VEDP 042519 4/25/2019 5/3/2019 76.10 919 CANON FINANCIAL SERVICES, INC. LEASE/RENT COPIER MONTHLY CHARGES 20054113 5/13/2019 5/24/2019 57.00 920 PITNEY BOWES PURCHASE PWR POSTAL SERVICES POSTAGE 0151-5654 051919 5/19/2019 5/24/2019 1.31 921 VERIZON TELECOMMUNICATIONS WIRELESS MONTHLY CHARGES 9830470055 5/19/2019 5/31/2019 41.60 922 VIRGINIA ECONOMIC DEVELOPERS CONVENTION AND 2018 VEDA ANNUAL MEETING/WINTER 20004255 11/13/2018 5/31/2019 135.00 923 Total: \$436.01 924	913	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	0151-5654 051919	5/19/2019	5/24/2019	49.81
916 ECONOMIC DEVELOPMENT 917 BRYAN ROTHAMEL CONVENTION AND REIMBURSEMENT - VEDA CONFERENCE 052919 5/29/2019 5/31/2019 125.00 918 BRYAN ROTHAMEL MILEAGE ALLOWANCES MILEAGE REIMBURSEMENT - VEDP 042519 4/25/2019 5/3/2019 76.10 919 CANON FINANCIAL SERVICES, INC. LEASE/RENT COPIER MONTHLY CHARGES 20054113 5/13/2019 5/24/2019 57.00 920 PITNEY BOWES PURCHASE PWR POSTAL SERVICES POSTAGE 0151-5654 051919 5/19/2019 5/24/2019 1.31 921 VERIZON TELECOMMUNICATIONS WIRELESS MONTHLY CHARGES 9830470055 5/19/2019 5/31/2019 41.60 922 VIRGINIA ECONOMIC DEVELOPERS CONVENTION AND 2018 VEDA ANNUAL MEETING/WINTER 200004255 11/13/2018 5/31/2019 135.00 923 Total: \$436.01 924 925 VA COOPERATIVE EXTENSION 926 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 14.98 928 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 112.199 929 920	914						Total:	\$3,587.31
917 BRYAN ROTHAMEL CONVENTION AND REIMBURSEMENT - VEDA CONFERENCE 052919 5/29/2019 5/31/2019 125.00 918 BRYAN ROTHAMEL MILEAGE ALLOWANCES MILEAGE REIMBURSEMENT - VEDP 042519 4/25/2019 5/32/019 76.10 919 CANON FINANCIAL SERVICES, INC. LEASE/RENT COPIER MONTHLY CHARGES 20054113 5/13/2019 5/24/2019 57.00 920 PITNEY BOWES PURCHASE PWR POSTAL SERVICES POSTAGE 0151-5654 051919 5/19/2019 5/24/2019 1.31 921 VERIZON TELECOMMUNICATIONS WIRELESS MONTHLY CHARGES 9830470055 5/19/2019 5/31/2019 5/31/2019 41.60 922 VIRGINIA ECONOMIC DEVELOPERS CONVENTION AND 2018 VEDA ANNUAL MEETING/WINTER 200004255 11/13/2018 5/31/2019 135.00 923 Total: \$436.01 924 925 VA COOPERATIVE EXTENSION 926 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 14.98 928 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 920 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 920 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 920 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 920 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 1121.99	915							
918 BRYAN ROTHAMEL MILEAGE ALLOWANCES MILEAGE REIMBURSEMENT - VEDP 042519 4/25/2019 5/3/2019 76.10 919 CANON FINANCIAL SERVICES, INC. LEASE/RENT COPIER MONTHLY CHARGES 20054113 5/13/2019 5/24/2019 57.00 920 PITNEY BOWES PURCHASE PWR POSTAL SERVICES POSTAGE 0151-5654 051919 5/19/2019 5/24/2019 1.31 921 VERIZON TELECOMMUNICATIONS WIRELESS MONTHLY CHARGES 9830470055 5/19/2019 5/31/2019 41.60 922 VIRGINIA ECONOMIC DEVELOPERS CONVENTION AND 2018 VEDA ANNUAL MEETING/WINTER 200004255 11/13/2018 5/31/2019 135.00 923 Total: \$436.01 924 925 VA COOPERATIVE EXTENSION	916	ECONOMIC DEVELOPMENT						
919 CANON FINANCIAL SERVICES, INC. LEASE/RENT COPIER MONTHLY CHARGES 20054113 5/13/2019 5/24/2019 57.00			CONVENTION AND	REIMBURSEMENT - VEDA CONFERENCE	052919	5/29/2019	5/31/2019	125.00
920 PITNEY BOWES PURCHASE PWR POSTAL SERVICES POSTAGE 0151-5654 051919 5/19/2019 5/24/2019 1.31 921 VERIZON TELECOMMUNICATIONS WIRELESS MONTHLY CHARGES 9830470055 5/19/2019 5/31/2019 41.60 922 VIRGINIA ECONOMIC DEVELOPERS CONVENTION AND 2018 VEDA ANNUAL MEETING/WINTER 200004255 11/13/2018 5/31/2019 135.00 923 Total: \$436.01 924					042519	4/25/2019	5/3/2019	76.10
921 VERIZON TELECOMMUNICATIONS WIRELESS MONTHLY CHARGES 9830470055 5/19/2019 5/31/2019 41.60			= :					
922 VIRGINIA ECONOMIC DEVELOPERS CONVENTION AND 2018 VEDA ANNUAL MEETING/WINTER 200004255 11/13/2018 5/31/2019 135.00 923 Total: \$436.01 924 925 VA COOPERATIVE EXTENSION 926 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 8.87 927 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 14.98 928 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 121.99	920	PITNEY BOWES PURCHASE PWR				5/19/2019		1.31
923 924 925 VA COOPERATIVE EXTENSION 925 VA COOPERATIVE EXTENSION 926 BANK OF AMERICA CONTRACT SERVICES P-CARD 927 BANK OF AMERICA CONTRACT SERVICES P-CARD 928 BANK OF AMERICA CONTRACT SERVICES P-CARD 928 BANK OF AMERICA CONTRACT SERVICES P-CARD 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 93019 4/30/2019 5/20/2019 121.99	· - ·		TELECOMMUNICATIONS	WIRELESS MONTHLY CHARGES	9830470055	5/19/2019	5/31/2019	41.60
924 925 VA COOPERATIVE EXTENSION 926 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 8.87 927 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 14.98 928 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 121.99		VIRGINIA ECONOMIC DEVELOPERS	CONVENTION AND	2018 VEDA ANNUAL MEETING/WINTER	200004255	11/13/2018	5/31/2019	135.00
925 VA COOPERATIVE EXTENSION 926 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 8.87 927 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 14.98 928 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 121.99							Total:	\$436.01
926 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 8.87 927 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 14.98 928 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 121.99	924							
927 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 14.98 928 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 121.99	925	VA COOPERATIVE EXTENSION						
928 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 115.99 929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 121.99	926	BANK OF AMERICA	CONTRACT SERVICES		043019	4/30/2019	5/20/2019	8.87
929 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 121.99	927	BANK OF AMERICA	CONTRACT SERVICES	P-CARD	043019	4/30/2019	5/20/2019	
	928	BANK OF AMERICA	CONTRACT SERVICES	P-CARD	043019	4/30/2019	5/20/2019	115.99
930 BANK OF AMERICA CONTRACT SERVICES P-CARD 043019 4/30/2019 5/20/2019 172.76			CONTRACT SERVICES	P-CARD	043019	4/30/2019	5/20/2019	
	930	BANK OF AMERICA	CONTRACT SERVICES	P-CARD	043019	4/30/2019	5/20/2019	172.76

