

Date	Event	Details
January 17, 2017	Davenport presents financing update	Board considering financing for schools refurbishment and new landfill cell construction
February 7, 2017	Resolution 2017-004-R adopted for financing through the EDA	
March 21, 2017	Davenport presentation	
April 4, 2017	Resolution 2017-0013 to proceed with financing	
May 5, 2017	Financing complete	
December 1, 2017	Administrator questions whether long term commitment to another landfill cell is prudent	
June 5, 2018	Draper Aden presents options	board directed staff to schedule addition discussion with Draper Aden in September 2018
September 4, 2018	Draper Aden discussion	staff directed to schedule public hearing on the construction of a transfer station
October 2, 2018	Town Hall Meeting for Transfer Station	Klappich informs BoS landfill has an estimated 5 yrs left (until ~Oct 2023)
January 15, 2019	Landfill Options Analysis	McBride informs BoS the bond funds must be expended within 2 yrs - consensus to wait 60 days to make a decision
February 5, 2019	Landfill Discussion	staff directed to create cost estimates
March 5, 2019	Landfill Options	Board voted to close landfill cell and construct transfer station
May 21, 2019	Board discussion	Board consensus to not to use Building Committee to oversee project but use a project management service
July 12, 2019	Solicit proposals	Request for PPEA Proposals was advertise for Design & Construction of a Transfer Station & Two (2) Convenience Centers
August 21, 2019	Receive proposals	Three proposals were received: G & H Contracting, Price Builders, Glass Construction
September 25, 2019	PPEA interviews	
October 1, 2019	Matters of the Board	
November 5, 2019	Board approved PPEA contract with Price Building	
December 17, 2019	PPEA Public Hearing	
January 21, 2020	Board meeting	BoS approves transfer station construction contract; questions use of nutrient credits to reduce cost
February 4, 2020	Board discussion	Mr. Martin requested these decisions be made by the board in the future
May 5, 2020	Original Bond issue amended to extend time	BoS approves new bonds to extend timeline and PW hauling of waste from convenience centers
June 1, 2020	Staff analysis and decision to contract with SCS was made following a presentation made by PW proposing to uncap landfill, the County Admin gives authorization to proceed, apply for DEQ permits	Contracted with SCS Engineers to begin 18-24 month permitting process, which may buy mre time if TS does not open on-time (COVID)
July 30, 2020	SCS begins consultation with DEQ to permit uncapping of Cell 1	
September 15, 2020	Debt refinance discussion	
October 6, 2020	VRA \$6M approved and equipment list	BoS approves purchase of Over-the-Road tractors (2) and walking floor trailers (5)
November 18, 2020	Close on \$6M new financing	
February 16, 2021	Discussion of project status report	BoS advised of uncapping initiative to prepare for construction delays and anticipated transfer station completion date of Nov 2021
September 21, 2021	Transfer station update given to the board uncapping was reviewed	
October 28, 2021	DEQ issues temporary, conditional authorization to uncap existing open landfill	Allowed landfilling operations to prepare, plan, engineer for more space utilization
November 1, 2021	County Administrator's Report	Board advised of DEQ approval of uncapping and no additional costs will be incurred
May 17, 2022	Departmental Report from PW	PW reported transfer station was 90% complete; uncapping of landfill could extend life 1.5-3 yrs. Thacker informs it would be 2-3 yrs before OTR hauling begins
June 1, 2022	County receives final authorization from DEQ to uncap portion of existing landfill	Began filling uncapped space immediately, taking away necessity for transfer station to open at once
July 19, 2022	County receives final permit, PBR 640, for the Transfer Station from DEQ	Uncapping allows for relaxed, calculated transition from landfilling to hauling as needed



## **Agenda Item VII. B.**

**Meeting Date:** January 17, 2017

**Department:** Davenport & Company

**Issue:** **Status Report on Landfill Financing**

**Board Action:** The Board is receiving a status report.

**Attachment:** Landfill (Cell 2) Plan of Finance Update

**Summary:** Davenport representatives will be present to make their report and answer questions.

**Recommendation:** None. For information only.

Davenport Public Finance  
One James Center  
901 East Cary Street  
Suite 1100  
Richmond, Virginia 23219  
804-697-2900

To Board of Supervisors, Amherst County, Virginia

From Roland Kooch, Senior Vice President, Davenport Public Finance  
R.T. Taylor, Associate Vice President, Davenport Public Finance

CC Dean Rodgers, County Administrator, Amherst County, Virginia  
David Proffitt, Assistant County Administrator, Amherst County, Virginia  
Stacey Wilkes, Finance Director, Amherst County, Virginia  
Teresa Nuckols, Solid Waste Director, Amherst County, Virginia  
Ellen Bowyer, County Attorney, Amherst County, Virginia  
Steve Johnson, Bond Counsel, Troutman Sanders LLP  
Ted Cole, Senior Vice President, Davenport Public Finance

Date Tuesday, January 17, 2017

Subject Landfill (Cell 2) Plan of Finance Update

This memo serves as an update on the Plan of Finance for the Landfill – Cell 2 – Project (the “Project”) for Amherst County, Virginia (the “County”).

Based upon information provided by Staff, the County intends to secure approximately \$4.0 Million in financing for the Project. These funds will be used to pay for (and reimburse, to the extent necessary) costs of construction, engineering, permitting, legal and financing expenses, among others related to the Project. Based on the County's desired schedule, funding for the Project will need to be in place on or about May 2017. As such, Davenport & Company LLC (“Davenport”), as Financial Advisor to the County, has been requested to assist with potential financing alternatives.

In order to maximize the County's ability to obtain financing at the lowest costs of funds and within the desired timeline, Davenport proposes dual-tracking the following financing alternatives: Virginia Resources Authority (“VRA”) and Direct Bank Loan. This approach will require the County to submit an application to VRA as well as issue a Request for Proposals (“RFP”) to banks interested in providing the necessary funding. Please understand that the County is not committing to either financing alternative upfront; rather, the County will be able to consider both alternatives and select the more desirable financing alternative based on rates, terms, and conditions.

## DAVENPORT & COMPANY

### Landfill (Cell 2) Plan of Finance Update

Tuesday, January 17, 2017

To that end, Davenport will take the lead in preparing and submitting the VRA Application on behalf of the County by the deadline established by VRA of Friday, February 3, 2017. In addition, Davenport will also take the lead in drafting and distributing a RFP for purposes of obtaining potential interest from banks in providing a Direct Bank Loan.

Upon the receipt of bank proposals, Davenport will prepare the appropriate analyses comparing the two financing alternatives (i.e., VRA and Direct Bank Loan) and report back to the County with the results as well as a recommendation.

### Preliminary Timeline

Below, please find a preliminary timeline which highlights key dates and tasks that may be applicable to either of the financing approaches. Also, please note that we have included placeholders for Board meetings of the County's Economic Development Authority (the "EDA"). Should the County decide to move forward with a Direct Bank Loan, the County's EDA may need to be involved as the conduit issuer.

Date	Task	Responsibility
January 17 <sup>th</sup>	County Board Meeting (7pm). <i>Agenda deadline 1/9/2017</i> <ul style="list-style-type: none"><li>County Board considers directing Davenport and Staff to dual-track financing approaches including VRA Application and Direct Bank Loan RFP.</li></ul>	County/Davenport
January 18 <sup>th</sup>	EDA Board Meeting (6pm). <i>Agenda deadline TBD</i> <ul style="list-style-type: none"><li>TBD</li></ul>	EDA
February 3 <sup>rd</sup>	VRA Application Deadline.	County/Davenport
February 7 <sup>th</sup>	County Board Meeting (1pm). <i>Agenda deadline 1/31/2017</i> <ul style="list-style-type: none"><li>County Board considers adopting reimbursement resolution.</li></ul>	County/Counsel
Week of February 13 <sup>th</sup>	Davenport distributes RFP.	Davenport
February 15 <sup>th</sup>	EDA Board Meeting (6pm). <i>Agenda deadline TBD</i> <ul style="list-style-type: none"><li>TBD</li></ul>	EDA
February 21 <sup>st</sup>	County Board Meeting (7pm). <i>Agenda deadline 2/14/2017</i> <ul style="list-style-type: none"><li>TBD</li></ul>	County
March 7 <sup>th</sup>	County Board Meeting (1pm). <i>Agenda deadline 2/28/2017</i> <ul style="list-style-type: none"><li>TBD</li></ul>	County
March 8 <sup>th</sup>	RFP Proposals Due Date.	Davenport
March 8 <sup>th</sup> to 14 <sup>th</sup>	Discuss results with Staff and develop recommendation. <i>Agenda deadline 3/14/2017 for 3/21/2017 County Board meeting.</i>	Working Group
March 15 <sup>th</sup>	EDA Board Meeting (6pm). <i>Agenda deadline TBD</i> <ul style="list-style-type: none"><li>TBD</li></ul>	EDA



## DAVENPORT & COMPANY

### Landfill (Cell 2) Plan of Finance Update

Tuesday, January 17, 2017

Date	Task	Responsibility
March 21 <sup>st</sup>	County Board Meeting (7pm). <i>Agenda deadline 3/14/2017</i> <ul style="list-style-type: none"><li>Present analysis comparing Direct Bank Loan RFP Results to VRA.</li><li>Determine preferred financing approach.</li><li>County Board considers adopting parameters resolution.</li></ul>	Working Group
Late March/ Early April <i>(VRA Deadline for Notice)</i>	<ul style="list-style-type: none"><li>County provides finalized requested proceeds amount, project budget, and estimated draw schedule to VRA, if necessary.</li><li>All local approvals received and filed, per VRA, if necessary.</li></ul>	Working Group
April 4 <sup>th</sup>	County Board Meeting (1pm). <i>Agenda deadline 3/28/2017</i> <ul style="list-style-type: none"><li>County Board considers adopting final resolutions and form of financing documents.</li></ul>	Working Group
April 18 <sup>th</sup>	County Board Meeting (7pm). <i>Agenda deadline 4/11/2017</i> <ul style="list-style-type: none"><li>TBD</li></ul>	County
April 19 <sup>th</sup>	EDA Board Meeting (6pm). <i>Agenda deadline TBD</i> <ul style="list-style-type: none"><li>EDA Board considers adopting approving resolutions and form of financing documents, if necessary.</li></ul>	Working Group
By Late April/ Early May	Close on Direct Bank Loan.	Working Group
May 2 <sup>nd</sup>	County Board Meeting (1pm). <i>Agenda deadline 4/25/2017</i> <ul style="list-style-type: none"><li>TBD</li></ul>	County
Mid May	VRA Bonds Sale.	Working Group
Late May	VRA Bonds Closing.	Working Group

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# Amherst County Solid Waste Program

Disposal Option Evaluation  
June 5, 2018





# Agenda

Introduction

Overview of findings

Description of options

Advantages of options

Disadvantages of options

Summary



Draper Aden Associates  
*Engineering • Surveying • Environmental Services*



# Overview of Findings

ITEM	TOTAL ESTIMATED COST FY 2019 – FY 2037	COST OF SERVICE (\$/TON)
Option 1 – Landfill Operations	\$45,199,300	\$97
Option 3 – Transfer to Region	\$44,111,100	\$94
Option 3 – Transfer to WMX	\$40,563,700	\$87

A difference in \$10/ton over the length of the planning period represents an annual savings of about \$246,000 per year.

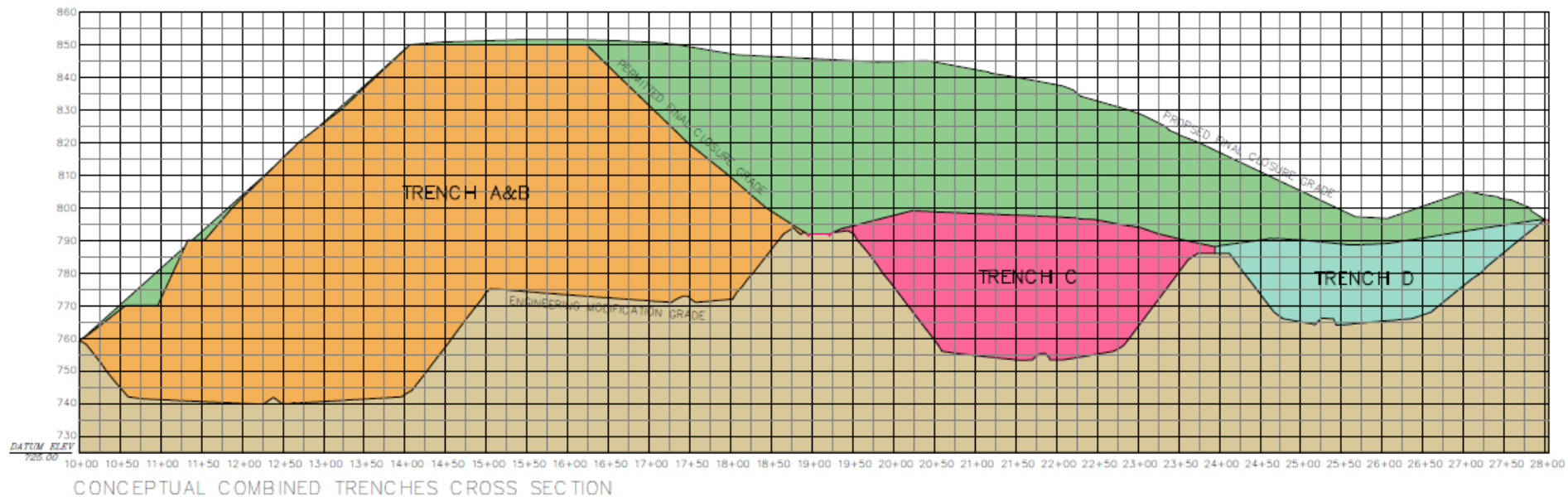
# Key Assumptions

- Cost of service evaluation
- Planning period FY 2019 – FY 2037 (End of Cell 2)
- Collections, recycling and old landfill not included.
- Average tonnage 24,600 tons per year – no growth
- Inflation at 2% unless otherwise noted
- BB&T loan: \$3,979,610
  - Option 1 - Landfill – Construction of Cell 2
  - Option 3 – Transfer - Closure Cell 1; construction of transfer station
- Current reserve fund: \$4,400,000
  - Option 1 - Landfill – Prefunding of Closure and Post Closure Care – insufficient to cover full cost
  - Option 3 – Transfer - Full funding of Post Closure Care Cell 1 and initial equipment



# Option 1

## Continued Landfill Operations



# Option 1

## Continued Landfill Operations

- Interim cover or “mothballing landfill”
- Design/construction – cost of liner and cap over \$600,000 per acre (2018 dollars)
- Operations – personnel; equipment; leachate
- Compliance monitoring – groundwater, stormwater, landfill gas
- Closure – costs increase with acreage
- Post Closure Care = 30 years





# Option 2

## Privatize Landfill Operations

- Request for proposals or bids did not have any responses
- County maintains full liability for landfill as permit holder
- Eliminated from further consideration



# Option 3

## Transfer to Out of County LF



# Option 3

## Transfer to Out of County LF

- Transfer station - 8,000 square feet; cost approximately \$1,656,000; 20 - 25 year life
- Limited personnel and equipment requirements
- Contract(s) for hauling and disposal
- Disposal options considered:
  - Region 2000 Landfill: 12 years life; approx. 40 miles RT; gate rate \$40.25/ton
  - WMX Amelia County facility: 100+ years of life; approx. 150 miles RT; gate rate \$21/ton



# Advantages Continued Landfill Operations

- County control of operations
- Limited need for long term contracts with third parties
- Responsibility for permit compliance.
- Reaction to natural disasters - flexible
- Waste acceptance - greater (e.g. sludge, large dead farm animals, some industrial wastes.)



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# Advantages Transfer Options

- Loan - Fund the transfer station and the closure of Cell 1
- Reserve fund - Fully fund post closure care for Cell 1 for 30 years and initial transfer station equipment
- Personnel - Better working environment
- Equipment/equipment maintenance
  - Less expensive; better environment



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# Advantages Transfer Options

- Access into the facility - Better for haulers
- Litter control - Internal to building
- Leachate - Significant flow reduction (except from Cell 1)
- Recycling – Enhancement
- Economy of scale - Not critical to this option
- Capital investment and long term liability - Less than the landfill



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# Disadvantages Continued Landfill Operations

- Personnel – number, training, certification
- Equipment – number, cost, maintenance
- Working face and access – diversity of haulers; inclement weather
- Litter control – windy conditions



# Disadvantages Continued Landfill Operations

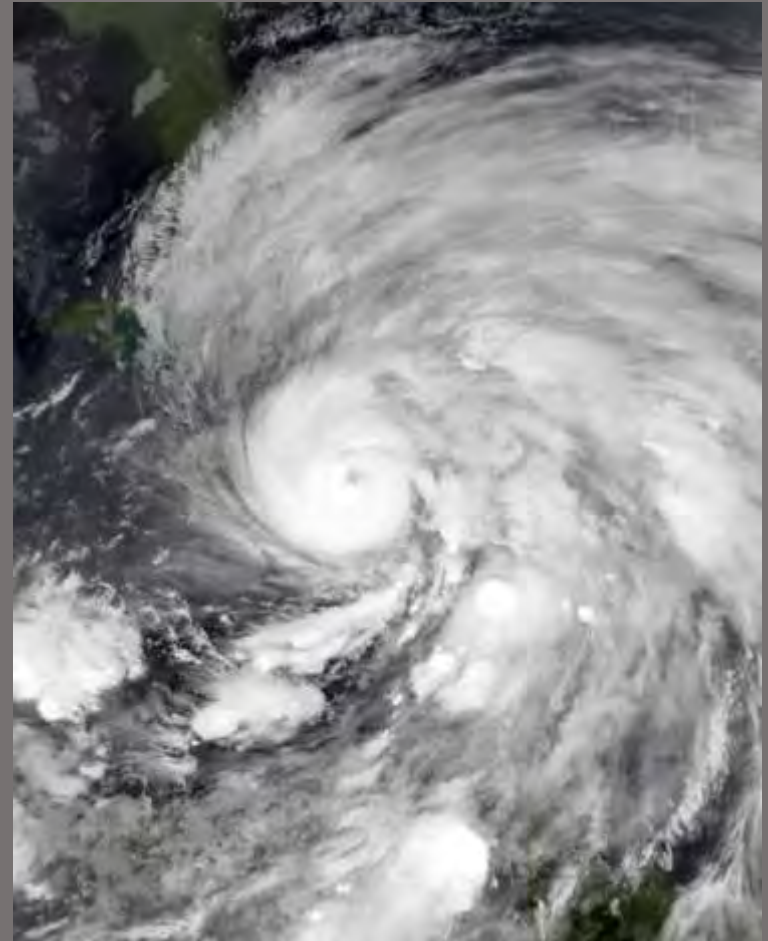
- Leachate - flows, hauling, treatment
- Competition and poor economy of scale
- Regulatory compliance – more regulations
- Long-term liability for closure and the 30 year post closure care period





# Disadvantages Transfer Options

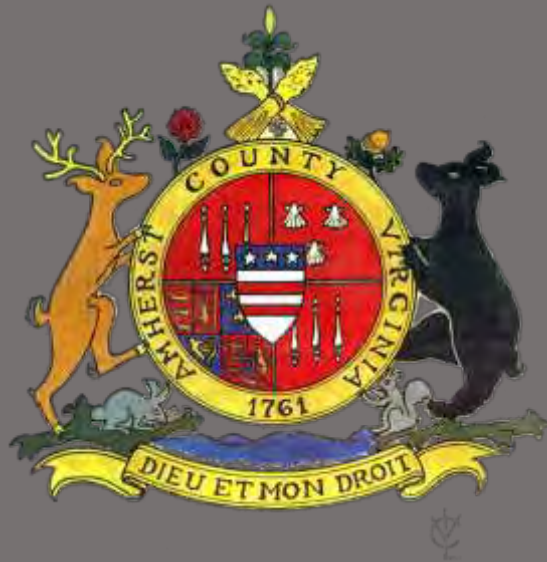
- Hauling and disposal contracts: Procurement; escalators; lack of control
- Fuel escalators: Variability
- Disposal facilities: Capacity; compliance with VDEQ
- Reaction to natural disasters: May not be as flexible; impacted by contracts



# Summary

ITEM	TOTAL ESTIMATED COST FY 2019 – FY 2037	COST OF SERVICE (\$/TON)
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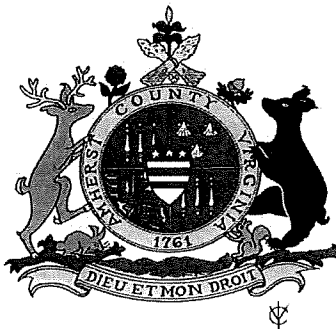
Presented by:  
Lynn Klappich, CSI, CCCA  
June 5, 2018



**Draper Aden Associates**  
*Engineering • Surveying • Environmental Services*

**Board of Supervisors**

Claudia D. Tucker, Chair  
District 2  
L. J. Ayers III, Vice-Chair  
District 3  
David W. Pugh, Jr., Supervisor  
District 4  
Kenneth M. Campbell, Supervisor  
District 1  
Jennifer R. Moore, Supervisor  
District 5



**County Administrator**  
Dean C. Rodgers

**County Attorney**  
Michael W. S. Lockaby

**AMHERST COUNTY BOARD OF SUPERVISORS**

**MINUTES**

**AGENDA**

June 5, 2018  
Administration Building - 153 Washington Street - Public Meeting Room  
Amherst, Virginia 24521  
Informal Luncheon – 12:00 p.m.  
Meeting Convened - 1:00 p.m.

- I. Call to Order**
- II. Approval of Agenda**
- III. Invocation and Pledge of Allegiance**
- IV. Citizen Comment**
- V. Ordinance – First Reading**
  - A. Assessment for electronic summons system
- VI. Consent Agenda**
  - A. Minutes – May 1, 2018
  - B. Revised Social Services Costs Agreement
  - C. County Administrator Changes (CAC) to Regulations
  - D. Sight Distance Easement – Felicia Mays (TM# 125-A-10A)
  - E. Riveredge Park Rock Climbing License
  - F. Use of E-911 Funds
  - G. Sheriff's Office Appropriations
- VII. New Business**
  - A. Landfill v. Transfer Station
  - B. New Staff Positions
  - C. Use of FY 2018 CIP savings
  - D. Park Playground Replacement
  - E. Formation of Amherst Disaster Recovery Group
- VIII. County Administrator's Report**
  - A. Boards/Commission/Committees – vacancies
    - 1. Amherst County Social Services Board
    - 2. Central Virginia Community College Board
    - 3. Library Board

B. Projects Status Report

**IX. County Attorney's Report**

**X. Liaison and Committee Reports**

A. Lynchburg Regional Business Alliance, Exec. Bd. May 11, 2018

B. Lynchburg Regional Business Alliance, Board of Directors Meeting, 24 May 2018

**XI. Departmental Report**

A. Treasurer's Monthly Report

**XII. Citizen Comment**

**XIII. Matters from Members of Board of Supervisors**

A. A closed session, pursuant to Section 2.2-3711(A)(3) of the Code of Virginia, 1950, as amended, for the purpose of discussion or consideration of the acquisition of real property for a public purpose, or of the disposition of publicly held real property, where discussion in an open meeting would adversely affect the bargaining position or negotiating strategy of the public body, specifically relating to the Winton Country Club property.

**XIV. Certification of Closed Session**

**XV. Adjournment**

## MINUTES

At a Regular Meeting of the Amherst County Board of Supervisors and held at the Amherst County Administration building, Amherst, Virginia, thereof on Tuesday, the 5<sup>th</sup> day of June, 2018, at 1:00 p.m., the following members were present:

**BOARD OF SUPERVISORS:**

<b>PRESENT:</b> Claudia D. Tucker, Chair L. J. Ayers, III, Vice-Chair David W. Pugh, Jr., Supervisor Kenneth M. Campbell, Supervisor	<b>ABSENT:</b> Jennifer R. Moore, Supervisor
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**STAFF PRESENT:** County Administrator Dean C. Rodgers, Deputy County Administrator David R. Proffitt; County Attorney Michael W. S. Lockaby; and Executive Assistant Regina M. Rice

**OTHERS PRESENT:** Finance Director Stacey Wilkes  
Planning/Zoning Director Jeremy Bryant  
Public Safety Director Sam Bryant  
CSA Coordinator Joni Tables  
HR Director Linda Warner

**I. Call to Order**

Chair Tucker called the meeting to order at 1:03 p.m.

**II. Approval of Agenda**



By motion of Vice-Chair Ayers and with the following vote, the Board approved the Agenda for June 5, 2018.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh and Mr. Campbell  
NAY: None  
ABSENT Ms. Moore  
ABSTAIN: None

**III. Invocation and Pledge of Allegiance**

Chair Tucker led the Invocation and Pledge of Allegiance.

**IV. Citizen Comment**

There was no public comment.

**V. Ordinance – First Reading**

A. Assessment for electronic summons system

Major Betty Wise, Amherst County Sheriff's Office, presented her report to the Board regarding the proposed ordinance for the electronic summons system.

Major Wise advised in 2015 the General Assembly granted localities the authority to impose an additional fee of up to \$5.00 on each criminal and traffic case in the local courts. This money would be used for the maintenance of an electronic summons system including hardware and software. The fees collected would be placed in a designated fund to be appropriated by the Board.

By motion of Vice-Chair Ayers and with the following vote, the Board directed staff to schedule Ordinance No. 2018-0002 for a public hearing on June 19, 2018.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh and Mr. Campbell  
NAY: None  
ABSENT Ms. Moore  
ABSTAIN: None

**VI. Consent Agenda**

- A. Minutes – May 1, 2018
- B. Revised Social Services Costs Agreement
- C. County Administrator Changes (CAC) to Regulations
- D. Sight Distance Easement – Felicia Mays (TM# 125-A-10A)
- E. Riveredge Park Rock Climbing License
- F. Use of E-911 Funds
- G. Sheriff's Office Appropriations

By motion of Supervisor Campbell and with the following vote, the Board approved the Consent Agenda for June 5, 2018.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh and Mr. Campbell  
NAY: None  
ABSENT Ms. Moore  
ABSTAIN: None

**VII. New Business**

**A. Landfill v. Transfer Station**

County Administrator Rodgers provided the Board with information regarding construction of the Cell 2 at the landfill, and advised that Lynn Klappich of Draper Aden Associates would address the Board with a study and analysis on two options.