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ANALO P. AMERICA CONTRACT SERVICES P.CARD 0.43019 4/30/2019 5/20/2019 178.22		-						BOS 2019-0	6-19 p.306/354
1 Accounts Payable List		7.7			_	F	G	Н	l J
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AJANK OF AMERICA CONTRACT SERVICES P.CARD 043019 4/30/2019 6/20/2019 6/20/2019 4.94.4 332 ANK OF AMERICA CONVENTION AND P.CARD 043019 4/30/2019 5/20/2019 4.94.4 343 ENRIQUE HERNANDEZ OFFICE SUPPLIES REIMBURSEMENT FOR PROGRAM SUPPLIES 6/00/10 5/00/2019 5/20/2019 2.23.3 350 RONSING BROOK FARM CONTRACT SERVICES PLANTS FOR SENIOR GARDEN 0.00004 4/28/2019 5/20/2019 5/20/2019 2.23.3 351 AN FORMATION TECHNOLOGIES TELECOMMUNICATIONS LONG DISTANCE MONTHLY CHARGES T.423390 5/30/2019 5/20/2019 7.04.1 373 AN FORMATION TECHNOLOGIES TELECOMMUNICATIONS LONG DISTANCE MONTHLY CHARGES T.423390 5/30/2019 5/20/2019 7.04.1 374 FUBLIC SAFETY CAPITAL IMPROVEMENT TOTAL T.423390 5/30/2019 5/30/2019 7.04.1 375 ANK OF AMERICA VEHICLE SHERIFF VEHICLES - 2019 DODGE H.22555 4/39/2019 5/20/2019 2.4.650.8 376 APITAL AUTO GROUP VEHICLE SHERIFF VEHICLES - 2019 DODGE H.22555 4/28/2019 5/10/2019 2.4.650.8 376 APITAL AUTO GROUP VEHICLE SHERIFF VEHICLES - 2019 DODGE H.22555 4/28/2019 5/10/2019 2.4.650.8 376 APITAL AUTO GROUP VEHICLE SHERIFF VEHICLES - 2019 DODGE H.22555 4/28/2019 5/10/2019 2.4.650.8 377 MCLOUGHLIN A EARDLEY GROUP INC VEHICLE SHERIFF VEHICLES - 2019 DODGE H.22555 4/28/2019 5/10/2019 2.4.650.8 377 MCLOUGHLIN A EARDLEY GROUP INC VEHICLE SITRIPING PACKAGE FOR 3 INTERCEPTORS 1890 5/10/2019 5/24/2019 1.385.0 378 APITAL MUTO GROUP VEHICLE SITRIPING PACKAGE FOR 3 INTERCEPTORS 1890 5/10/2019 5/24/2019 1.385.0 379 MCLOUGHLIN A EARDLEY GROUP INC VEHICLE SITRIPING PACKAGE FOR 3 INTERCEPTORS 1890 5/10/2019 5/24/2019 1.385.0 370 APITAL MUTO GROUP VEHICLE SITRIPING PACKAGE FOR 3 INTERCEPTORS 1890 5/10/2019 5/24/2019 1.385.0 370 APITAL MUTO GROUP FOR A PROVINCE FOR WINDOWN FIRE TRAINING BUILDING 1.0990333 3/10/2019 5/24/2019 1.385.0 370 APITAL MUTO	5	Vendor Name	Charge To	Des	scription	Invoice Number	Invoice Date	Check Date	Check Amount
333 ANAK OF AMERICA	931	BANK OF AMERICA	CONTRACT SERVICES	P-C	CARD	043019	4/30/2019	5/20/2019	178.22
SAME	932	BANK OF AMERICA	CONTRACT SERVICES	P-C	CARD	043019	4/30/2019	5/20/2019	685.71
37.5 GROSSING BROOK FARM CONTRACT SERVICES PLANTS FOR SENIOR GARDEN 0.00004 4.26/2019 5.93/2019 19.41	933	BANK OF AMERICA	CONVENTION AND	P-C	CARD	043019	4/30/2019	5/20/2019	49.49
337	934	ENRIQUE HERNANDEZ	OFFICE SUPPLIES	REI	IMBURSEMENT FOR PROGRAM SUPPLIES	050619	5/6/2019	5/10/2019	25.33
338	935	CROSSING BROOK FARM	CONTRACT SERVICES	PLA	ANTS FOR SENIOR GARDEN	000004	4/26/2019	5/3/2019	27.00
100 GENERAL FUND Fund 7-101 \$632,683.11	936	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LON	NG DISTANCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	19.47
100 GENERAL FUND Fund Total: \$632,683.1* 100 GENERAL FUND	937							Total:	\$1,419.81
SAME PUBLIC SAFETY CAPITAL IMPROVEMENT PUBLIC SAFETY CAPITAL PROJECT	938								
941 PUBLIC SAFETY CAPITAL PROJ						100 0	ENERAL FUND	Fund Total:	\$632,683.11
SANK OF AMERICA VEHICLE	940	Fund # - 302 CAPITAL IMPROVEMENT						•	
943 CAPITAL AUTO GROUP VEHICLE SHERIFF VEHICLES - 2019 DODGE H622556 4/29/2019 5/10/2019 24,650.86 944 CAPITAL AUTO GROUP VEHICLE SHERIFF VEHICLES - 2019 DODGE H622557 4/29/2019 5/10/2019 24,650.86 945 CAPITAL AUTO GROUP VEHICLE SHERIFF VEHICLES - 2019 DODGE H622558 4/29/2019 5/10/2019 24,650.86 946 MCLOUGHLIN & EARDLEY GROUP INC VEHICLE GUN RACK/SIRENSPEAKERS 0239015-IN 4/30/2019 5/3/2019 671.97 947 MCLOUGHLIN & EARDLEY GROUP INC VEHICLE GUN RACK/SIRENSPEAKERS 0239015-IN 4/30/2019 5/3/2019 671.97 948 PERFORMANCE SIGNS VEHICLE STRIPING PACKAGE FOR 3 INTERCEPTORS 18980 5/13/2019 5/24/2019 1.365.01 949 FIRE & RESCUE CAP PROJ Total: \$76,795.21 950 STRIPING PACKAGE FOR 3 INTERCEPTORS 18980 5/13/2019 5/24/2019 1.365.01 951 FIRE & RESCUE CAP PROJ Total: \$76,795.21 952 DRAPER ADEN ASSOCIATES PROFESSIONAL SERVICES FORK UNION FIRE TRAINING BUILDING 2019040137 4/30/2019 5/3/12019 2,730.00 953 DRAPER ADEN ASSOCIATES PROFESSIONAL SERVICES FIRE TRAINING BUILDING TOTAL TOTAL \$5,970.01 954 STRIPING PACKAGE FOR 3 INTERCEPTORS 2019040137 4/30/2019 5/24/2019 3,240.00 955 STRIPING PACKAGE FOR 3 INTERCEPTORS 2019040137 4/30/2019 5/24/2019 3,240.00 956 STRIPING PACKAGE FOR 3 INTERCEPTORS 2019040137 4/30/2019 5/24/2019 3,240.00 957 STRIPING PACKAGE FOR 3 INTERCEPTORS 2019040137 4/30/2019 5/24/2019 3,240.00 958 STRIPING PACKAGE FOR 3 INTERCEPTORS 2019040137 4/30/2019 5/24/2019 3,240.00 957 STRIPING PACKAGE FOR 3 INTERCEPTORS 2019040137 4/30/2019 5/24/2019 3,240.00 958 STRIPING PACKAGE FOR 3 INTERCEPTORS 2019040137 4/30/2019 5/24/2019 3,240.00 959 STRIPING PACKAGE FOR 3 INTERCEPTORS 2019040137 4/30/2019 5/24/2019 3,240.00 958 STRIPING PACKAGE FOR 3 INTERCEPTORS 2019040137 4/30/2019 5/24/2019 3,240.00 958 STRIPING PACKAGE FOR 3 INTERCE	941	PUBLIC SAFETY CAPITAL PROJ							
944 CAPITAL AUTO GROUP	942	BANK OF AMERICA	VEHICLE	P-C	CARD	043019	4/30/2019	5/20/2019	592.68
Q45 CAPITAL AUTO GROUP VEHICLE SHERIFF VEHICLES - 2019 DODGE H622558 4/29/2019 5/10/2019 24,650.80	943	CAPITAL AUTO GROUP	VEHICLE	SHE	ERIFF VEHICLES - 2019 DODGE	H622556	4/29/2019	5/10/2019	24,650.80
MCLOUGHLIN & EARDLEY GROUP INC VEHICLE GUN RACK/SIREN/SPEAKERS 0239015-IN 4/30/2019 5/3/2019 571/2019 213.2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-	944	CAPITAL AUTO GROUP	VEHICLE	SHE	ERIFF VEHICLES - 2019 DODGE	H622557	4/29/2019	5/10/2019	24,650.80
947 MCLOUGHLIN & EARDLEY GROUP INC VEHICLE BUTT PLATE/SIREN/SPEAKER 0239192-IN 5/6/2019 5/24/2019 1.365.01 948 PERFORMANCE SIGNS VEHICLE STRIPING PACKAGE FOR 3 INTERCEPTORS 18980 5/13/2019 5/24/2019 1.365.01 950 Total: \$76,795.21 951 FIRE & RESCUE CAP PROJ 952 DRAPER ADEN ASSOCIATES PROFESSIONAL SERVICES FORK UNION FIRE TRAINING BUILDING 2019040137 4/30/2019 5/24/2019 3.240.01 953 DRAPER ADEN ASSOCIATES PROFESSIONAL SERVICES FIRE TRAINING BUILDING 2019040137 4/30/2019 5/31/2019 3.240.01 954 DRAPER ADEN ASSOCIATES PROFESSIONAL SERVICES FIRE TRAINING BUILDING 2019040137 4/30/2019 5/31/2019 2.730.01 955 FACILITIES CAP PROJ 10 SERVICE FORK UNION FIRE TRAINING BUILDING 2019040137 4/30/2019 5/31/2019 2.730.01 956 FACILITIES CAP PROJ 10 SERVICE FORK UNION FIRE TRAINING BUILDING 2019040137 4/30/2019 5/10/2019 2.730.01 957 CII SERVICE CONTRACT SERVICES HISTORIC COURTHOUSE - HP #1 REPAIRS 4/4960 4/30/2019 5/10/2019 6.510.01 958 CRABTREE, ROHRBAUGH & PROFESSIONAL SERVICES FEASIBILITY STUDY 3 4/30/2019 5/10/2019 6.510.01 960 10 10 10 10 10 10 961	945	CAPITAL AUTO GROUP	VEHICLE	SHE	ERIFF VEHICLES - 2019 DODGE	H622558	4/29/2019	5/10/2019	24,650.80
PREFORMANCE SIGNS VEHICLE STRIPING PACKAGE FOR 3 INTERCEPTORS 1898 5/13/2019 5/24/2019 1,365.00	946	MCLOUGHLIN & EARDLEY GROUP INC	VEHICLE	GUI	IN RACK/SIREN/SPEAKERS	0239015-IN	4/30/2019	5/3/2019	671.97
STOR	947	MCLOUGHLIN & EARDLEY GROUP INC	VEHICLE	BU	TT PLATE/SIREN/SPEAKER	0239192-IN	5/6/2019	5/24/2019	213.24
950 951 FIRE & RESCUE CAP PROJ 972 973 974 975	948	PERFORMANCE SIGNS	VEHICLE	STF	RIPING PACKAGE FOR 3 INTERCEPTORS	18980	5/13/2019	5/24/2019	1,365.00
STATE STAT	949							Total:	\$76,795.29
952 DRAPER ADEN ASSOCIATES PROFESSIONAL SERVICES FORK UNION FIRE TRAINING BUILDING 2019040137 4/30/2019 5/24/2019 3,240.00 953 DRAPER ADEN ASSOCIATES PROFESSIONAL SERVICES FIRE TRAINING BUILDING - TOPOGRAPHIC 2019030335 3/31/2019 5/31/2019 2,730.00 954 Total: \$5,970.00 955 Total: \$5,970.00 956 FACILITIES CAP PROJ 957 CI SERVICE CONTRACT SERVICES SOCIAL SERVICES - WATER LOOP PIPING 44883 4/30/2019 5/10/2019 8,149.40 958 CII SERVICE CONTRACT SERVICES HISTORIC COURTHOUSE - HP #1 REPAIRS 44950 4/30/2019 5/10/2019 8,948.00 959 CRABTREE, ROHRBAUGH & PROFESSIONAL SERVICES FEASIBILITY STUDY 3 4/30/2019 5/10/2019 6,510.00 960 SCHOOL OPS & MAINT CAP PROJ WATER TANK REPAIR & CLEANING - FCHS 474696 4/18/2019 5/24/2019 2,450.00 964 UTILITY SERVICE CO., INC. CONTRACT SERVICES WATER TANK REPAIR & CLEANING - FCHS 474696 4/18/2019 5/24/2	950								
PROFESSIONAL SERVICES FIRE TRAINING BUILDING - TOPOGRAPHIC 2019030335 3/31/2019 5/31/2019 2,730.00	951	FIRE & RESCUE CAP PROJ		<u> </u>					
954 955 Image: Contract Services of	952	DRAPER ADEN ASSOCIATES	PROFESSIONAL SERVICES	S FOR	RK UNION FIRE TRAINING BUILDING	2019040137	4/30/2019	5/24/2019	3,240.00
955 FACILITIES CAP PROJ	953	DRAPER ADEN ASSOCIATES	PROFESSIONAL SERVICES	S FIR	RE TRAINING BUILDING - TOPOGRAPHIC	2019030335	3/31/2019	5/31/2019	2,730.00
956 FACILITIES CAP PROJ 957 CII SERVICE CONTRACT SERVICES SOCIAL SERVICES - WATER LOOP PIPING 44883 4/30/2019 5/10/2019 8,149.43 958 CII SERVICE CONTRACT SERVICES HISTORIC COURTHOUSE - HP #1 REPAIRS 44950 4/30/2019 5/24/2019 8,948.00 959 CRABTREE, ROHRBAUGH & PROFESSIONAL SERVICES FEASIBILITY STUDY 3 4/30/2019 5/10/2019 6,510.00 960 9	954							Total:	\$5,970.00
SERVICE CONTRACT SERVICES SOCIAL SERVICES - WATER LOOP PIPING 44883 4/30/2019 5/10/2019 8,149.43 958 CII SERVICE CONTRACT SERVICES HISTORIC COURTHOUSE - HP #1 REPAIRS 44950 4/30/2019 5/24/2019 8,948.00 959 CRABTREE, ROHRBAUGH & PROFESSIONAL SERVICES FEASIBILITY STUDY 3 4/30/2019 5/10/2019 6,510.00 960 Total: \$23,607.43 961 SCHOOL OPS & MAINT CAP PROJ	955								
SERVICE							•	<u>'</u>	
959 CRABTREE, ROHRBAUGH & PROFESSIONAL SERVICES FEASIBILITY STUDY 3 4/30/2019 5/10/2019 6,510.00 960 Total: \$23,607.40 961 SCHOOL OPS & MAINT CAP PROJ Total: \$2,450.00 963 UTILITY SERVICE CO., INC. CONTRACT SERVICES WATER TANK REPAIR & CLEANING - FCHS 474696 4/18/2019 5/24/2019 2,450.00 964 Total: \$2,450.00 965 Total: \$2,450.00 966 Total: \$2,450.00 967 Total: \$2,450.00 968 Total: \$2,450.00 969 Total: \$2,450.00 960 Total: \$2,450.00 961 Total: \$2,450.00 962 Total: \$2,450.00 963 Total: \$2,450.00 964 Total: \$2,450.00 965 Total: \$2,450.00 966 Total: \$2,450.00	957	CII SERVICE	CONTRACT SERVICES	SO	CIAL SERVICES - WATER LOOP PIPING	44883	4/30/2019	5/10/2019	8,149.43
960 961 Total: \$23,607.43 961 SCHOOL OPS & MAINT CAP PROJ 963 UTILITY SERVICE CO., INC. CONTRACT SERVICES WATER TANK REPAIR & CLEANING - FCHS 474696 4/18/2019 5/24/2019 2,450.00 964 965 Total: \$2,450.00 966 302 CAPITAL IMPROVEMENT Fund Total: \$108,822.73	958	CII SERVICE	CONTRACT SERVICES	HIS	STORIC COURTHOUSE - HP #1 REPAIRS	44950	4/30/2019	5/24/2019	8,948.00
961 962 SCHOOL OPS & MAINT CAP PROJ 963 UTILITY SERVICE CO., INC. CONTRACT SERVICES WATER TANK REPAIR & CLEANING - FCHS 474696 4/18/2019 5/24/2019 2,450.00 964 Total: \$2,450.00 965 Service Co., INC.	959	CRABTREE, ROHRBAUGH &	PROFESSIONAL SERVICES	S FEA	ASIBILITY STUDY	3	4/30/2019	5/10/2019	6,510.00
962 SCHOOL OPS & MAINT CAP PROJ 963 UTILITY SERVICE CO., INC. CONTRACT SERVICES WATER TANK REPAIR & CLEANING - FCHS 474696 4/18/2019 5/24/2019 2,450.00 964 965 Total: \$2,450.00 965 966 Service Co., INC. Service Co., INC. Service Co., INC. \$2,450.00 965 966 Service Co., INC. Service Co., INC. Service Co., INC. Service Co., INC. \$2,450.00 965 966 Service Co., INC.	960							Total:	\$23,607.43
963 UTILITY SERVICE CO., INC. CONTRACT SERVICES WATER TANK REPAIR & CLEANING - FCHS 474696 4/18/2019 5/24/2019 2,450.00 964 965 965 966 966 967 967 968 969 </td <td>961</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	961								
964 Total: \$2,450.00 965 302 CAPITAL IMPROVEMENT Fund Total: \$108,822.73	962	SCHOOL OPS & MAINT CAP PROJ	•			•	•	'	
965 302 CAPITAL IMPROVEMENT Fund Total: \$108,822.72	963	UTILITY SERVICE CO., INC.	CONTRACT SERVICES	WA	TER TANK REPAIR & CLEANING - FCHS	474696	4/18/2019	5/24/2019	2,450.00
966 302 CAPITAL IMPROVEMENT Fund Total: \$108,822.72	964							Total:	\$2,450.00
967 Fund # - 502 SEWER	966					302 CAPITAL	IMPROVEMENT	Fund Total:	\$108,822.72
	967	Fund # - 502 SEWER	•						