Ms. Klappich reported on the Disposal Option Evaluation that was prepared for Public Works, which addressed several options for waste disposal in Amherst County.

Ms. Klappich presented three options: Option 1 - Continued Operation; Option 2 – Operation by Private Operator; (Note: Option 2 was dropped due to lack of bids received by the County); and Option 3 – Transfer Station.

Ms. Klappich discussed the advantages and disadvantages of Option 1 and 3.

Chair Tucker asked what was the time period that the Board would need to make a decision.

Ms. Klappich advised the Board would need to make a decision by the end of December 2018. She said if the Board decided to build Cell 2, it would be necessary to put out a bid by February 2019.

Ms. Klappich also advised the Board that a private transfer station location could be up and running in twelve to eighteen months.

The Board continued a discussion regarding hauling rates, annual cost for post closure of Cell 1, the timeframe to build a transfer station, and having a private operator manage the landfill.

Chair Tucker asked for a comparison of counties the size of Amherst, and if other counties have contracted their landfills out.

Ms. Klappich said she would provide that information to the Board, as well as looking at tonnage, annual operation costs and those counties that have transfer stations.

It was the Board's consensus to direct staff to schedule further discussion with Ms. Klappich of Draper Aden Associates at a future Board meeting in September 2018.

**B. New Staff Positions**

County Administrator Rodgers advised that in the supplemental budget, which was approved by the Board, there were three staff positions not funded. Due to miscalculation of the 2% COLA, there is now approximately \$153,000 of available recurring revenue to apply to the next items on the supplemental budget list. He requested that money be used to fund three additional positions.

Mr. Rodgers invited three staff members to address the Board with an explanation of why they would need to hire additional staff.

Public Safety Director Sam Bryant addressed the Board and explained the need to hire an administrative captain with IT management skills. He said requirements have increased for the standard of care, and this position would take care of training as well as operating an ambulance or fire engine. Mr. Bryant said this position could be a stepping stone up into the Deputy Director position.

Ms. Joni Tables, CSA Coordinator, addressed the Board and explained the increase of services her office provides. She now serves 80 families, which each caseload is reviewed every 90 days, and she attends approximately 350 FAPT meetings each year for families. Ms. Tables explained she recently had an on-site audit and one item that was noted was the necessity of having clerical support. She has approximately a \$2M budget to manage by herself as well as making sure all policies and procedures are being followed and documented.

HR Director Linda Warner addressed the Board and advised that she maintains customer service for all employees, averages 20-25 responses a day, attends to walk-ins on a daily basis, schedules meetings, and answers a volume of phone calls from employees. She said that an average day includes meetings, putting on or hosting trainings, recording and auditing responsibilities, filing, and working with highly regulated issues. Ms. Warner said this staff position would work for HR three days a week and for CSA two days a week performing the ongoing administrative tasks needed as well as addressing the multiple years of backlogged work.

Mr. Rodgers advised the third position he is seeking funding is for Public Works, which is down to two employees, the Director and one groundsman. The County does use contractors for mowing large areas, but are using the grounds people to maintain outdoor appearances. This position will be full time position.

Supervisor Pugh remarked that this money was not to be included in the budget because of a mistake made in calculations. He said he voted against the budget and he did not support the request.

Supervisor Pugh said that the County is on a course of overspending and should proceed with caution and maintain fiscal discipline. He stated that by draining the unobligated reserve by adding new employees, and growing government at a time of limited economic growth, it would appear that government growth is now out-pacing the private sector growth.

Supervisor Pugh motioned that the Board deny the proposed request and put this money in unobligated fund.

By motion of Supervisor Pugh and with the following vote, the Board moved to put the \$147,272 into the unobligated fund and to deny the proposed request.

ROLL CALL VOTE

Mr. Pugh	-	Aye
Mr. Ayers	-	Aye
Mrs. Tucker	-	Nay
Mr. Campbell	-	Nay
Ms. Moore	-	Absent

There was a tie vote and the motion failed.

Chair Tucker made a motion to defer this decision after the Board receives information from the County's auditors.

Mr. Rodgers said that the auditors will look at the rate of money spent from funds and report to the Board at the July 17 meeting.

Chair Tucker said she supported the three positions, especially Public Safety, which is critical. She also said with regard to CSA, that one mistake could cost the County thousands of dollars.

By motion of Chair Tucker and with the following vote, the Board voted to receive the report of unobligated fund expenditures from the auditors before proceeding with new staff positions.

ROLL CALL VOTE

Mrs. Tucker	-	Aye
Mr. Campbell	-	Aye
Mr. Pugh	-	Nay
Mr. Ayers	-	Aye
Ms. Moore	-	Absent

C. Use of FY 2018 CIP savings

Finance Director Stacey Wilkes addressed the Board and advised of savings found in the FY18 budget, and noted that most of the CIP projects have been put out for bids.

Ms. Wilkes said the self-contained breathing apparatuses for Public Safety were to be funded by a grant; however, the County did not receive the grant money.

Ms. Wilkes requested that \$160,000 of those savings be used to allow Public Safety to order the equipment for this year.

By motion of Supervisor Ayers and with the following vote, the Board appropriated an additional \$160,000 toward purchase of SCBA equipment from savings achieved from other FY18 CIP projects.

AYE:	Mrs. Tucker, Mr. Ayers, Mr. Pugh and Mr. Campbell
NAY:	None
ABSENT	Ms. Moore
ABSTAIN:	None

D. Park Playground Replacement

Recreation and Parks Director Sara Lu Cristian addressed the Board concerning the extensive damage of playground equipment at Coolwell, Stonehouse and Thrashers Lake Parks.

Ms. Christian requested funding to replace the equipment and to bring the parks up to standard.

County Administrator Rodgers remarked that the funding will come from the Fine & Forfeiture fund.

By motion of Vice-Chair Ayers and with the following vote, the Board appropriated \$104,759.32 from the County Fine and Forfeiture committed fund for the replacement of playground equipment as described.

AYE:	Mrs. Tucker, Mr. Ayers, Mr. Pugh and Mr. Campbell
NAY:	None
ABSENT	Ms. Moore
ABSTAIN:	None

E. Formation of Amherst Disaster Recovery Group

County Administrator Rodgers advised that the ADRG has been formed, and within its by-laws there is a reference how it will collect funds for disasters. It has been proposed that a special

fund be set up by the Finance Department for collection of funds to assist individuals who have been affected by disasters.

Mr. Rodgers requested that the Board approve the use of the County's financial system that will provide a central location for collection of funds.

By motion of Supervisor Pugh and with the following vote, the Board approved the County to provide staff resources to serve in the Amherst Disaster Recovery Group and, particularly, as the ADRG's Fiscal Agent.

AYE:	Mrs. Tucker, Mr. Ayers, Mr. Pugh and Mr. Campbell
NAY:	None
ABSENT	Ms. Moore
ABSTAIN:	None

**VIII. County Administrator's Report**

**A. Boards/Commission/Committees – vacancies**

**1. Amherst County Social Services Board**

County Administrator Rodgers reported that one at-large seat is open on the Amherst County Social Services Board. The term of Ms. Elynor Rose, the at-large representative, will expire on June 30, 2018. Ms. Rose indicated she did not wish to seek re-appointment.

Staff adequately advertised the vacancy in May 2018 and two folks have applied, Mr. John A. Marks, Jr. and Ms. Sharon Lindsay-Cash.

Chair Tucker asked the Board if they were supportive of bringing those two folks in for interviews.

Supervisor Pugh said he supported Mr. Marks due to his background as a Board of Supervisor and his former position as a liaison on the Social Services Board.

Chair Tucker understood that the Board would conduct interviews if there were more than two applicants. She said if the Board wished to break with that approach, the Board could.

Vice-Chair Ayers asked for the County Attorney's opinion.

County Attorney Lockaby advised there is no law or ordinance that requires interviews, it is only a matter of internal policy.

Supervisor Campbell said the Mr. Marks has done a good job.

By motion of Supervisor Pugh and with the following vote, the Board appointed John A. Marks, Jr. to an at-large seat on the Amherst County Department of Social Services Board.

AYE:	Mrs. Tucker, Mr. Ayers, Mr. Pugh and Mr. Campbell
NAY:	None
ABSENT	Ms. Moore
ABSTAIN:	None

**2. Central Virginia Community College Board**



County Administrator Rodgers advised the term of Dr. John Walker will expire on June 30, 2018. Dr. Walker submitted his letter of interest seeking re-appointment as the Amherst County representative on the CVCC Board.

Staff advertised this vacancy and did not receive any other letters of interest.

By motion of Chair Tucker and with the following vote, the Board re-appointed Dr. John Walker, Amherst County representative to the Central Virginia Community College Board.

AYE:	Mrs. Tucker, Mr. Ayers, Mr. Pugh and Mr. Campbell
NAY:	None
ABSENT	Ms. Moore
ABSTAIN:	None

3. Library Board

County Administrator Rodgers advised the term of Ms. Jean Higginbotham, District 2 representative, will expire on June 30, 2018. Ms. Higginbotham indicated she did not wish to seek re-appointment to the Library Board.

Staff advertised this vacancy and did not receive any letters of interest.

Mr. Rodgers asked the Board to direct staff to re-advertise this vacancy.

County Attorney Lockaby advised that person should be from that district.

Chair Tucker directed staff to continue to advertise this vacancy.

B. Projects Status Report

County Administrator Rodgers provided the Board with the following updates:

- Galts Mill dumpster site – Closure set for the end of June and closure notice signs have been posted.
- CVTC – The General Assembly has finished with the budget and approved \$250,000 to finish the Phase II environmental assessment and approved \$570,000 for the known remediation work. As of April 30<sup>th</sup> there were 375 employees and 92 residents, and by end of June 2019, the facility will be down to 39 residents, thus shrinking the facility down to eight buildings, and then down to five of the newest buildings.
- Broadband – Contract sent out today; the County Attorney has received an opinion from the bond attorney for the Radio Board; he is working with Broadband Advisory Committee on the contract, which will then come to a public hearing in July.

Supervisor Pugh asked when the Woody's Lake Road project will start.

Mr. Rodgers said he would get that information to him.

**IX. County Attorney's Report**

County Attorney Lockaby mentioned the wireless broadband issues and new state laws effective July 1. He said he has received word that the County may get one or more applicants for cellular towers after July 1, and that the County will need to be compliant with the new laws.

Mr. Lockaby advised he will come to Board to explain what these laws are at the next meeting and he will be putting together a new wireless ordinance.

Supervisor Pugh requested the County Attorney send the Board the text regarding the new state law.

**X. Liaison and Committee Reports**

- A. Lynchburg Regional Business Alliance, Exec. Bd. May 11, 2018
- B. Lynchburg Regional Business Alliance, Board of Directors Meeting, 24 May 2018

For the Board's information only.

**XI. Departmental Report**

- A. Treasurer's Monthly Report

For the Board's information only.

**XII. Citizen Comment**

There was no public comment.

**XIII. Matters from Members of Board of Supervisors**

Supervisor Campbell stated he received phone calls from citizens concerning the Galts Mills dumpster site closing and asked about possibility of the having landfill open all day on Saturdays. He also asked about putting dumpsters at the entrance of the landfill so that citizens would not have to drive into the landfill and avoid getting stuck in the mud and flat tires.

Mr. Rodgers said he asked Draper Aden to provide information on a convenience-style center located at the entrance of the landfill.

Supervisor Pugh commented on the \$147,273 of recurring revenue in the budget. He said the state is looking at school safety initiatives and will be coming out with recommendations. The County will have to help support school safety in the future and that money could support hiring three officers. He remarked that the County will have to fund some type of school safety initiatives and asked the Board to think about upcoming deliberations of where that money will come from.

Vice-Chair Ayers had no matter to discuss.

Chair Tucker remarked about the school resource officers and was not optimistic those funding streams would be helpful from state. This will need to be a comprehensive effort lead by Sheriff's Office and the Schools who know what they need and are the experts.

Chair Tucker said she has received overwhelming support on ridding the County of the Burley Hollow dumpster site and replacing that site with the new convenience center.

Chair Tucker said the Board meeting on August 21<sup>st</sup> will be right after the County Fair and proposed cancelling that meeting.

By motion of Chair Tucker and with the following vote, the Board cancelled the Board of Supervisors' and Service Authority meetings for July 3, 2018, and cancelled the Board of Supervisors' meeting for August 21, 2018.

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MINUTES – June 5, 2018  
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AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh and Mr. Campbell  
NAY: None  
ABSENT Ms. Moore  
ABSTAIN: None

**XIV. Closed Session**

Vice-Chair Ayers stated that he would recuse himself from the Closed Session and any other further proceedings from this June 5, 2018 meeting.

A. A closed session, pursuant to Section 2.2-3711(A)(3) of the Code of Virginia, 1950, as amended, for the purpose of discussion or consideration of the acquisition of real property for a public purpose, or of the disposition of publicly held real property, where discussion in an open meeting would adversely affect the bargaining position or negotiating strategy of the public body, specifically relating to the Winton Country Club property.

Supervisor Campbell moved that the Amherst County Board of Supervisors convene in closed session pursuant to Section 2.2-3711(A)(3) of the Code of Virginia, 1950, as amended, for the purpose of discussion or consideration of the acquisition of real property for a public purpose, or of the disposition of publicly held real property, where discussion in an open meeting would adversely affect the bargaining position or negotiating strategy of the public body, specifically relating to the Winton Country Club property.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh and Mr. Campbell  
NAY: None  
ABSENT Ms. Moore  
ABSTAIN: None

Supervisor Campbell motioned to come out of closed session and was approved with the following vote:

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh and Mr. Campbell  
NAY: None  
ABSENT Ms. Moore  
ABSTAIN: None

**CERTIFICATION OF CLOSED MEETING**

Supervisor Moore moved that the Amherst County Board of Supervisors certify by a recorded vote that, to the best of each Board member's knowledge, only public business matters lawfully exempted from the open meeting requirements of the Virginia Freedom of Information Act and identified in the motion authorizing the closed session were heard, discussed, or considered in the closed session.

Mrs. Tucker AYE  
Mr. Ayers AYE  
Mr. Pugh AYE  
Mr. Campbell AYE  
Ms. Moore ABSENT

**XV. Adjournment**

By motion of Supervisor Pugh and with the following vote, the Board adjourned at 5:30 p.m.

AYE:	Mrs. Tucker, Mr. Ayers, Mr. Pugh and Mr. Campbell
NAY:	None
ABSENT	Ms. Moore
ABSTAIN:	None

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Claudia D. Tucker, Chair  
Amherst County Board of Supervisors

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Dean C. Rodgers, Clerk

**Board of Supervisors**

Claudia D. Tucker, Chair  
District 2  
L. J. Ayers III, Vice-Chair  
District 3  
David W. Pugh, Jr., Supervisor  
District 4  
Kenneth M. Campbell, Supervisor  
District 1  
Jennifer R. Moore, Supervisor  
District 5



**County Administrator**  
Dean C. Rodgers

**County Attorney**  
Michael W. S. Lockaby

**AMHERST COUNTY BOARD OF SUPERVISORS**

**MINUTES**

AGENDA

September 4, 2018  
Administration Building - 153 Washington Street - Public Meeting Room  
Amherst, Virginia 24521  
Informal Luncheon – 12:00 p.m.  
Meeting Convened - 1:00 p.m.

- I. **Call to Order**
- II. **Approval of Agenda**
- III. **Invocation and Pledge of Allegiance**
- IV. **Citizen Comment**
- V. **Consent Agenda**
  - A. Minutes – July 17, 2018
  - B. Region 2000 Name Change
  - C. Appropriation of Revenue – Sheriff's Office
  - D. FY 2018 Appropriation for Treasurer
  - E. FY 2018 Solid Waste Transfer
- VI. **Old Business**
  - A. Landfill Construction
  - B. Business Friendliness Initiative
  - C. Report – Board of Supervisors Retreat
- VII. **New Business**
  - A. Pleasant View School Purchase Contract
  - B. New Charter – Amherst County School Board and Board of Supervisors Joint Board Committee & CAC – Regulation 1-3
  - C. HealthWorks EAP Contract
  - D. Benefits Consultant Contract
  - E. Appropriation for LEAD Training
  - F. Appropriation for Park Repairs
  - G. Grounds Division Expenses
- VIII. **County Administrator's Report**
  - A. Boards/Commissions/Committees – upcoming vacancies
- IX. **County Attorney's Report**
  - A. Arcadis/Exxon Remediation Program



## **BOOK 36**

MINUTES – September 4, 2018

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### **X. Liaison and Committee Reports**

- A. Lynchburg Regional Business Alliance Report
- B. Building Committee Report – Kenneth Campbell

### **XI. Departmental Report**

- A. County Fair Report – Vanessa Angus
- B. General Fund Availability
- C. Budget Status Report as of June 30, 2018

### **XII. Citizen Comment**

### **XIII. Matters from Members of Board of Supervisors**

### **XIV. Closed Sessions**

A. A closed session, pursuant to Section 2.2-3711(A)(1) of the Code of Virginia, 1950, as amended, for the purpose of discussion, consideration, and interviews of potential appointees to the Planning Commission.

B. A closed session, pursuant to Section 2.2-3711(A)(3) of the Code of Virginia, 1950, as amended, for the purpose of discussion or consideration of the acquisition of real property for a public purpose, or of the disposition of publicly held real property, where discussion in an open meeting would adversely affect the bargaining position or negotiating strategy of the public body, specifically relating to the Sardis Convenience Center property.

C. A closed session, pursuant to Section 2.2-3711(A)(3) of the Code of Virginia, 1950, as amended, for the purpose of discussion or consideration of the acquisition of real property for a public purpose, or of the disposition of publicly held real property, where discussion in an open meeting would adversely affect the bargaining position or negotiating strategy of the public body, specifically relating to the Winton Country Club property.

### **XV. Adjournment**

## **MINUTES**

At a Regular Meeting of the Amherst County Board of Supervisors and held at the Amherst County Administration building, Amherst, Virginia, thereof on Tuesday, the 4<sup>th</sup> day of September, 2018, at 1:00 p.m., the following members were present:

### **BOARD OF SUPERVISORS:**

PRESENT: Claudia D. Tucker, Chair  
L. J. Ayers, III, Vice-Chair  
David W. Pugh, Jr., Supervisor  
Kenneth M. Campbell, Supervisor  
Jennifer R. Moore, Supervisor

ABSENT: None

STAFF PRESENT: County Administrator Dean C. Rodgers, Deputy County Administrator David R. Proffitt; County Attorney Michael W. S. Lockaby; and Executive Assistant Regina M. Rice

OTHERS PRESENT: Ms. Lynn Klappich, CSI, CCCA, Draper Aden Associates  
Human Resource Director Linda Warner  
Finance Director Stacey Wilkes

### **I. Call to Order**

Chair Tucker called the meeting to order at 1:00 p.m.

### **II. Approval of Agenda**

By motion of Vice-Chair Ayers and with the following vote, the Board approved the Agenda for September 4, 2018.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell, and Ms. Moore  
NAY: None  
ABSTAIN: None

**III. Invocation and Pledge of Allegiance**

Vice-Chair Ayers led the Invocation and Pledge of Allegiance.

**IV. Citizen Comment**

Mr. Bill Peters of Amherst, Virginia, addressed the Board, and asked about a report on the Supervisors' retreat, specifically regarding a statement made by the facilitator referring to a strategic plan produced by the County Administrator. Mr. Peters asked the Board what this was.

Mr. Peters asked about Pleasant View School and what Mr. Lloyd intended to do with the property. He said he lives in that neighborhood and requested an answer.

Chair Tucker stated that the Board would take his questions under advisement and respond.

The public comment session was closed.

**V. Consent Agenda**

- A. Minutes – July 17, 2018
- B. Region 2000 Name Change
- C. Appropriation of Revenue – Sheriff's Office
- D. FY 2018 Appropriation for Treasurer
- E. FY 2018 Solid Waste Transfer

By motion of Supervisor Pugh and with the following vote, the Board approved the Consent Agenda for September 4, 2018.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSENT: None

**VI. Old Business**

- A. Landfill Construction

County Administrator Rodgers addressed the Board and said the decision before the Board is to begin construction of the next landfill cell.

Mr. Rodgers explained the option of closing the landfill and constructing a transfer station. Draper Aden Associates provided a report that concluded transfer stations have lower costs and liabilities than operating a landfill.

Ms. Lynn Klappich of Draper Aden Associates addressed the Board and provided a review of the three options which were presented at the June 5, 2018 Board of Supervisors' meeting. Those options were: Option 1 - Continued Operation; Option 2 – Operation by Private Operator; (Note: Option 2 was dropped due to lack of bids received by the County); and Option 3 – Transfer Station.

Ms. Klappich then presented a PowerPoint presentation that outlined four key elements: the loan, use of reserves, VDEQ compliance; and additional operational costs. (See Attachment 1)

Ms. Klappich discussed each of those four key elements:

- 1) Loan - was originally for the construction of Cell 2, but could be re-assigned for a transfer station, closure of Cell 1 or area stabilization.
- 2) Reserve Fund – could be used for pre and post closure of Cell 1 and to purchase equipment.
- 3) VDEQ Compliance - DEQ will continue to inspect closely the landfill due to one notice of violation and three warning letters, which were issued within two years.
- 4) Additional Operational Costs – potential increase costs including staff, equipment, fuel, and remediation of groundwater.

M.s Klappich said the Green Ridge Recycling and Disposal Facility in Cumberland County, which County Waste has publically disclosed to DEQ, could be operational in two to three years.

Ms. Klappich said that if the decision is to open Cell 2, this will need to occur soon, at least by February 2019 and certificate to operate by December 2019.

Ms. Klappich advised the Board on Option 3, a transfer operation. She said a transfer station could be completed in 2020, and by 2021, the County would have to initiate closure activities for the landfill. The cost of building a new transfer station would be \$1.6 million.

The Board discussed issues pertaining to the cost of building a transfer station, operating costs, and fuel costs, and issued related to opening Cell 2 and keeping the landfill operational.

Chair Tucker asked Ms. Klappich for a recommendation. Ms. Klappich said she believed it would be an appropriate time for the County to consider a transfer operation.

Chair Tucker made a motion to redirect funding for landfill construction cell closure to transfer station construction.

Supervisor Pugh stated he would like to schedule a public hearing to receive public comment due to the substantial amount of money the County would be investing.

Supervisor Campbell stated he was in favor of building a transfer station.

Supervisor Moore stated she would like to have public feedback.

Chair Tucker withdrew her motion on the floor, and made another motion to direct staff to schedule a public hearing at next meeting.

By motion of Chair Tucker and with the following vote, the Board directed staff to schedule a public hearing for an upcoming meeting on this topic.

AYE:	Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore
NAY:	None
ABSENT:	None

As a notation to these minutes, a Town Hall Meeting will be held on October 2, 2018 at 7:00 p.m. for public comment.

B. Business Friendliness Initiative

County Administrator Rodgers presented a list of items that the Board prioritized and ranked on specific projects. **(See Attachment 2)**

Mr. Rodgers explained that the EDA had made 17 recommendations regarding the County's business friendliness. He then said that staff would then take the entire list for action unless the Board wanted to make any changes.

Chair Tucker commented it would best to work on the first five and asked that staff begin working on those.

Vice-Chair Ayers agreed with Chair Tucker and said he believed it would be advantageous to work on the first five as a defined section.

Supervisor Campbell said he would start with the first four and work down the list.

Supervisor Pugh said wanted to do the first five on the list, then see where we are.

Supervisor Moore wanted to know how long it would take for staff to work on this.

Chair Tucker then asked that staff provide updates to the Board with a monthly report.

By motion of Supervisor Campbell and with the following vote, the adopted the prioritization of initiatives that has been agreed to and directed staff to begin taking action to implement the first five, as appropriate, to keep the county moving toward on improved business friendly reputation.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSENT: None

C. Report – Board of Supervisors Retreat

County Administrator Rodgers summarized three of the most important goals for the county; 1) promote agriculture; 2) promote business growth; and 3) promote a sense of community.

Mr. Rodgers recommended re-establishing the Agricultural Committee and he would provide a charter to give Agricultural Committee to continue to run the County fair and initiate a farmer's market.

Mr. Rodgers asked the Board to direct staff to advertise for individuals to sit on the Agricultural Committee. He asked the Board to help find the right people to turn agri-business and agri-tourism into another aspect of the County's economy.

By motion of Supervisor Pugh and with the following vote, the Board directed staff to modify the Agriculture Charter as proposed and undertake advertising to seat new members on the Agriculture Committee.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSENT: None

**VII. New Business**

**A. Pleasant View School Purchase Contract**

County Administrator Rodgers reported that the County received one offer to purchase the Pleasant View School property. Mr. Harold Lloyd, who owns land adjacent to the school property, offered \$250,000 for the school building and ten acres of land. The County had the property professionally appraised and it was appraised at \$170,000 as warehouse space in a remote location.

By motion of Supervisor Pugh and with the following vote, the Board directed staff to schedule a public hearing for the disposal of the Pleasant View School property as proposed in the sale contract.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSENT: None

**B. New Charter – Amherst County School Board and Board of Supervisors Joint Board Committee & CAC – Regulation 1-3**

County Administrator Rodgers advised a charter was created to explain the purpose and function of the committee and to give voting privileges to the School Superintendent and the County Administrator. This committee will meet quarterly.

By motion of Vice-Chair Ayers and with the following vote, the Board approved the JBC charter and amendments to Regulation 1-3 as presented.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSENT: None

The Board nominated Board Members Tucker and Moore to serve on this committee.

By motion of Vice-Chair Ayers and with the following vote, the Board nominated Claudia Tucker and Jennifer Moore to serve as the Board of Supervisors' representatives on the Amherst County School Board and Board of Supervisors Joint Board Committee.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSENT: None

**C. HealthWorks EAP Contract**

Human Resource Director Linda Warner addressed the Board regarding a new provider for the employee assistance program service for County employees.

Ms. Warner advised HealthWorks allows access to the Centra network for referrals and will provide services that the County needs.