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							BU3 2019-C)6-19 p.307/354
	А	В	С	D	F	G	Н	I J
	County of Fluvanna		From Date:	5/1/2019				esiminale
1	Accounts Payable List	-	To Date:	5/31/2019				a tyler erp solution
2	Accounts I ayabic Elst		TO Date.	3/3 1/2013				
3								
5	Vendor Name	Charge To	Description		Invoice Number	Invoice Date	Check Date	Check Amount
968	PALMYRA SEWER OPER EXPENSES							
969	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	PALMYRA AI	REA WWTP	7129524547 042519	4/25/2019	5/3/2019	1,018.13
970	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	PALMYRA SI	EWAGE PUMP STATION	7712348080 043019	4/30/2019	5/10/2019	58.65
971							Total:	\$1,076.78
972								
973						502 SEWER	Fund Total:	\$1,076.78
974	Fund # - 505 FORK UNION SANITARY [DISTRICT						•
975	FORK UNION SANITARY DISTRICT							
976	USDA RURAL DEVELOPMENT	RDA BOND PAYABLE	FUSD DEBT	SERVICE	052519	5/25/2019	5/25/2019	1,428.99
977							Total:	\$1,428.99
978								
	FUSD OPERATIONAL EXPENSES							
980	CONSOLIDATED PIPE & SUPPLY	GENERAL MATERIALS AND	METERS		6290483-000-000	4/29/2019	5/10/2019	612.00
981	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	WEST BOTT	OM WELL	7224360003 043019	4/30/2019	5/10/2019	56.23
	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	MELTON WE		9594215007 042919	4/29/2019	5/10/2019	73.81
983	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	OWENS WEI	_L	9004200003 042619	4/26/2019	5/10/2019	238.06
984	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	OMUHUNDR	O WELL	9346182505 042919	4/29/2019	5/10/2019	653.15
985	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	MORRIS WE	LL	9501772108 042619	4/26/2019	5/10/2019	1,319.62
	LOWE'S	BLDGS EQUIP REP & MAIN	Γ BUILDING/M	AINTENANCE SUPPLIES	99000330383 042519		5/24/2019	428.86
	MO-JOHNS, INC.	PURCHASE OF SERVICES		TOLIET - WASTE WATER	117935	5/6/2019	5/24/2019	60.00
	REPUBLIC SERVICES #410	BLDGS EQUIP REP & MAIN			0410-000675247	4/30/2019	5/24/2019	2,348.63
	SCHNEIDER LABRATORIES INC	PURCHASE OF SERVICES		PENDED SOLIDS	312136		5/10/2019	30.00
	USDA RURAL DEVELOPMENT	REDEMPTION OF INTERES			052519	5/25/2019	5/25/2019	3,531.01
991	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	LONG DISTA	NCE MONTHLY CHARGES	T423390	5/3/2019	5/10/2019	87.91
992							Total:	\$9,439.28
993								
994					505 FORK UN	IION SANITARY	Fund Total:	\$10,868.27
	Fund # - 510 ZION XR WATER & SEWE	<u>:R</u>						
	ZION XR W&S EXPENSES						1	
	A.G. DILLARD, INC.	CONSTRUCTION	ZXR SITE W		50078861	4/25/2019	5/31/2019	236,042.23
	BOWMAN CONSULTING	PROFESSIONAL SERVICES		AN SHEET REVISION CO 14	271024	4/30/2019	5/24/2019	800.00
	BOWMAN CONSULTING	PROFESSIONAL SERVICES			267892	2/28/2019	5/31/2019	260.00
	DEWBERRY ENGINEERS INC.	PROFESSIONAL SERVICES		ACQUISITION ASSIST	1674106		5/3/2019	280.00
	DEWBERRY ENGINEERS INC.	PROFESSIONAL SERVICES		r - CONA/INSPECTION	1674109		5/3/2019	3,020.75
	DEWBERRY ENGINEERS INC.	PROFESSIONAL SERVICES	_	STER/SEWER LINES CONA	1674107	4/26/2019	5/3/2019	6,251.00
	DEWBERRY ENGINEERS INC.	PROFESSIONAL SERVICES		/PS & WBPS - CONA	1674110	4/26/2019	5/3/2019	14,944.50
1004	PAYNE & HODOUS, LLP.	COUNTY ATTY LEGAL- REA	L LEGAL FEES	5	136616	5/3/2019	5/10/2019	7,337.14

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							DOO 2010-0	0-19 p.306/334
	A	В	С	D	F	G	Η	l J
	County of Fluvanna		From Date:	5/1/2019				& munis
1	Accounts Payable List		To Date:	5/31/2019				a tyler erp solution
2	- 1000001110			0.0 = 0.10				
3								
5	Vendor Name	Charge To	Description		Invoice Number	Invoice Date	Check Date	Check Amount
1005	RICHMOND TIMES-DISPATCH	ADVERTISING	RFP #2019-0	1 SCADA SERVICES AD	10000924502-0407	5/5/2019	5/24/2019	109.60
1006							Total:	\$269,045.22
1007								
1008					510 ZION XR WA	TER & SEWER	Fund Total:	\$269,045.22
1009						Total Ex	penditures by	\$1,022,496.10

TAB P

MEETING DATE:	June 19, 20	19							
AGENDA TITLE:	FY19 Volun	tary Contrib	outions						
MOTION(s):	appropriati	move the Board of Supervisors approve the following supplemental opropriations for FY19 Voluntary Contributions: • \$200 – DSS: Special Welfare Fund							
STRATEGIC INITIATIVE?	Yes	No X		If yes, list initiativ	ve(s):				
ACENDA CATECODY	Public Heari	ng Action	Matter	Presentation	Conse	ent Agenda	Other		
AGENDA CATEGORY:						X			
STAFF CONTACT(S):	Mary Anna T	Mary Anna Twisdale, Director of Finance							
PRESENTER(S):	Mary Anna T	wisdale, Dir	ector of I	Finance					
RECOMMENDATION:	I recommend	d approval o	f the mo	cion as stated abo	ve.				
TIMING:	Routine								
DISCUSSION:		ns Program	Policy"	oved the "Fluvar on August 7 th , 2 st , 2013		•	-		
FISCAL IMPACT:		• •	•	on would author nt expenditures.	ize sta	aff to increa	ase donation		
POLICY IMPACT:	N/A	N/A							
LEGISLATIVE HISTORY:	N/A	N/A							
ENCLOSURES:	None								
REVIEWS COMPLETED:	Legal	Fina	ance	Purchasing		HR	Other		
VENIENAS COMILIERES.			K						

TAB Q

MEETING DATE:	June 19, 20	019								
AGENDA TITLE:	FY19 Depar	19 Department of Social Services Share of the Cost Allocation Funds								
MOTION(s):	the FY19 G	nove the Board of Supervisors approve a supplemental appropriation to e FY19 General Fund in the amount of \$8,494.15 to reflect the additional anding to the Social Services Special Welfare Fund.								
STRATEGIC INITIATIVE?	Yes	No X	_	If yes, list initiativ	ve(s):					
	Public Heari		Matter	Presentation	Cons	ent Agenda	Other			
AGENDA CATEGORY:						х				
STAFF CONTACT(S):		ary Anna Twisdale, Finance Director m Mabe, Social Services Director								
PRESENTER(S):	Mary Anna	Γwisdale/ Fin	ance Dir	ector						
RECOMMENDATION:	Approval	pproval								
TIMING:	Routine									
DISCUSSION:	of accoude pepartners. The CAP allowab Social Selection in March percents into the Departners. The table to the Departners. 200 20 20 20 20 20 20 20 20 20 20 20 2	percentage of 33 1/3% with the Department of Social Services to be deposited into the Special Welfare fund. The table below represents the CAP funds received and the 33 1/3% share given to the Department of Social Services: FY CAP Funds Received 33 1/3% Share to DSS 2009 \$69,074 \$23,029 2010 \$73,679 \$24,564 2011 \$58,147 \$19,384 2012 \$72,443 \$24,145 2013 \$56,362 \$18,787 2014 \$55,764 \$18,588 2015 \$78,596 \$26,198 2016 \$90,297 \$30,099 2017 \$86,096 \$25,699								

		•	ry estimated a pay over the additiona		\$25,000. This				
FISCAL IMPACT:	A budget supplement as requested by the Department of Social Services would increase the FY19 General Fund revenues and expenditures by \$8,494.15.								
POLICY IMPACT:	N/A								
LEGISLATIVE HISTORY:	The Board of Su Funds" on Marc	•	a "Resolution – D	istribution of Cos	t Allocation				
ENCLOSURES:	 Resolution – Distribution of Cost Allocation Funds Reimbursement Notice from Kim Mabe, Social Services Director 								
	Legal	Finance	Purchasing	HR	Other				
REVIEWS COMPLETED:		X							



Department of Social Services

Carysbrook Complex P. 0. Box 98 Fork Union, VA 23055 (434) 842-8221 Fax (434) 842-2776

TO:

Steven Nichols, County Administrator

Eric Dahl, Deputy County Administrator/Finance Director

MaryAnna Twisdale, Finance Director

FROM:

Kim Mabe, Director

SUBJECT:

Cost Allocation Reimbursement

DATE:

May 17, 2019

On April's reimbursement from the State, you will notice that Fluvanna received \$100,482.45 in cost allocation funding from the feds. Per our agreement in 1997 with the Board of Supervisors, the Fluvanna County Social Services Board is to receive 1/3 of the total reimbursement or \$33,494.15.

Please give me a call if you have any questions. Thank you for your assistance in this and all matters relating to the Social Services Department.

Resolution Distribution of Cost Allocation Funds

Whereas, the Social Services Board has requested the Board of Supervisors consider the distribution of a percent of the cost allocation funds for use by the Social Services Board in the Special Welfare fund; and

Whereas, the funds are to be used for special issues which the Social Services Board has the need for certain discretionary funds; and

Whereas, the cost allocation funds are federal and state reimbursement for costs of government to support the Social Services Board and are periodically received by the County General Fund.

Now, therefore be it resolved by the Board of Supervisors of Fluvanna County that 33 1/3% of the funds received for cost allocation reimbursement be distributed to the Department of Social Services for deposit with the Treasurer into the Special Welfare fund.

Further be it resolved that effective July 1, 1997 the Social Services Board shall budget within its administration funds the cost of monthly payment for Social Services Board members.

adopted this 5th day of March 1997

Clerk Board of Supervisors

Director of Social Services c: Treasurer

Director of Finance

TAB R

MEETING DATE:	June 19, 20	19, 2019								
AGENDA TITLE:	FY19 Faciliti	es Departn	nent Insi	urance Claim – F	ork U	nion Light	Pole			
MOTION(s):	\$7,929.25 to	ove the Board of Supervisors approve a supplemental appropriation of 929.25 to the FY19 Facilities Building Equipment and Maintenance dget to reflect reimbursement from an insurance claim.								
STRATEGIC INITIATIVE?	Yes	No		If yes, list initiativ	ve(s):					
	Dublic Hearin	X	Matter	Presentation		ant Aganda	Other			
AGENDA CATEGORY:	Public Hearin	ig Action	Matter	Presentation	Conse	ent Agenda x	Other			
STAFF CONTACT(S):	Mary Anna	ary Anna Twisdale, Director of Finance								
PRESENTER(S):	Mary Anna	Mary Anna Twisdale, Director of Finance								
RECOMMENDATION:	Recommen	d approval	of the fo	ollowing action.						
TIMING:	Routine.									
DISCUSSION:	amount fo	r the dama	ge is \$7,9 propriatio	on would authoriz						
FISCAL IMPACT:	This action w	ill increase	the FY19	Facilities budget l	by \$7,9)29.25.				
POLICY IMPACT:	N/A	N/A								
LEGISLATIVE HISTORY:	N/A									
ENCLOSURES:	None.									
REVIEWS COMPLETED:	Legal		ance X	Purchasing		HR	Other			

TAB S

MEETING DATE:	June 19, 2019								
AGENDA TITLE:	FY19 Facilities Department Insurance Claim – 2013 Dodge Journey VIN 8576								
MOTION(s):	I move the Board of Supervisors approve a supplemental appropriation of \$550.80 to the FY19 Facilities Vehicle Repair & Maintenance Budget to reflect reimbursement from a VACORP insurance claim.								
STRATEGIC INITIATIVE?	Yes	No X		If yes, list initiative(s):					
	Public Heari	ng Actio	n Matter	Presentation	Consen	nt Agenda	Other		
AGENDA CATEGORY:						x			
STAFF CONTACT(S):	Mary Anna Twisdale, Director of Finance								
PRESENTER(S):	Mary Anna Twisdale, Director of Finance								
RECOMMENDATION:	Recommend approval of the following action.								
TIMING:	Routine.								
DISCUSSION:	A 2013 Dodge Journey (VIN 8576) was in an accident with a deer and declared to have body damage by VACORP. The recovered amount for the vehicle after the \$500 deductible is \$550.80. This supplemental appropriation would authorize staff to appropriate the additional revenue and expense.								
FISCAL IMPACT:	This action will increase the FY19 Facilities Budget by \$550.80.								
POLICY IMPACT:	N/A								
LEGISLATIVE HISTORY:	N/A								
ENCLOSURES:	None.								
DEVIEW COMPLETE	Legal	Fi	nance	Purchasing		HR	Other		
REVIEWS COMPLETED:			X						