By motion of Vice-Chair Ayers and with the following vote, the Board approved the contract with HealthWorks for employee assistance program services effective September 5, 2018.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSENT: None



D. Benefits Consultant Contract

Human Resource Director Linda Warner addressed the Board regarding a benefits consultant contract.

Ms. Warner explained four consulting services were interviewed to provide an employee benefits consulting service. She said that Innovative Insurance Group was selected because it was the best fit for the County and had HR user-friendly software.

County Administrator Rodgers explained that \$25,000 was previously appropriated for the contract, however, the County did not receive any bids at this price. He asked for an additional \$10,000 for the contract, which would total \$35,000.

By motion of Chair Tucker and with the following vote, the Board approved the contract with Innovative Insurance Group effective September 5, 2018 for employee benefits consulting services and appropriated \$10,000 from the Unobligated General Fund Balance to cover the cost.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSENT: None

E. Appropriation for LEAD Training

County Administrator Rodgers explained to the Board that the LEAD program provides advance executive training for department heads and supervisors.

Mr. Rodgers said he would like to send the new Public Safety Director and Building Official to this training, and the cost for sending staff for LEAD training would be \$13,650.

Chair Tucker requested that this expense be built into next year's budget.

By motion of Supervisor Campbell and with the following vote, the Board appropriated \$13,650 for staff LEAD training from the Unobligated General Fund Balance.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSENT: None

F. Appropriation for Park Repairs

County Administrator Rodgers addressed the Board and explained the bridge owned by Amherst County over the James River from Percival's Island needs to be inspected for wear.

An engineering firm has been identified to conduct an analysis of the bridge at a cost of \$13,900.

By motion of Vice-Chair Ayers and with the following vote, the Board appropriated \$13,900 for the inspection of the Heritage Trail bridge from the Unobligated General Fund Balance.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSENT: None

G. Grounds Division Expenses

Finance Director Wilkes addressed the Board and explained that the Grounds Division is lacking an office. The expense to set up an office at the Monroe Community Center would be \$8,000. She advised there are currently three staff with the Grounds Division.

By motion of Supervisor Moore and with the following vote, the Board appropriated \$8,000 for the Community Enhancement division expenses from the Unobligated General Fund Balance.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSENT: None

**VIII. County Administrator's Report**

A. Boards/Commissions/Committees – upcoming vacancies

For the Board's information only.

B. Projects Status Report

For the Board's information only.

**IX. County Attorney's Report**

A. Arcadis/Exxon Remediation Program

County Attorney Lockaby advised the Board of a remediation program by Exxon Mobil for removal of hazard waste from a former fertilizer plant located on Fertilizer Road, Madison Heights, Virginia.

The County currently uses a part of this property as a trail, and therefore, it would require a public hearing to be held on September 18, 2018.

Mr. Lockaby explained this is to grant a covenant to both Exxon Mobil and DEQ. It would allow DEQ to periodically inspect the property and require Exxon Mobil to clean it up if future contamination was found. Also, the County would not allow any residential homes to be built on the property.

By motion of Vice-Chair Ayers and with the following vote, the Board directed staff to schedule a public hearing on September 18, 2018.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSENT: None

**X. Liaison and Committee Reports**

A. Lynchburg Regional Business Alliance Report

B. Building Committee Report – Kenneth Campbell

Supervisor Campbell advised the Building Committee is on schedule and is under budget. The work on all the school roofs has been completed except for Amherst County High School, which has a few problems to be fixed.

**XI. Departmental Report**

A. County Fair Report – Vanessa Angus

Amherst County Chamber of Commerce Director Vanessa Angus addressed the Board and provided an update regarding the Amherst County Fair held on August 16-19, 2018. **(See Attachment 3)**

Ms. Angus said she received positive feedback and asked for Board's support on planning the 2019 County Fair.

B. General Fund Availability

Finance Director Wilkes provided the Board a quarterly report of unobligated funds in the current fiscal year.

C. Budget Status Report as of June 30, 2018

Finance Director Wilkes provided the Board a draft quarterly budget status report of revenues and expenses through June 30, 2018.

**XII. Citizen Comment**

Mr. Jim Thompson of Madison Heights, Virginia addressed the Board and commented he attended the County fair. He was not disappointed and the County did a fabulous job.

Mr. Bill Peters of Amherst, Virginia, addressed the Board and asked about the strategic plan what was mentioned at the Supervisors' retreat. He asked the Board what was the strategic plan and believed that was something the public did not have any information on.

County Administrator Rodgers explained that last year, the Board came up with their objectives, and then the Leadership group created specific objectives to achieve those six goals. The Board then narrowed it down to three. Those items will be built into next year's budget.

Mr. Peters commented on the Board holding town hall meetings, which is in the Board's Rules of Procedures, and he said the time was now.

**XIII. Matters from Members of Board of Supervisors**

Supervisor Moore had no matter to discuss.

Supervisor Campbell said he has received a call from a citizen living on Galts Mill Road who reported that the railroad has not cleaned their ditches for several years, which has created a mosquito problem. Supervisor Campbell asked Mr. Bryant or Mr. Rodgers to contact the DEQ.

Supervisor Campbell also mentioned that the trains are blowing horns at all crossings and this has bothered some citizens.

County Attorney Lockaby said that the railroad has to follow federal law rather than state law.

Chair Tucker asked Mr. Rodgers to look into this matter.

Supervisor Pugh had no matter to discuss.

Vice-Chair Ayers asked whether folks can serve on a local fire department and also a full time employee with the same employer.

County Attorney said you cannot do the same job as a paid person and as a volunteer for the same employer. He said it was questionable to have a person as a volunteer firefighter but paid

EMS employee, and would be more of a management problem. Mr. Lockaby said he would research to see whether the law has changed.

Chair Tucker had no matter to discuss.

**XIV. Closed Session**

A. A closed session, pursuant to Section 2.2-3711(A)(1) of the Code of Virginia, 1950, as amended, for the purpose of discussion, consideration, and interviews of potential appointees to the Planning Commission.

B. A closed session, pursuant to Section 2.2-3711(A)(3) of the Code of Virginia, 1950, as amended, for the purpose of discussion or consideration of the acquisition of real property for a public purpose, or of the disposition of publicly held real property, where discussion in an open meeting would adversely affect the bargaining position or negotiating strategy of the public body, specifically relating to the Sardis Convenience Center property.

Supervisor Moore moved that the Amherst County Board of Supervisors convene in closed session pursuant to Section 2.2-3711(A)(1) of the Code of Virginia, 1950, as amended, for the purpose of discussion, consideration, and interviews of potential appointees to the Planning Commission; and a closed session, pursuant to Section 2.2-3711(A)(3) of the Code of Virginia, 1950, as amended, for the purpose of discussion or consideration of the acquisition of real property for a public purpose, or of the disposition of publicly held real property, where discussion in an open meeting would adversely affect the bargaining position or negotiating strategy of the public body, specifically relating to the Sardis Convenience Center property.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSTAIN: None

Supervisor Moore motioned to come out of closed session and was approved with the following vote:

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSENT: None

**CERTIFICATION OF CLOSED MEETING**

Supervisor Moore moved that the Amherst County Board of Supervisors certify by a recorded vote that, to the best of each Board member's knowledge, only public business matters lawfully exempted from the open meeting requirements of the Virginia Freedom of Information Act and identified in the motion authorizing the closed session were heard, discussed, or considered in the closed session.

Mrs. Tucker AYE  
Mr. Ayers AYE  
Mr. Pugh AYE  
Mr. Campbell AYE  
Ms. Moore AYE

Supervisor Pugh stated there was much deliberation on the selection of an applicant to fill the District 4 vacancy on the Planning Commission. Supervisor Pugh thanked Mr. John Lange and Mr. Michael Bryant for taking the time to be interviewed. Supervisor Pugh said the Board selected Mr. Michael Bryant as the District 4 representative on the Planning Commission.

By motion of Supervisor Pugh and with the following vote, the Board appointed Mr. Michael Bryant to the District 4 vacancy on the Planning Commission.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSENT None

C. A closed session, pursuant to Section 2.2-3711(A)(3) of the Code of Virginia, 1950, as amended, for the purpose of discussion or consideration of the acquisition of real property for a public purpose, or of the disposition of publicly held real property, where discussion in an open meeting would adversely affect the bargaining position or negotiating strategy of the public body, specifically relating to the Winton Country Club property.

Supervisor Moore moved that the Amherst County Board of Supervisors convene in closed session pursuant to Section 2.2-3711(A)(3) of the Code of Virginia, 1950, as amended, for the purpose of discussion or consideration of the acquisition of real property for a public purpose, or of the disposition of publicly held real property, where discussion in an open meeting would adversely affect the bargaining position or negotiating strategy of the public body, specifically relating to the Winton Country Club property.

AYE: Mrs. Tucker, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSTAIN: None  
ABSENT: Mr. Ayers

The record reflects that Vice-Chair Ayers recused himself from Closed Session Item C. specifically relating to the Winton Country Club property.

Supervisor Moore motioned to come out of closed session and was approved with the following vote:

AYE: Mrs. Tucker, Mr. Pugh, Mr. Campbell and Ms. Moore  
NAY: None  
ABSTAIN: None  
ABSENT Mr. Ayers

#### **CERTIFICATION OF CLOSED MEETING**

Supervisor Moore moved that the Amherst County Board of Supervisors certify by a recorded vote that, to the best of each Board member's knowledge, only public business matters lawfully exempted from the open meeting requirements of the Virginia Freedom of Information Act and identified in the motion authorizing the closed session were heard, discussed, or considered in the closed session.

Mrs. Tucker	AYE
Mr. Ayers	ABSENT
Mr. Pugh	AYE
Mr. Campbell	AYE
Ms. Moore	AYE

#### **XV. Adjournment**

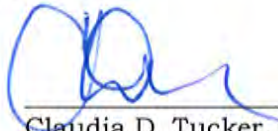
By motion of Supervisor Campbell and with the following vote, the Board adjourned at 3:31p.m.

AYE: Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell, and Ms. Moore  
NAY: None  
ABSENT None

**BOOK 36**

MINUTES – September 4, 2018

P a g e | **576**



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Claudia D. Tucker, Chair  
Amherst County Board of Supervisors



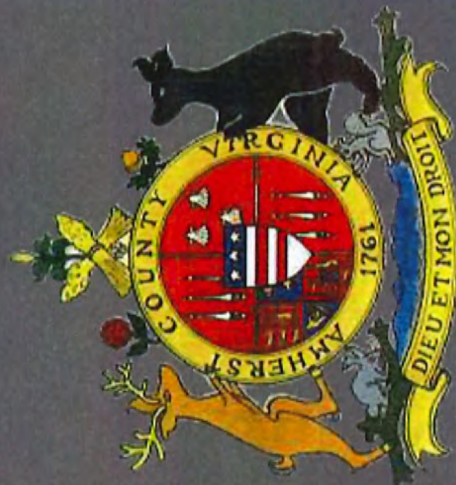
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Dean C. Rodgers, Clerk



# Amherst County Solid Waste Program

Disposal Option Evaluation  
Additional Information  
September 4, 2018





# Purpose of Meeting

To review:

- Options
- Additional information
- Schedule for implementation

Critical elements for decision making:

- Loan
- Use of reserves
- VDEQ compliance
- Additional operational costs



Draper Aden Associates  
Engineering • Surveying • Environmental Services



# Loan

**County has loan with BB&T for \$3,979,610.**

- What is the best use of the loan?
- Originally established for construction of Cell 2.
- Could be re-assigned for other solid waste related activities:
  - Transfer station
  - Closure of Cell 1
  - Borrow area stabilization



Draper Aden Associates  
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# Reserve Fund

**County has an unrestricted reserve fund of \$4,400,000 for solid waste program.**

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- Landfill option – reserve fund assigned to pre-fund closure and post closure care reserve.
- Transfer option – reserve fund assigned to pre-fund post closure care for Cell 1 and to purchase equipment.



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Engineering • Surveying • Environmental Services



# VDEQ Compliance

County has received 1 NOV and 3 warning letters from VDEQ over past 2 years.

- Issues have included:
  - Size of working face
  - Sufficient stockpiles of soil
  - Daily and intermediate cover
  - Configuration of landfill surface
  - Storm water management – erosion
  - Groundwater remediation
  - Leachate management
- Scrutiny by DEQ will continue.
- Operational challenges will continue.