TAB T

MEETING DATE:	June 19, 2019								
AGENDA TITLE:	FY19 Facilities Department Insurance Claim – 2016 Transit Cargo VIN 1585								
MOTION(s):	I move the Board of Supervisors approve a supplemental appropriation of \$1,807.68 to the FY19 Facilities Vehicle Repair & Maintenance Budget to reflect reimbursement from a VACORP insurance claim.								
STRATEGIC INITIATIVE?	Yes	No X		If yes, list initiative(s):					
	Public Heari	ng Action	Matter	Presentation	Consent Agenda	Other			
AGENDA CATEGORY:					x				
STAFF CONTACT(S):	Mary Anna Twisdale, Director of Finance								
PRESENTER(S):	Mary Anna Twisdale, Director of Finance								
RECOMMENDATION:	Recommend approval of the following action.								
TIMING:	Routine.								
DISCUSSION:	A 2016 Transit Cargo, VIN 1585, was hit with an excavator and declared to have body damage by VACORP. The recovered amount for the vehicle after the \$500 deductible is \$1,807.68. This supplemental appropriation would authorize staff to appropriate the additional revenue and expense.								
FISCAL IMPACT:	This action will increase the FY19 Facilities Budget by \$1,807.68.								
POLICY IMPACT:	N/A								
LEGISLATIVE HISTORY:	N/A								
ENCLOSURES:	None.								
DEL/15/14/6 00140: 5757	Legal	Fin	ance	Purchasing	HR	Other			
REVIEWS COMPLETED:	x								

TAB U

MEETING DATE:	June 19, 2019								
AGENDA TITLE:	FY19 Facilities Department Insurance Claim – 2016 Ram Promaster VIN 7911								
MOTION(s):	I move the Board of Supervisors approve a supplemental appropriation of \$3,531.22 to the FY19 Facilities Vehicle Repair & Maintenance Budget to reflect reimbursement from a VACORP insurance claim.								
STRATEGIC INITIATIVE?	Yes	No X	If yes, list initiative(s):						
	Public Heari	ng Action	Matter	Presentation	Consent Agenda	Other			
AGENDA CATEGORY:					х				
STAFF CONTACT(S):	Mary Anna Twisdale, Director of Finance								
PRESENTER(S):	Mary Anna Twisdale, Director of Finance								
RECOMMENDATION:	Recommend approval of the following action.								
TIMING:	Routine.								
DISCUSSION:	A 2016 Ram Promaster (VIN 7911) was in an accident with a deer and declared to have body damage by VACORP. The recovered amount for the vehicle after the \$500 deductible is \$3,531.22. This supplemental appropriation would authorize staff to appropriate the additional revenue and expense.								
FISCAL IMPACT:	This action will increase the FY19 Facilities Budget by \$3,531.22.								
POLICY IMPACT:	N/A								
LEGISLATIVE HISTORY:	N/A								
ENCLOSURES:	None.								
DELVIEW CONTRIBUTE	Legal	Fin	ance	Purchasing	HR	Other			
REVIEWS COMPLETED:			X						

TAB V

MEETING DATE:	June 19, 2019								
AGENDA TITLE:	FY19 Palmyra Fire Department Insurance Claim – Garage Door								
MOTION(s):	I move the Board of Supervisors approve a supplemental appropriation of \$5,114.00 to the FY19 Facilities Building Equipment and Maintenance budget to reflect reimbursement from a VACORP insurance claim.								
STRATEGIC INITIATIVE?	Yes		lo	If yes, list initiative(s):					
	Public Heari		X Action N	Matter	ter Presentation		ent Agenda	Other	
AGENDA CATEGORY:							х		
STAFF CONTACT(S):	Mary Anna Twisdale, Director of Finance								
PRESENTER(S):	Mary Anna Twisdale, Director of Finance								
RECOMMENDATION:	Recommend approval of the following action.								
TIMING:	Routine.								
DISCUSSION:	A fire truck, collided with the garage door at Palmyra Fire Station causing damage to the door. The recovered amount for the damage after the \$1,000 deductible is \$5,114.00. This supplemental appropriation would authorize staff to appropriate the additional revenue and expense.								
FISCAL IMPACT:	This action will increase the FY19 Facilities budget by \$5,114.								
POLICY IMPACT:	N/A								
LEGISLATIVE HISTORY:	N/A								
ENCLOSURES:	None.								
REVIEWS COMPLETED:	Legal Finance Purchasing HR Other X								

TAB W

MEETING DATE:	June 19, 20	June 19, 2019						
AGENDA TITLE:	FY19 Sherif	FY19 Sheriff's Department Insurance Claim – 2018 Dodge Charger VIN 0412						
MOTION(s):	\$4,544.19 t	move the Board of Supervisors approve a supplemental appropriation of 64,544.19 to the FY19 Sheriff's Vehicle Repair & Maintenance Budget to reflect reimbursement from a VACORP insurance claim.						
STRATEGIC INITIATIVE?	Yes	No X	-	If yes, list initiativ	ve(s):			
4.051/10.4.0475.0.001/	Public Heari	ng Action	Matter	Presentation	Consent Agenda	Other		
AGENDA CATEGORY:					х			
STAFF CONTACT(S):	Mary Anna	Twisdale, D	irector	of Finance				
PRESENTER(S):	Mary Anna	Twisdale, D	irector	of Finance				
RECOMMENDATION:	Recommer	Recommend approval of the following action.						
TIMING:	Routine.	Routine.						
DISCUSSION:	declared t vehicle af \$4,544.19 This suppl	to have body ter the \$500	damage deductil	on would authoriz	recovered amou	int for the		
FISCAL IMPACT:		This action will increase the FY19 Sheriff's Department Vehicle Repair and Maintenance Budget by \$4,544.19.						
POLICY IMPACT:	N/A							
LEGISLATIVE HISTORY:	N/A	N/A						
ENCLOSURES:	None.	None.						
REVIEWS COMPLETED:	Legal		ance X	Purchasing	HR	Other		

TAB X

MEETING DATE:	June 19, 20	June 19, 2019						
AGENDA TITLE:	FY19 Sheriff	FY19 Sheriff's Office Budget Transfer for Unclaimed Body Charges						
MOTION(s):	from FY19 I	move the Board of Supervisors approve a budget transfer of \$3,002.65 from FY19 BOS Contingency to the FY19 Sheriff's Office Professional Services budget for Unclaimed Body service charges incurred.						
STRATEGIC INITIATIVE?	Yes	No X		If yes, list initiativ	/e(s):			
AGENDA CATEGORY:	Public Heari	ng Action	Matter	Presentation	Cons	ent Agenda X	Other	
STAFF CONTACT(S):	Mary Anna T	wisdale, Dir	ector of F	inance				
PRESENTER(S):	Mary Anna T	wisdale, Dir	ector of F	inance				
RECOMMENDATION:	Approval							
TIMING:	Normal							
DISCUSSION:	The charges	for services	from the	rrange proper ha funeral home are included in the F	\$1,50	00 and \$1,50	2.65. This is an	
FISCAL IMPACT:				's Office Profession prior to transfer			et by \$3,002.65.	
POLICY IMPACT:	N/A		,					
LEGISLATIVE HISTORY:	N/A	N/A						
ENCLOSURES:	N/A	N/A						
REVIEWS COMPLETED:	Legal		ance X	Purchasing		HR	Other	

TAB Y

MEETING DATE:	June 19, 20	June 19, 2019						
AGENDA TITLE:	FY19 Reass	FY19 Reassessment Budget Transfer						
MOTION(s):		move the Board of Supervisors approve a budget transfer of \$59,000 from he FY19 Medical Insurance Contingency budget to the FY19 Reassessment budget.						
STRATEGIC INITIATIVE?	Yes	No X		If yes, list initiativ	/e(s):			
AGENDA CATEGORY:	Public Heari	ng Actio	n Matter	Presentation	Conse	ent Agenda X	Other	
STAFF CONTACT(S):	Mary Anna 1	wisdale, D	rector of I	Finance				
PRESENTER(S):	Mary Anna 1	wisdale, Di	rector of I	inance				
RECOMMENDATION:	Approval							
TIMING:	Normal							
DISCUSSION:	invoices not were paid fr Board of Equ	being rece om FY19 ca ualization C	ived from using Rea ompensat	t had a balance at the vendor until a ssessment to curr ion and Part-Time he FY19 Reassessr	ofter FY ently be salarie	18 closed. The over budges for the re	hese invoices get \$56,322. mainder of	
FISCAL IMPACT:	The FY19 Me	This action will increase the FY19 Reassessment budget by \$59,000. The FY19 Medical Insurance Contingency budget balance prior to transfer is \$198,391.						
POLICY IMPACT:	N/A							
LEGISLATIVE HISTORY:	N/A	N/A						
ENCLOSURES:	N/A	N/A						
REVIEWS COMPLETED:	Legal	Fir	nance X	Purchasing		HR	Other	

TAB Z

MEETING DATE:	June 19, 201	June 19, 2019							
AGENDA TITLE:	Convenience	Convenience Center Worker Position Description							
MOTIONS:	_	I move to approve the description as presented for job class #3461- Convenience Center Worker.							
STRATEGIC INITIATIVE?	Yes	No X		If yes, list initiativ	/e(s):				
AGENDA CATEGORY:	Public Hearir	g Action	Matter	Presentation	Consent Agenda	Other			
					XX				
STAFF CONTACT(S):	Jessica Rice,	Human Res	ources M	lanager					
PRESENTER(S):	Jessica Rice,	Human Res	ources M	anager					
RECOMMENDATION:	Approval	Approval							
TIMING:	Current	Current							
DISCUSSION:	in use. 2. This is a page.	art-time ter y currently	mporary v has 2 em	er is an approved position (approxinate) nployees in this pond.	mately 18 hours p	er week).			
FISCAL IMPACT:		-	-	ition was previou ending pay band c		he Board of			
POLICY IMPACT:	N/A	N/A							
LEGISLATIVE HISTORY:	N/A	N/A							
ENCLOSURES:	New Pos	New Position Description: #3461 – Convenience Center Worker							
REVIEWS COMPLETED:	Legal	Fin	ance	Purchasing	HR	Other			
ILVILVOS COIVIPLETED.					XX	COAD			



Fluvanna County, Virginia Department of Public Works Job Description

CONVENIENCE CENTER WORKER						
Job Class #:	3461					
Pay Grade:	5					
Category:	Part-time					
FLSA Status:	Temporary, Non-exempt					
Reports To:	Assistant Director of Public Works					

SUMMARY

Under regular supervision, this position performs general work associated with the operation of a solid waste convenience center. Duties include assisting the public with refuse disposal, directing the separation of disposable/non-disposable materials, cleaning and maintaining center facilities and compactor areas, and assisting with public education in County recycling efforts.