Draper Aden Associates  
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# Additional Operational Costs

**FY 2019 will be first year with full staffing and equipment under continued scrutiny by DEQ**

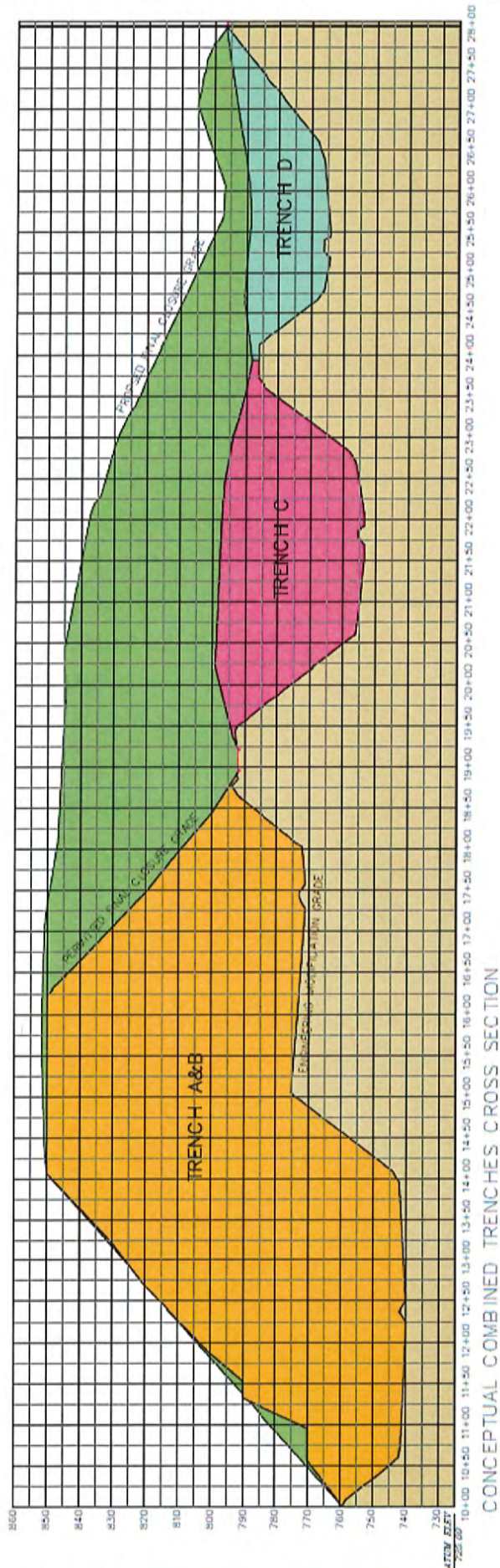
- Potential increases in operational costs include:
  - Overtime to assure operational permit requirements are met
  - Fuel
  - Equipment maintenance and repair
  - Increase in leachate production
  - Groundwater remediation (if needed)



Draper Aden Associates  
Engineering • Surveying • Environmental Services



# Option 1 Continued Landfill Operations



Graphic is example only and does not represent existing permit conditions.



# Option 3 Transfer to Out of County LF





# Overview of Findings

ITEM	TOTAL ESTIMATED COST FY 2019– FY 2037	COST OF SERVICE (\$/TON)
Option 1– Landfill Operations	\$45,199,300	\$97
Option 3– Transfer to Region	\$44,111,100	\$94
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A difference in \$10/ton over the length of the planning period represents an annual savings of about \$246,000 per year.

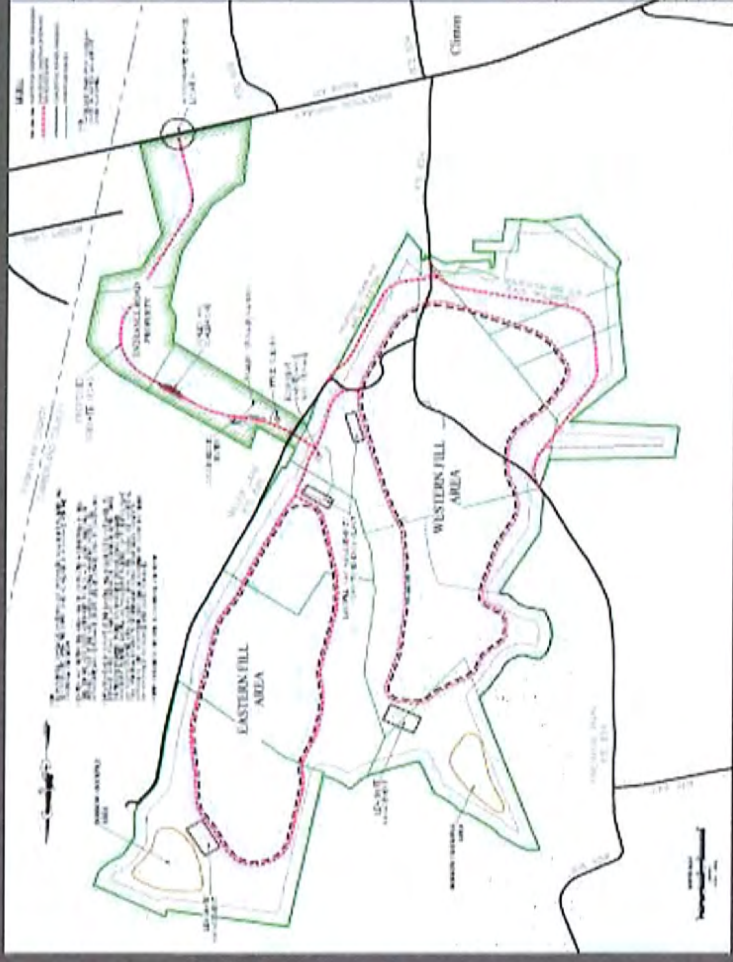
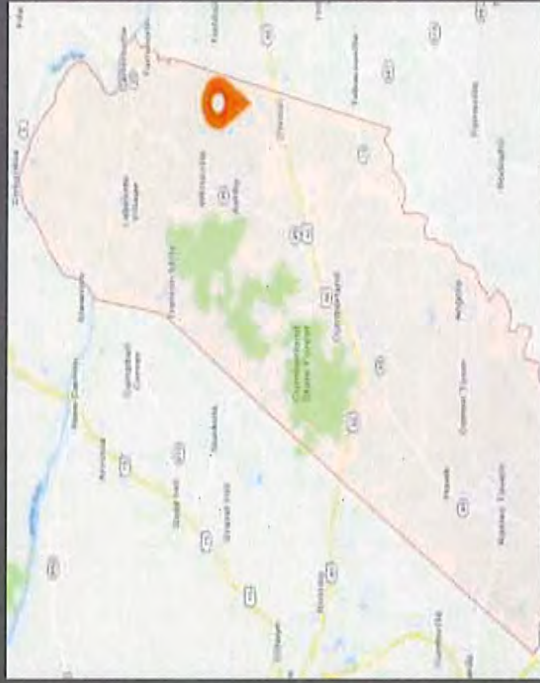


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# Additional Information

- COUNTY WASTE OF VIRGINIA
  - Green Ridge Recycling and Disposal Facility in Cumberland County
  - 3,500– 5,000 ton per day facility primarily for the use of County Waste
  - County approvals received
  - Permitting initiated
  - Operational in 2– 3 years
  - No tipping fees set at this time
  - Closest private landfill in region



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# Transfer Distances

## Distance from Amherst Landfill site to:

- Region 2000 landfill (public): 21 miles
- Proposed Green Ridge (private): 67 miles
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# Schedule

## OPTION 1 – CELL 2 CONSTRUCTION

- December, 2018 County E&S approval
- February, 2019 Bid project
- April, 2019 Notice to proceed
- October, 2019 Substantial completion
- December, 2019 Certificate to operate





# Schedule

## OPTION 3 – TRANSFER OPERATIONS

- Maintain landfill operations through FY 2020
- FY 2019
  - Design facility
- March, 2019
  - Bid project
- June, 2019
  - Notice to Proceed
- March, 2020
  - Substantial Completion
- June, 2020
  - Final permit and CTO
- FY 2021
  - Initiate closure activities







# QUESTIONS AND ANSWERS

Presented by:  
Lynn Klappich, CSI, CCCA  
September 4, 2018

ID #	Recommendations	Department	Cost Est.		EDA	Moore	Pugh	Ayers	Campbell	Tucker	Board		Comments
2	Review ordinances and special exceptions and make recommendations	Community Dev.	Staff time		2	2	1	1	1	1	8	1	
3	Consultant to study the best tax structure, fees, and incentives for the County	EDAComm. Of Revenue	\$10,000		3	6	2	2	3	2	18	2	
1	Policy instead of ordinances for flexibility in decision making	Board of Supervisors	Staff time		1	1	5	3	2	7	19	3	
5	Website review for business friendliness for County and Constitutional	EDACIT	Staff time		5	4	9	4	4	3	29	4	
6	Industry specific start up kits. Checklist/Guide for permits/processes, offer classes and provide personal guidance through permitting/project processes	EDA	\$6000 & Staff time		6	5	6	5	6	10	38	5	
4	More decision making authority for Director of Comm. Development	Community Dev.	Staff time		4	3	10	10	5	8	40	6	
8	Communicate with VDOT officials about County business related issues	Community Dev.	Staff time		8	7	4	11	7	11	48	7	
13	Pre-development meetings with key departments & organizations	Community Dev.	Staff time		13	9	3	9	10	15	59	8	
14	Provide business resource & financing information to small businesses	EDA	\$2000 & Staff time		14	10	7	8	11	13	63	9	
7	Administration Building entrance assistance for visitors: staff, volunteer, signage, kiosk option	Admin.	TBD		7	16	11	6	17	9	66	10	
12	Customer service training for County and Constitutional staff	HR	\$1,300		12	13	12	7	8	16	68	11	
15	Unify County merchant services for credit card fees	Finance/IT	TBD		15	11	13	12	13	5	69	12	
10	Digital signs in key areas of the County	Chamber/Tourism	\$30-100,000		10	8	16	16	16	4	70	13	
11	Buy local campaign	Chamber	\$2,500		11	14	8	14	14	12	73	14	
16	Quarterly meetings with key departments and Constitutional that interact with businesses	EDA	Staff time		16	12	4	15	12	14	73	14	
9	Reevaluate the drain field requirements to match State requirements	Community Dev.	Staff time		9	15	17	13	9	17	80	15	
17	Produce a video of local businesses for publicity before public meetings/schools	Chamber, Tourism&EDA	\$3,500		17	17	14	17	15	6	86	16	
										0			





## Amherst County Fair 2018 Stats

ATTACHMENT 3



- Approximately 15,000 individuals attended the County Fair!
- 42 sponsors supported the 2018 County Fair, totaling \$59,618 (\$23,920 in monetary donations and \$35,698 in in-kind donations)
- 52 vendors (food and non-food)
- Approximately 275 individuals volunteered over the course of the event
- The books and bottom line are being reconciled.
- We were expecting \$40,000 in gross ride ticket sales based on the midway's (amusement ride company) projection for a first time Fair in a rural community. We more than doubled their projection, grossing approximately \$92,000 in ride ticket sales!
- Public Feedback from Surveys Completed at the Fair, Social Media, and In-Person
  - Overwhelmingly Positive
  - Many pleas to have it be an annual event
  - Many remarks on the successful promotion of the event
  - General Consensus of the Best Features:
    - Rides
    - Food
    - Music
    - Petting Zoo/Animals
    - Kids Zone
    - Vendors
    - Safety
    - Country Atmosphere
  - General Consensus on How to Improve:
    - Add more Rides (kiddie and adult rides)
    - Add more Vendors
    - Add more Parking
    - Add more days/hours to the event
    - Open fairground and rides at the same time
  - The following lists a summary of the overall rating of the event provided by fairgoers during the event via boots-on-the-ground hard copy surveys. 10 being Excellent >>>> 1 being Poor
    - 87 individuals surveyed rated the event a 10 – Excellent
    - 29 individuals surveyed rated the event a 9
    - 50 individuals surveyed rated the event an 8
    - 31 individuals surveyed rated the event a 7
    - 13 individuals surveyed rated the event a 6
    - 16 individuals surveyed rated the event a 5
    - 1 individual surveyed rated the event a 4
    - 3 individuals surveyed rated the event a 3
    - 0 individuals surveyed rated the event a 2 or 1 – Poor
    - 35 individuals completed the survey but did not provide an overall rating
  - The majority of the people surveyed resided in Amherst County.
  - The second highest attendance of those surveyed came from residents of Lynchburg.
  - Some of the individuals surveyed resided as far away as Norfolk, Virginia Beach, Williamsburg, Warrenton, Burlington NC, and Beauerton, OR

## Memorandum

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**To:** Mr. Dean Rodgers, County Administrator  
**From:** Ms. Lynn Klappich, Program Manager  
**Date:** August 16, 2018  
**Project Name:** Amherst County Options Evaluation  
**Project Number:** B05176-09  
**Subject:** Virginia Landfill Information  
**cc:** David Proffitt, Keith Stevens, Don Marickovich, P.E.

---

As requested, Draper Aden Associates is providing information on landfills in Virginia. Attached you will find the following two tables:

- Table 1 - VDEQ 2017 Annual Report – Summary of Landfills in Virginia
- Table 2 – Summary of Similar Landfills – Select Information

Table 1 provides an overview of all the landfills in Virginia by annual tonnage (2017) and life left. Landfills are listed from smallest tonnage to largest tonnage. There are a total of 47 active sanitary landfills in Virginia with the Amherst County landfill ranking 11<sup>th</sup> in size. Seventy-seven percent of landfills in Virginia are larger than the Amherst County landfill based on tonnage as reported in 2017.

Table 2 was prepared to provide background information on a select set of landfills of similar tonnage to the Amherst facility. As review of this table will indicate, solid waste programs are very difficult to compare given the variety of budgets, operations, and funding mechanisms. To try for a more consistent comparison, some of the budgets for the other facilities have been adjusted to try to capture disposal costs only; however the notes should be considered closely as this was not always possible.