ESSENTIAL FUNCTIONS

- Opens and closes Convenience Center following established procedures
- Ensures that Convenience Center operations comply with applicable laws and regulations
- Ensures that all safety procedures are followed, utilizes safety equipment, and monitors the Center for hazards
- Assists the general public with disposal of refuse; provides information and guidance concerning proper separation of refuse and disposal procedures; assists customers as needed in lifting/unloading waste materials
- Directs traffic within Convenience Center as needed
- Assesses and explains options for disposal of hazardous materials
- Provides status reports for Public Works Department leaders pertaining to Center operations; reports damages, unauthorized dumping, accidents, damages, or other issues to supervisor
- Operates a compactor for household garbage and other refuse; monitors operations and condition of the compactor to measure level of contents, prevent overflow, and identify mechanical problems
- Cleans/maintains areas around trash bins and compactor; cleans/maintains convenience center building and related facilities
- Performs various physical tasks associated with Center operations and maintenance, which may include
 picking up debris/litter, sweeping/raking ground surfaces, cutting grass, applying salt to walking or road
 surfaces, lifting bins, loading/unloading bulky waste, or lifting/moving heavy objects
- Completes forms, reports, correspondence, or other documents as necessary
- Performs related tasks as required

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES

- General knowledge of laws and regulations governing Convenience Center operations
- General knowledge of recycling center and solid waste disposal processes
- Ability to maneuver and/or control the actions of equipment, machinery, tools, and/or materials used in performing essential functions
- Ability to communicate effectively and work collaboratively with County staff and the public

ACCEPTABLE EDUCATION, EXPERIENCE, AND TRAINING

- High school diploma or equivalent;
- Prior experience/training involving solid waste disposal or recycling center operations desired.

Any equivalent combination of education, training, or experience may be considered in filling this position.

WORKING CONDITIONS AND PHYSICAL REQUIREMENTS

This position requires exertion of 50 pounds of force occasionally, and 20 pounds of force frequently to move objects; work requires frequent climbing, reaching, standing, walking, pulling, lifting, fingering grasping, and repetitive motions; vocal communication is required for expressing or exchanging ideas by means of spoken word; hearing is required to perceive information at normal spoken decibel levels; visual acuity is required for depth perception, color perception, visual inspection, operation of machines, and observing general surroundings.

The worker is exposed to adverse environmental conditions such as dirt, dust, pollen, odors, dampness, humidity, rain, fumes, temperature extremes, machinery, bright/dim light, toxic agents, and pathogenic substances.

POST OFFER REQUIREMENTS

Background screening

Department Head	HR Manager	County Administrator	Board of Supervisors
Recommended:	Approval as to Form:	Recommended:	Approved:
	6/11/2019	6/11/2019	

TAB A

MEETING DATE:	June 19, 2019							
AGENDA TITLE:	Park Maintenance Worker							
MOTIONS:	_	I move to approve the description as presented for job class #4065- Park Maintenance Worker.						
STRATEGIC INITIATIVE?	Yes	No X		f yes, list initiativ	ve(s):			
AGENDA CATEGORY:	Public Hearin	g Action	Matter	Presentation	Consent Age	nda	Other	
AGENDA CATEGORI.					XX			
STAFF CONTACT(S):	Jessica Rice, F	luman Reso	ources M	anager				
PRESENTER(S):	Jessica Rice, F	luman Reso	ources M	anager				
RECOMMENDATION:	Approval	Approval						
TIMING:	Current	Current						
DISCUSSION:	during the FY 2. This is a payear (March 1	20 budget a rt-time sea st – Octobe	adoption Isonal po er 31 st)	r is a new County process. sition working 20 advertised with a	hours per we	eek for	35 weeks per	
FISCAL IMPACT:		There is no fiscal impact. The position was previously approved by the Board of Supervisors during budget adoption.						
POLICY IMPACT:	N/A	N/A						
LEGISLATIVE HISTORY:	N/A	N/A						
ENCLOSURES:	New Posi	New Position Description: #4064 – Park Maintenance Worker						
REVIEWS COMPLETED:	Legal	Fina	ance	Purchasing	HR		Other	
MEVIEWS CONTRICTED.					XX		P & R, COAD	



Fluvanna County, Virginia Department of Parks and Recreation Job Description

PARK MAINTENANCE WORKER						
Job Class #:	4065					
Pay Grade:	7					
Category:	Seasonal Part-Time (without benefits)					
FLSA Status:	Non-Exempt					
Reports To:	Director of Parks and Recreation or Recreation Amenities Manager					

SUMMARY

Under general supervision, the Park Maintenance Worker maintains the appearance and safety of County park landscaping, trails, disc golf course, and recreation features. Duties include grounds keeping and landscaping, and the construction and maintenance of public trails and disc golf course.

This is a seasonal position which runs from March 1st through October 31st.

ESSENTIAL FUNCTIONS

The following functions are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.

- Operates equipment including mowers, tractors, truck, and gator; uses hand and power tools as trained
- Constructs and maintains public trails; removes fallen and damaged trees and limbs, removes invasive plants and litter, repairs erosion damage to trails
- Maintains disc golf course; removes fallen branches, edges tee-box borders, repairs and mounts disc baskets, mows grass and removes invasive plants
- Makes minor repairs to picnic tables, shelters, and other park amenities
- May drag ball fields as time permits
- Mows and maintains landscaping of the historical land surrounding Pleasant Grove House and Museum
- Assists with set-up for special events and projects
- Performs related tasks as assigned

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES

Knowledge of:

- Grounds maintenance methods, materials, and equipment
- Trail maintenance standards
- Parks and Recreation programs and upcoming events
- Department safety guidelines

Skills in:

- Handling basic hand and power tools
- Using modern lawn equipment for mowing/weeding
- Safe chainsaw operation

Ability to:

- Communicate effectively and to understand and follow oral and written directions.
- Establish and maintain effective working relationships with associates
- Work independently and take initiative to repair public amenities
- Keep supervisor informed of plans, progress, and problems

EDUCATION, EXPERIENCE, AND TRAINING

- Must be 18 years of age
- High school graduation or equivalent
- Minimum of one year of experience with grounds keeping and landscaping
- Prior experience working in public parks is preferred

WORKING CONDITIONS AND PHYSICAL REQUIREMENTS

This is heavy work requiring exertion in excess of 100 pounds of force occasionally, in excess of 50 pounds of force frequently, and in excess of 20 pounds of force constantly to move objects; work requires climbing, stooping, kneeling, crouching, reaching, standing, walking, pushing, pulling, lifting, grasping, and repetitive motions; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; visual acuity is required for depth perception color perception, visual inspection involving small defects and/or small parts, use of measuring devices, assembly or fabrication of parts at or within arm's length, operation of machines, operation of motor vehicles or equipment, and determining the accuracy and thoroughness of work; the worker is subject to outside environmental conditions, extreme cold, extreme heat, noise, vibration, hazards, atmospheric conditions, and oils. The worker may be exposed to blood borne pathogens and may be required to wear specialized personal protective equipment.

POST OFFER REQUIREMENTS

Criminal background and driving record checks.

Department Head HR Manager Recommended: Approval as to Form:		County Administrator Recommended:	Board of Supervisors Approved:
6/11/2019	6/11/2019	6/11/2019	

TAB B

MEETING DATE:	June 19, 201	June 19, 2019						
AGENDA TITLE:	First Amend	First Amendment to Service Agreement with Pierce Group Benefits						
MOTION(s):	Agreement" of County er \$7.00 to \$7.2	move the Board of Supervisors approve the "First Amendment to Service greement" with Pierce Group Benefits for the Third Party Administration f County employee benefits, raising the per enrollee monthly fee from 7.00 to \$7.13, and further authorize the County Administrator to execute ne agreement subject to approval as to form by the County Attorney.						
TIED TO STRATEGIC	Yes	No				•	•	
INITIATIVES?		Х	i it	yes, list initiativ	e(s):			
	Public Hearing	g Action	Matter	Presentation	Cons	ent Agenda	Other	
AGENDA CATEGORY:						ХХ		
STAFF CONTACT(S):	Jessica Rice, H	luman Reso	ources M	anager				
PRESENTER(S):	Jessica Rice, F	luman Reso	ources M	anager				
RECOMMENDATION:	Approval	Approval						
TIMING:	Current							
DISCUSSION:	employee Contract s employee 2) The increa	employee per month Fee set out in Article IV "Fees for Services" Part "A" of the Contract shall be increased to a Fee of SEVEN AND 13/100 DOLLARS (\$7.13) per employee per month effective on July 1, 2019. The increase is allowable per the specifications in the original agreement.						
FISCAL IMPACT:		Cost to the County will increase by approximately \$225 annually (140 employees x \$.13 x 12 months). The increase was included in the FY20 budget adoption.						
POLICY IMPACT:	N/A	N/A						
LEGISLATIVE HISTORY:	N/A	N/A						
ENCLOSURES:	First Amendm	First Amendment to Service Agreement						
	Legal	Fina	ance	Purchasing		HR	Other	
REVIEWS COMPLETED:	XX					XX		



1st AMENDMENT to Service Agreement

This 1st AMENDME	NT made this	day of _	, 2019	between the
COUNTY OF FLUVANNA	A, a political	subdivision of	the Commonwealth	of Virginia
("County"), and THE PIERO	CE GROUP B	ENEFITS, LLC	, a North Carolina lir	nited liability
company authorized to transact	ct business in	Virginia (" Contr	ractor") modifies and	amends that
BENEFITS CONSULTING	G AND 3F	D PARTY A	DMINISTRATIVE	SERVICE
CONTRACT (collectively wi	th all exhibits	and attachments	thereto, the "Contrac	ct") dated the
day of	, 2016.			