Relative to the Amherst cost per ton in Table 2, this is only the operational budget for FY 2019 exclusive of any debt service, reserves, payments to third parties for assistance with operations or future liabilities (e.g. closure and post-closure care costs). As Table A-2 in the Options Evaluation indicated, the County's solid waste operations (landfill, collections and recycling) has typically run a deficit of over a million dollars annually which is supplemented by the General Fund. Thus, the \$30/ton indicated in Table 2 does not tell the full story of the costs of the solid waste program or even landfill operations for Amherst County.

Please review this memorandum at you convenience and let me know if you need any additional information.

**TABLE 1**  
**VDEQ 2017 ANNUAL REPORT**  
**SUMMARY OF LANDFILLS IN VIRGINIA**

**Tonnage and Remaining Life**

NO.	LANDFILL	PERMIT NO.	TONNAGE	LIFE REMAINING
1	Botetourt County LF	582	970	7
2	Franklin County LF	577	2,697	32
3	Fauquier County 575	575	7,903	37
4	Covington - Peters Mountain LF	594	12,850	28
5	Nottoway County LF	304	19,253	18
6	Louisa County LF	567	19,646	22
7	Virginia Beach LF	398	21,826	74
8	Orange County LF	566	22,125	34
9	Greensville County LF	405	24,338	16
10	Prince Edward County LF	584	25,076	8
11	Amherst Counth LF	563	30,351	14
12	SPSA LF	417	34,078	7
13	Accomack County Northern LF	461	36,577	41
14	Carroll Grayson Galax Regiona landfill	605	37,584	53
15	Pittsylvania County LF	571	40,656	18
16	Tazewell County LF	564	40,769	8
17	Wise County LF	513	41,835	10
18	Blue Ridge Resource Authority	75	42,036	60
19	Franklin County LF	72	46,678	1
20	Shenandoah County LF	469	47,161	29
21	Battle Creek Landfill (Page Co.)	579	48,619	60
22	Bedford County LF	560	52,868	4
23	SRPSA LF	598	69,913	29
24	Disposal and Recycling servies of Lunenburgh (Private)	544	96,817	5
25	Interstate 95 LF (Fairfax)	103	100,564	42
26	New River Resource Authority	548	104,817	4
27	Frederick County LF	529	121,801	28
28	Rockingham County LF	62	124,912	2
29	Spotsylvania County LF	547	127,890	6
30	Augusta regional landfill	585	135,352	36
31	Bristol LF	588	138,905	27
32	Loudoun County LF	1	147,079	65
33	Region 2000	610	187,550	12
34	Brunswick Waste Management Facility (Republic)	583	198,961	103
35	Rappahannock Regional SWM LF	589	206,694	39
36	Smith Gap Regional LF	555	234,079	24
37	Tri-City Regional LF (Private)	228	278,493	4
38	Maplewood LF (Private)	540	393,154	150
39	Prince Willian County LF	29	488,567	13
40	BFI Old Dominionn LF	553	492,823	35
41	Middle Peninsula LF (Private)	572	517,590	50
42	USA Waste of VA LF - Techel	580	617,978	92
43	Charles City County Landfill	531	649,482	39
44	King and Queen LF (Private)	554	709,993	22
45	Atlantic Waste (Private)	562	998,072	74
46	Shoosmith LF (Private)	587	1,192,705	31
47	King George LF (Private)	586	1,727,162	31

<b>TABLE 2</b>						
<b>AMHERST COUNTY</b>						
<b>SUMMARY OF SIMILAR LANDFILLS (20,000 to 39,999 tons per year)</b>						
Select information from Internet search. Note significant variability between solid waste programs making comparisons difficult.						
LOCALITY	ANNUAL TONNAGE (CY 2018 - DEQ SWIA information)	LANDFILL OPERATING BUDGET (FY 2019)*	\$/TON (May not reflect true cost of service)	RESIDENTIAL TIPPING FEE (Per ton)	COMMERCIAL RATE (Per ton)	COMMENTS
Amherst County	30,351	\$911,413	\$30	\$0.00 (1 ton free per month); \$53/ton if over	\$44.00	Commercial rate includes a \$9.00 business credit. Rate listed at \$53/ton; budget does not include debt service, reserves, or contractor activities used to supplement operations handled from the general fund.
Accomack County	36,577	\$2,666,431	\$73	\$75.00	\$75.00	Enterprise fund; Includes transfer station, collections, debt service and post closure costs for older landfill. Could not breakout landfill operations only.
Carroll - Grayson - Galax Solid Waste Authority	37,584	\$1,165,000 (adjusted)	\$31	See comments	\$50.00	Residents that self haul pay fees based on number of bags or trailer size or per ton for bulky material. FY 2019 budget is \$1,900,000 and includes \$275,000 for transfer to economic development fund, \$360,000 for closure reserve fund, and \$100,000 for equipment replacement. Does not include new cell construction which is coming out of reserve fund.
Greensville County	24,338	\$836,588	\$34	Free to residents	\$51.00	\$51/ton for industrial, municipal, commercial waste and ash; Institutional waste is charged \$58/ton. Total FY 2019 budget is \$1,004,000 which includes \$168,041 in capital expenses; \$836,588 for operations of landfill (only)
Louisa County	19,645	\$693,216 (adjusted)	\$35	\$0.00 (0.5 tons free per month); \$45/ton if over	\$52.00	FY 19 budget is \$1,174,929 and includes part time attendants at convenience centers and other activities (\$338,913), and hauling (\$132,800 including recycling), maintenance of refuse sites (\$10,000)
Nottoway County	19,253	\$822,857 (adjusted)	\$43	\$0.00 for residents that deliver directly.	\$37.00	Funded by a utility tax (\$3.00/month per electric meter) and tipping fee. FY 2018 budget total was \$1,849,432 which includes \$1,026,575 for capital outlay. FY 19 budget not available.
Orange County	22,124	\$1,326,575 (adjusted)	\$60	\$0.00 (no charge for loads < 200 pounds; \$52/ton if over	\$52.00	Subsidized by general fund. FY 2018 adopted budget was \$2,680,592 which includes \$860,881 for collections, collection centers, recycling and litter control. Also includes \$493,136 for capital outlay.
Pittsylvania County	40,655	\$1,199,351	\$30	\$41.00	\$41.00	Includes \$882,924 for operations and \$316,427 in debt service carried by County. Total enterprise fund including collections and improvements to collection sites and other capital outlay is \$4,073,940.
Prince Edward County	25,075	\$887,875	\$35	Free to residents if self transported	\$38.50 (see note)	Website references 9/1/12 with a fee of \$38.50/ton; out of County waste is \$44/ton. Subsidized by GF - \$797,428 for FY 2019. does not include collections.
<b>Other landfills in region - for comparison</b>						
Bedford County	52,868	\$1,946,433 (adjusted)	\$37	\$0.00 (0.5 tons free per month); \$2.85/100 pounds over	\$41.00	FY 2019 solid waste fund budget is \$3,068,686 which includes multiple categories. For the disposal operating cost, estimate includes administration which includes all salaries including site attendants (\$928,733), disposal (\$903,200 and internal transfer station (\$114,500).
Region 2000	187,550	\$2,781,103 (adjusted to just operations)	\$15	Members pay \$30.25/ton	\$40.25	FY 2019 budget is \$5,683,312 and includes equipment replacement reserve (\$438,049), other reserves for O&M/planning (\$109,602), reserve funds for closure and post closure care (\$389,567), and debt service (\$1,964,991). Both the Livestock Road landfill which is in operation and the Concord Turnpike landfill which is in post closure care are included in operations.
NOTES:						
*For comparison with Amherst landfill operating budget some of the localities' budgets have been adjusted to remove reserves, debt service or other elements when they could be identified. This information has not been vetted by the localities identified but taken from web research.						

# Amherst County Solid Waste Program

Disposal Option Evaluation  
Additional Information  
September 4, 2018





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# Additional Operational Costs

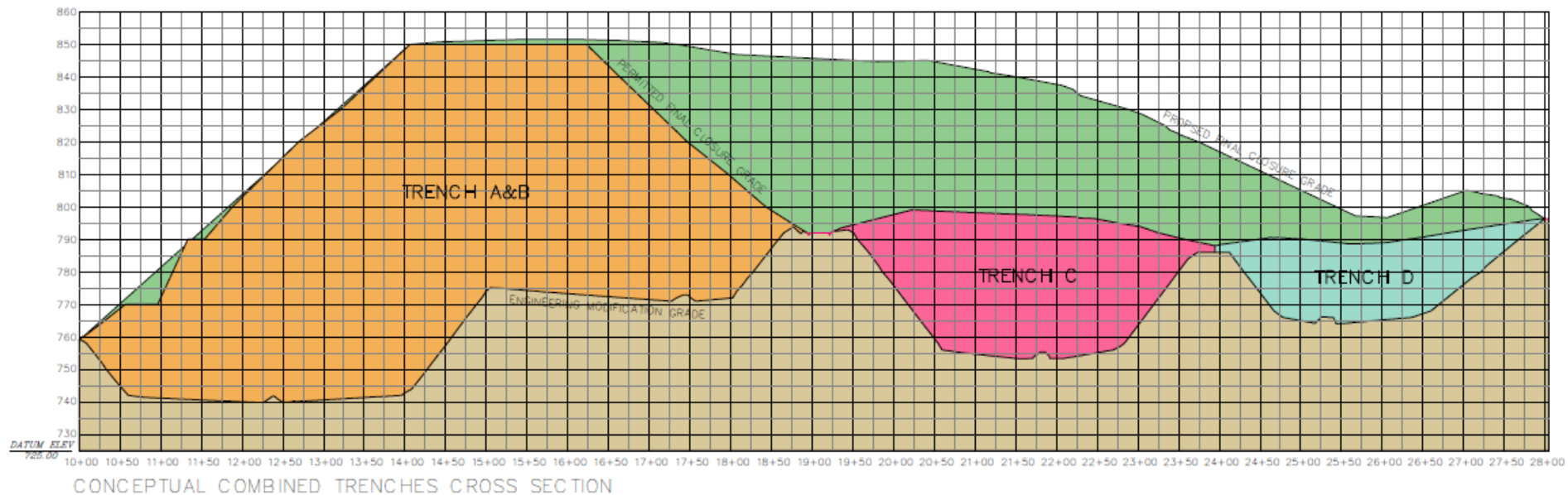
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# Option 1

## Continued Landfill Operations



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Option 3  
Transfer to Out of County LF





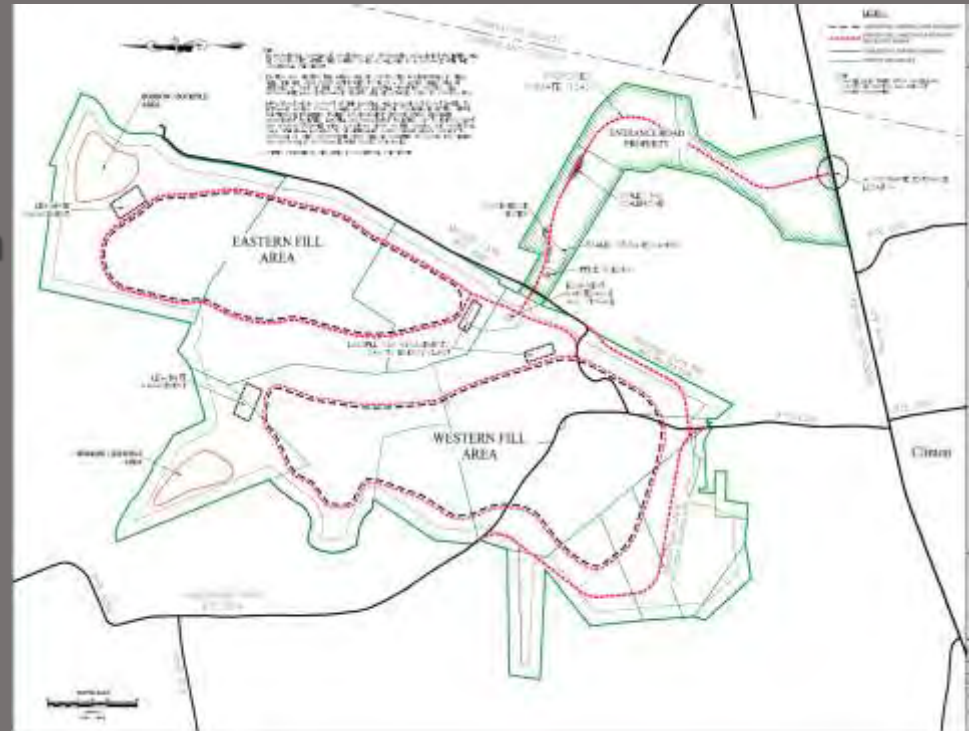
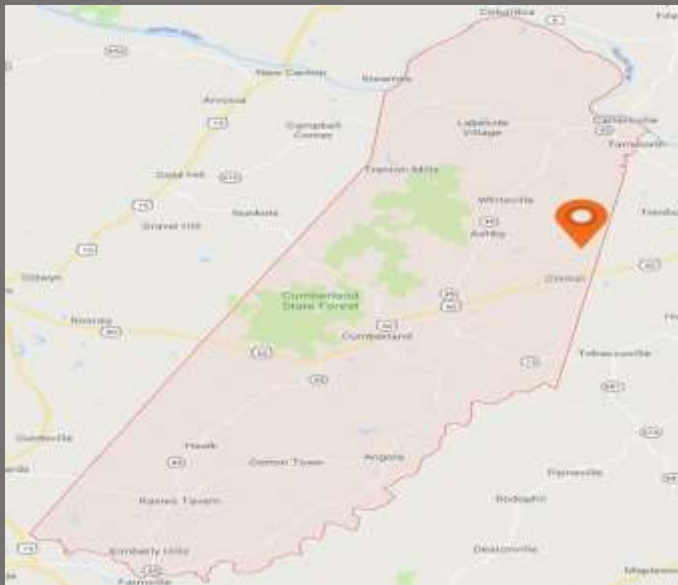
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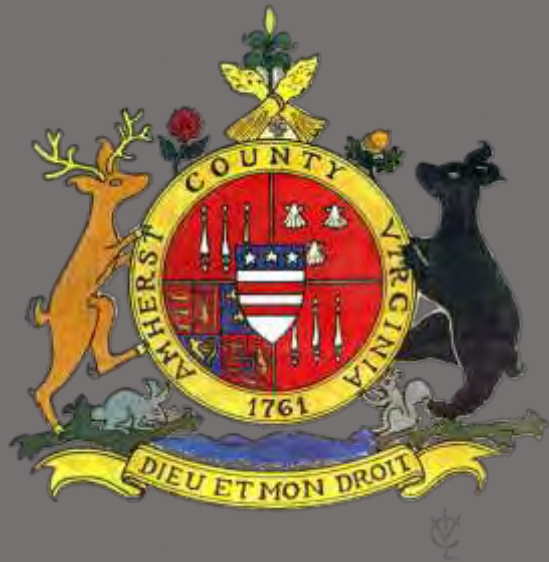