WHEREAS, the parties wish to modify and amend the requirements of the Contract as laid out herein and further wish to formalize their agreement by this Amendment to the Contract hereby; and

THEREFORE, **WITNESSETH** that for good and valuable consideration, the Contractor and the County, in consideration of the mutual covenants, promises and Contracts herein contained, agree as follows:

- 1. **The Contract:** All capitalized terms used herein shall have the same meaning as defined terms of the Contract except as modified hereby or if the context requires otherwise.
- **2. Modification:** The \$7.00 per employee per month Fee set out in Article IV "Fees for Services" Part "A" of the Contract shall be increased to a Fee of SEVEN AND 13/100 DOLLARS (\$7.13) per employee per month effective on July 1, 2019. Except as specifically modified hereby, the remainder of Article IV "Fees for Services" Part "A" remains unchanged.
- 3. Miscellaneous: The headings of the sections of this Amendment are inserted for convenience only and do not alter or amend the provisions hereof. A word importing the masculine or neuter gender only may extend and be applied to females and to corporations as well as males, and vice versa. A word importing the singular number only may extend and be applied to several persons or things as well as to one person or thing; and a word importing the plural number only may extend and be applied to one person or thing, as well as to several persons or things. This Amendment may be executed in duplicate originals, any of which shall be equally authentic. If there are any conflicts between the provisions of this Amendment and the provisions of the Contract, the provisions of this Amendment will prevail. Whenever possible this Amendment and the Contract shall be read together. Except as specifically amended hereby, the Contract is hereby ratified and remains in full force and effect.

Witness the following duly authorized signatures and seals:

The Pierce Group Benefit a North Carolina limited lia Authorized to transact busin	bility company	Fluvanna County, a political subdivision of the Commonwealth of Virginia				
BY:	(SEAL)	BY:	(SEAL)			
Print Name:		Print Name:				
Title:	·	Title:				
Date:		Date:				
Approved as to Form:						
Fluvanna County Attorney.	by Kristina M. Hof	 mann. Assistant Fluvanna County At	tornev			



Capital Reserve Maintenance Fund Request

TAB C

MOTION: I move that the Board of Supervisors approve a Capital Reserve Maintenance Fund Request in the amount of \$29,700.00 for the purpose(s) of:

The replacement of the main sewer line of the Administration Building

		Section	1 - REQUEST	ī						
Requesting Departme	ent/Agency	Dept/Agency Co	ntact		Date of Red	Date of Request				
Public Works PW1	9-012	Dale Critzer			06/10/2019					
Phone		Fax			Fiscal Year					
(434) 981-1925		(434) 591-1924			FY19					
Reserve Fund Purpos	se Category: Unexpec	ted facility repai	rs or replacem	ents						
Description of Project	/Repair			Qty	Unit Pri	се	Total Price			
Several service ca	alls to unstop line ,se	wer line replace	ment ,asphalt	1	\$29,700.	.00	\$29,700.00			
	and concrete repl	acement					\$0.00			
							\$0.00			
						\$0.0				
					Total Reg	uest:	\$29,700.00			
Description and justif	ication for proposed u	se.								
ups were a common a garden hose to av gravel and old sewe	Building main sewern occurrence and our oid total back up into removed and din gravel. Then cond	maintenance en the building . T isposed of . The	nployees were he basement fl n the trench wa	having to flustoor and park as tamped, no	sh the sewe ing lot had t ew sewer lin	r line to be d ne inst	twice a week with cut up and dirt , called and checked			
Department/Agency H	lead Name	Sign	nature	0		Date				
Dale Critzer / Assist	ant Director		Dah & Cigh	by Dale Critzer 0 16:42:32 -04'00'	06/10/2019					
		Section	n 2 - REVIEW							
Recommended?	County Finance Direct		ary Anna Twisdale		Date					
X Yes No	Marylonna		119.06.11 15:13:10	-04'00'	06/11/2	06/11/2019				
Recommended?	County Administrator	○ □ □ □	gitally signed by S	Stavan M. Nicha	Date					
X Yes No	SMA		ate: 2019.06.11 16		06/11/2	019				
		ection 3 - BOAI		RVISORS						
Approved?	Decision Date	Con	nments							
☐ Yes ☐ No										

FLUVANNA COUNTY BOARD OF SUPERVISORS MEETING PACKAGE ATTACHMENTS

Y/N	Item
Υ	Unassigned Fund Balance Report
Υ	BOS Contingency Balance Report
Υ	Capital Reserve Balances Memo
N	Fluvanna County Bank Balances
Υ	Building Inspections Report
N	VDOT Monthly Report

MEMORANDUM

June 19, 2019 Date:

Mary Anna Twisdale – Director of Finance Board of Supervisors From:

To:

Subject: Unassigned Fund Balance

FY18 Year End Audited Total Unassigned Fund Balance:	\$14,532,691
Unassigned Fund Balance – 12% Target Per Policy:	\$8,687,777
Unassigned Fund Balance – Excess Above Policy Target:	\$5,844,914
Less: FY 18-19 Automatic Carryovers – 07.01.18	-\$21,644
Less: FY19 Abrams Abatement Classroom and Crawl Space – 09.19.18	-\$72,001
Less: FY19 Fire Hydrant Installation (JRWA) – 10.17.18	-\$142,500
Less: FY18-19 Various Carryover Requests – 11.20.18	-\$240,700
Less: FY19 BOS Professional Services Ward vs. Fluvanna – 03.06.19	-\$130,000
Less: FY20 CIP – 04.24.19	-\$1,873,640
Less: FY19 CSA Additional Funding – 06.05.19	-\$47,640
Current FY19 Unassigned Fund Balance – Excess Above Policy Target:	\$3,316,789

MEMORANDUM

June 19, 2019 Date:

Mary Anna Twisdale – Director of Finance Board of Supervisors From:

To:

FY19 BOS Contingency Balance **Subject:**

The FY19 BOS Contingency line balance is as follows:

Beginning Budget:	\$150,000.00
Less: FY19 Non-Profit Budget Allocations Change – 05.16.18	-\$14,180.00
Less: FY19 C.A.R.E. Task Force Container for Clean Up Day – 09.19.18	-\$500.00
Less: FY19 Building & Program Feasibility Study - 11.20.18	-\$10,690.00
Less: FY19 Additional Public Safety Radios for St. Troopers – 12.19.18	-\$12,000.00
Less: FY19 Aqua Virginia vs. Caroline County – 03.06.2019	-\$5,000
Less: FY19 TJPDC Regional Housing Summit – 04.03.2019	-\$1,000
Less: FY19 RK&K Columbia Sewage CIP – 04.17.2019	-39,699.00
Available:	\$66,931.00

MEMORANDUM

Date: June 19, 2019

From: Mary Anna Twisdale- Director of Finance

To: Board of Supervisors

Subject: FY19 Capital Reserve Balances

The FY19 Capital Reserve account balances are as follows:

County Capital Reserve:

FY19 Budget Allocation:	\$0
FY18 Carryover	\$67,256
FY18 Closed Out Projects	\$163,865
Total FY19 Budget:	\$231,121
Less: I.T. Air Conditioning Unit – 09.19.18	-\$7,000
Less: FSPCA Building Renovations – 10.17.18	-\$45,000
Less: Palmyra Rescue Squad Building Renovations – 10.17.18	-\$15,000
Less: Historic Courthouse Oil Furnace Replacement – 01.09.19	-\$8,948
Less: Social Services Heat Pump – 01.09.19	-\$6,061
Less: Courthouse Basement Piping – 03.20.19	-\$14,530
Less: Library Carpeting – 03.20.19	-\$8,382.89
Less: Administration Campus Sidewalk – 04.03.19	-\$6,488
Less: Dog Park ADA Trail – 04.03.19	-\$12,570
FY19 Available:	\$107,141.11

Schools Capital Reserve:

FY19 Budget Allocation:	\$150,000
FY18 Carryover	\$116,308
FY18 Closed Out Projects	\$13,046
Total FY19 Budget:	\$279,354
Plus: BOS Unassigned Fund Balance: Middle School Debt Proceeds – 09.19.18	\$72,001
Less: Abrams Abatement: Classroom & Crawl Space - 09.19.18	-\$72,001
Less: Carysbrook & Central Elementary Blacktop Repair – 09.19.18	-\$10,650
Less: Central Elementary School Partition – 09.19.18	-\$12,000
Less: Bus 21 Engine/ Motor Replacement – 11.07.18	-\$22,500
Less: FCHS Water Tank – 12.19.18	-\$2,450
Less: FMS Fire Alarm Install, Removal, and Replacement – 12.19.18	-\$4,422
Less: FCHS PH Filter Tank – 04.03.19	-\$7,959
Less: FMS Annex Gym Wall – 04.03.19	-\$6,855
Less: FMS Office Area Roof – 04.03.19	-\$13,995
Less: FMS Window Installation – 04.03.19	-\$4,374
FY19 Available:	\$194,149

BUILDING INSPECTIONS MONTHLY REPORT

County of Fluvanna

Building Official: Period:

Kevin Zoll May, 2019

												april,		
Category	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
						BUILD	DING PERMIT	'S ISSUED						
	2015	4	5	10	9	12	12	14	13	2	4	7	3	95
NEW - Single Family	2016	11	11	8	15	9	18	6	5	9	2	6	8	108
Detached	2017	3	2	16	6	4	10	6	5	14	5	7	13	91
(incl. Trades	2018	8	3	15	11	13	17	13	10	8	8	6	9	121
permits)	2019	8	10	14	9	12	0	0	0	0	0	0	0	53
	2015	2	0	0	0	0	0	0	2	0	0	0	0	4
NEW - Single	2016	0	0	0	0	0	5	0	0	0	0	0	0	5
Family Attached	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
	2019	U	U	U	0	0	U	0	U	U	0	U	0	0
	2015	0	0	0	0	1	1	0	2	0	0	0	0	4
AUTHAL BALLS	2016	0	1	0	0	0	0	0	1	0	0	0	0	2
NEW - Mobil Homes	2017	0	0	0	0	2	1	0	1	0	0	0	0	4
	2018	0	0	1	1	0	0	0	0	0	0	0	1	3
	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
	2015	21	30	38	28	21	30	22	25	23	27	35	18	318
	2016	13	10	31	27	29	29	15	32	31	28	27	27	299
Additions and	2017	29	20	29	43	20	29	32	18	23	27	43	28	341
Alterations	2018	19	6	10	19	8	13	26	25	32	42	22	21	243
	2019*	35	33	37	27	38	0	0	0	0	0	0	0	170
		* Trade permi	ts count not in	cluded as in pr	evious years									
	2015	4	4	3	4	1	0	0	2	6	0	0	3	27
Accessory	2016	3	4	4	6	2	2	1	2	1	3	3	6	37
Buildings	2017	0	4	2	3	2	2	2	4	2	0	2	2	25
	2018	2	3	3	6	2	1	4	2	1	2	2	2	30
	2019	2	4	6	4	4	0	0	0	0	0	0	0	20
	2015	0	0	0	0	0	0	0	1	1	0	0	0	2
	2016	0	0	0	0	0	1	1	0	0	0	0	0	2
Swimming Pools	2017	0	0	0	0	0	1	1	0	0	1	1	0	4
	2018	0	1	1	1	0	1	2	0	1	2	0	0	9
	2019	0	0	0	3	2	0	0	0	0	0	0	0	5
	2015	1	0	0	0	0	0	2	0	0	1	1	1	6
Commercial/	2016	0	0	2	2	0	0	1	0	1	1	1	1	9
Industrial	2017	1	2	0	0	0	0	2	2	1	1	0	0	9
Build/Cell Towers	2018	0	0	0	0	0	2	0	0	0	0	0	0	2
	2019	0	0	1	1	0	0	0	0	0	0	0	0	2
	22.1	00						22						
	2015	32	39	51	41	35	43	38	45	32	32	43	25	456
TOTAL	2016	27	26	45	50	40	55	24	40	42	34	37	42	462
BUILDING PERMITS	2017	33 29	28 13	47 30	52 38	28	43 34	43 45	30 37	40 42	34 54	53 30	43 33	474
	2018*	45	47	58	38 44	56	0	0	0	0	0	0	0	250
				cluded as in pr		30	J	0	U	U	J J	U U		230
						BUILDING V	ALUES FOR P	ERMITS ISSU	JED					
	2015	\$1,384,631	\$1,560,716	\$2,916,520	\$3,567,237	\$2,999,918	\$4,280,357	\$5,272,378	\$3,107,731	\$2,625,563	\$2,303,913	\$1,931,893	\$6,252,403	\$ 38,103,260
TOTAL	2016	\$1,817,981	\$2,555,455	\$5,542,458	\$3,711,821	\$2,447,891	\$5,181,921	\$3,611,179	\$1,817,783	\$3,089,971	\$1,889,279	\$2,028,590	\$2,937,783	\$ 36,632,112
BUILDING	2017	\$857,767	\$827,724	\$4,859,777	\$2,066,132	\$1,512,789	\$3,676,118	\$1,904,915	\$2,359,988	\$2,846,545	\$1,957,646	\$1,897,110	\$3,479,285	\$ 28,245,796
VALUES	2018	\$2,541,433	\$1,075,551	\$3,544,096	\$2,513,241	\$3,834,995	\$5,693,348	\$3,156,593	\$4,729,005	\$3,637,992	\$1,791,222	\$2,169,284	\$2,421,169	\$ 37,107,929
	2019	\$1,991,054	\$2,502,719	\$5,639,238	\$4,695,173	\$3,057,597	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 17,885,781

Category	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
	LAND DISTURBING PERMITS ISSUED													
	2015	6	5	9	10	10	12	15	16	3	5	10	5	106
LAND	2016	12	11	8	14	10	17	7	6	11	3	9	9	117
DISTURBING	2017	3	2	17	7	7	9	6	6	15	8	7	14	101
PERMITS	2018	10	4	16	13	11	17	13	7	9	6	7	8	121
	2019	8	12	16	9	14	0	0	0	0	0	0	0	59
						INSP	ECTIONS CO	MPLETED						
	2015	105	137	146	214	113	232	193	181	208	206	149	149	2,033
	2016	116	91	153	157	155	214	249	230	197	181	184	172	2,099
TOTAL INSPECTIONS	2017	159	144	171	141	177	152	202	182	153	183	181	169	2,014
	2018	163	148	173	186	215	176	164	220	144	221	154	141	2,105
	2019	237	207	232	297	305	0	0	0	0	0	0	0	1,278

	FEES COLLECTED														
Building Permits	2015	\$6,731	\$8,351	\$13,711	\$16,037	\$13,508	\$16,628	\$14,931	\$18,895	\$10,411	\$8,558	\$10,381	\$9,575	\$	147,717
	2016	\$11,850	\$11,954	\$11,576	\$14,889	\$8,447	\$18,588	\$12,947	\$7,537	\$11,285	\$12,548	\$8,361	\$11,213	\$	141,195
	2017	\$4,060	\$3,660	\$22,692	\$9,249	\$6,703	\$11,948	\$9,494	\$7,790	\$13,169	\$6,895	\$9,022	\$12,886	\$	117,568
i cillies	2018	\$8,988	\$4,311	\$9,939	\$14,765	\$13,796	\$23,633	\$14,993	\$8,748	\$10,826	\$12,613	\$9,556	\$14,570	\$	146,738
	2019	\$11,377	\$13,617	\$14,005	\$14,308	\$11,228	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$	64,535
	2015	\$1,775	\$875	\$1,425	\$3,425	\$1,750	\$1,850	\$2,325	\$3,338	\$1,085	\$2,819	\$10,450	\$2,298	\$	33,415
Land	2016	\$3,200	\$2,575	\$1,700	\$1,950	\$2,250	\$2,200	\$4,020	\$875	\$28,074	\$2,000	\$1,450	\$1,100	\$	51,494
Disturbing	2017	\$475	\$800	\$7,000	\$1,523	\$2,366	\$2,425	\$1,733	\$7,784	\$2,100	\$2,050	\$1,000	\$1,625	\$	30,881
Permits	2018	\$1,450	\$5,975	\$1,890	\$1,625	\$1,625	\$2,850	\$1,625	\$1,175	\$1,125	\$875	\$10,675	\$2,150	\$	33,040
	2019	\$1,000	\$1,500	\$1,625	\$1,125	\$3,553	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$	8,803
	2015	\$1,200	\$1,000	\$1,650	\$2,600	\$1,500	\$1,850	\$1,850	\$2,400	\$1,650	\$1,050	\$900	\$850	\$	18,500
Zoning	2016	\$1,150	\$1,250	\$1,800	\$2,450	\$1,650	\$2,700	\$1,150	\$1,150	\$1,900	\$1,050	\$900	\$850	\$	18,000
Permits/	2017	\$400	\$1,000	\$2,400	\$950	\$1,500	\$1,800	\$1,245	\$1,250	\$1,600	\$1,050	\$1,250	\$1,550	\$	15,995
Proffers	2018	\$1,400	\$800	\$1,750	\$1,600	\$1,400	\$2,200	\$2,050	\$1,400	\$1,050	\$1,400	\$700	\$1,400	\$	17,150
	2019	\$1,200	\$1,800	\$2,200	\$1,550	\$2,050	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$	8,800
	2015	\$9,706	\$10,226	\$16,786	\$22,062	\$16,758	\$20,328	\$19,106	\$24,633	\$13,146	\$12,427	\$21,731	\$12,723	\$	199,632
	2016	\$16,200	\$15,779	\$15,076	\$19,289	\$12,347	\$23,488	\$18,117	\$9,562	\$41,259	\$15,598	\$10,711	\$13,263	\$	210,689
TOTAL FEES	2017	\$4,935	\$5,460	\$32,092	\$11,722	\$10,569	\$16,173	\$12,472	\$16,824	\$16,869	\$9,995	\$11,272	\$16,061	\$	164,444
, 225	2018	\$11,838	\$11,086	\$13,579	\$17,990	\$16,821	\$28,683	\$18,668	\$11,323	\$13,001	\$14,888	\$20,931	\$18,120	\$	196,928
	2019	\$13,577	\$16,917	\$17,830	\$16,983	\$16,831	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$	82,138