# Schedule

## OPTION 3 – TRANSFER OPERATIONS

- Maintain landfill operations through FY 2020
- FY 2019 Design facility
- March, 2019 Bid project
- June, 2019 Notice to Proceed
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# QUESTIONS AND ANSWERS

Presented by:

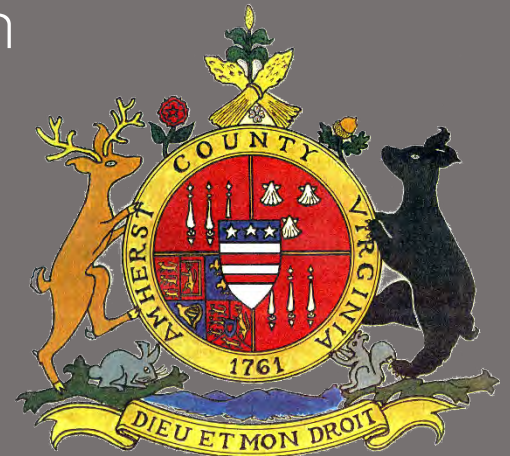
Lynn Klappich, CSI, CCCA

September 4, 2018



# Amherst County Solid Waste Program

Disposal Option Evaluation  
October 2, 2018





# Agenda

Introduction

Current status landfill operations

Key Assumptions and Critical Elements

Description of options

Summary



**Draper Aden Associates**  
*Engineering • Surveying • Environmental Services*

# Current Status Landfill Operations



# Landfill Facts and Figures

- Total facility acreage: 280 acres
- Landfill disposal acreage: 34 acres
- Total life of landfill: 45 – 50 years
- Remaining life Cell 1: 5 years
- Estimated life Cell 2: 14 years
- Cost for construction liner system: \$450,000/acre
- Cost for construction cap system: \$170,000/acre



# Key Considerations

- Need to construct Cell 2 in near future
- Financing has been obtained for construction
- County assumed full operation of landfill in 2016
- Additional personnel and equipment added to operations in FY 2018 and FY 2019
- VDEQ permit compliance has been a challenge.
- Post Closure Care liability = 30 years



# Goals of County's Solid Waste Program

- Reduce Costs
- Reduce liability
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Opportunity to consider options before commit to long term development of landfill.



# Overview of Findings

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Option 1 – Landfill Operations	\$45,199,300	\$97
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A difference in \$10/ton over the length of the planning period represents an annual savings of about \$246,000 per year.

# Key Assumptions

- Total cost of service evaluation
- Planning period FY 2019 – FY 2037 (End of Cell 2)
- Collections, recycling and old landfill not included.
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County has received 1 NOV and 3 warning letters from VDEQ over past 2 years.

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  - Sufficient stockpiles of soil
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  - Configuration of landfill surface
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# Additional Operational Costs

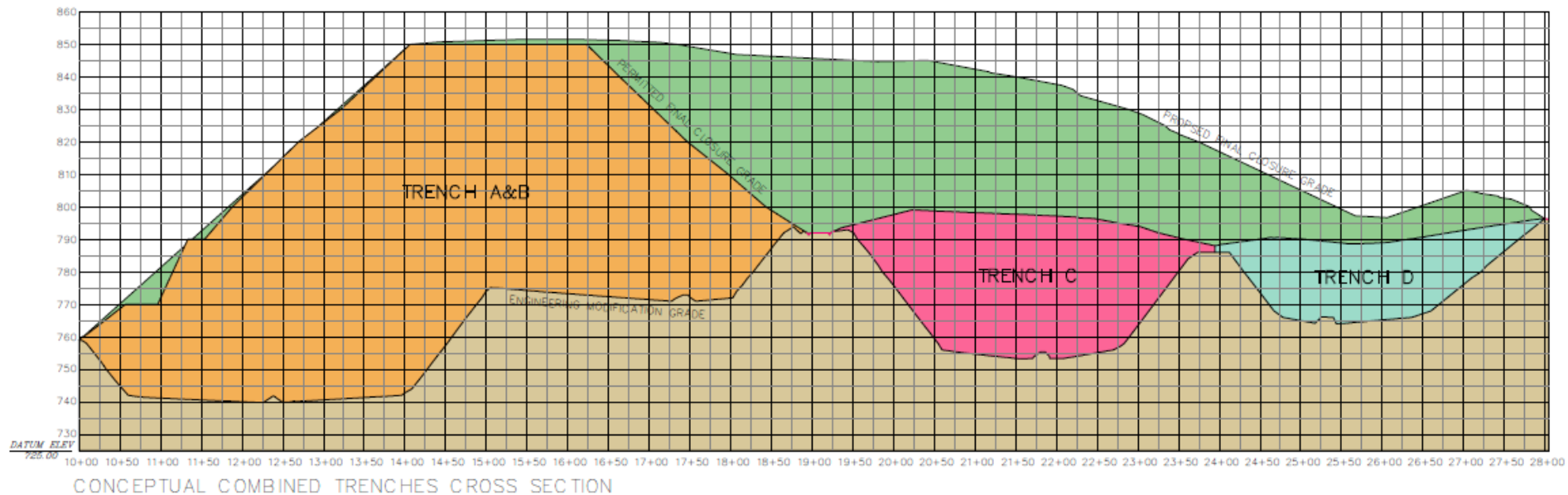
FY 2019 will be first year with full staffing and equipment under continued scrutiny by DEQ

- Potential increases in operational costs include:
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  - Equipment maintenance and repair
  - Increase in leachate production
  - Groundwater remediation (if needed)



# Option 1

## Continued Landfill Operations



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# Option 1

# Continued Landfill Operations

- Interim cover or “mothballing landfill”
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- Compliance monitoring – groundwater, stormwater, landfill gas
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# Disadvantages Continued Landfill Operations

- Leachate - flows, hauling, treatment
- Competition and poor economy of scale
- Regulatory compliance – more regulations
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# Schedule

## OPTION 1 – CELL 2 CONSTRUCTION

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## Privatize Landfill Operations

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- County maintains full liability for landfill as permit holder
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# Option 3

## Transfer to Out of County LF



Graphic is example only and does not represent option as presented in report.

# Option 3

## Transfer to Out of County LF

- Transfer station - 8,000 square feet; cost approximately \$1,656,000; 20 - 25 year life
- Limited personnel and equipment requirements
- Contract(s) for hauling and disposal
- Disposal options considered:
  - Region 2000 Landfill: 12 years life; approx. 40 miles RT; gate rate \$40.25/ton
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- Region 2000 landfill (public): 21 miles
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# Advantages Transfer Options

- Loan - Fund the transfer station and the closure of Cell 1
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# Advantages Transfer Options

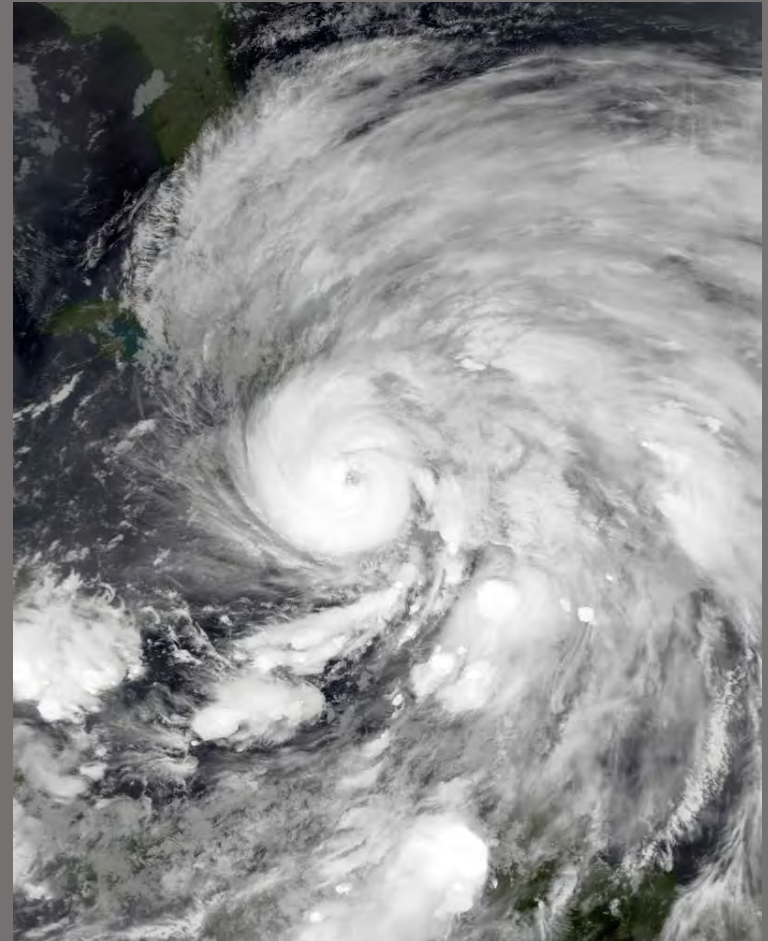
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# Disadvantages Transfer Options

- Hauling and disposal contracts: Procurement; escalators; lack of control
- Fuel escalators: Variability
- Disposal facilities: Capacity; compliance with VDEQ
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# Schedule

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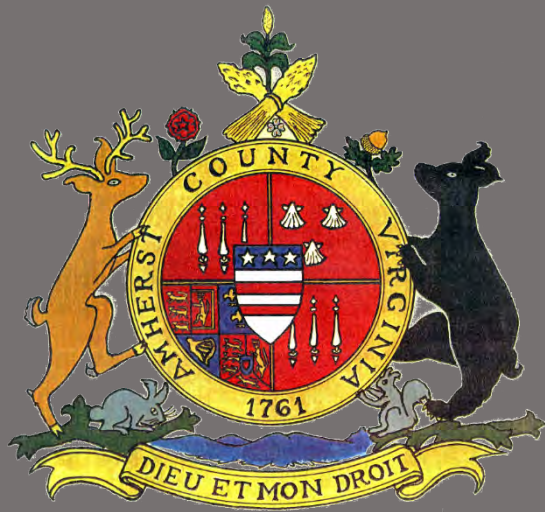




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Presented by:  
Lynn Klappich, CSI, CCCA  
October 2, 2018

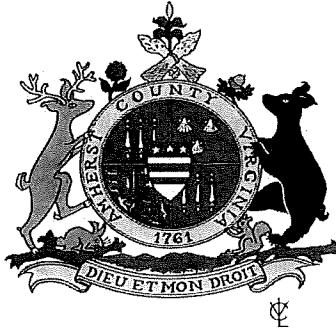


**Draper Aden Associates**

*Engineering • Surveying • Environmental Services*

**Board of Supervisors**

Claudia D. Tucker, Chair  
District 2  
L. J. Ayers III, Vice-Chair  
District 3  
David W. Pugh, Jr., Supervisor  
District 4  
Kenneth M. Campbell, Supervisor  
District 1  
Jennifer R. Moore, Supervisor  
District 5



**County Administrator**  
Dean C. Rodgers

**County Attorney**  
Michael W. S. Lockaby

**AMHERST COUNTY BOARD OF SUPERVISORS**

**MINUTES**

**AGENDA**

October 2, 2018  
Administration Building - 153 Washington Street - Public Meeting Room  
Amherst, Virginia 24521  
Town Hall Meeting Convened - 7:00 p.m.

- I. Call to Order**
- II. Discussion of Options**
  - A. Landfill Construction
- III. Adjournment**

**MINUTES**

At a Special Meeting of the Amherst County Board of Supervisors and held at the Amherst County Administration building, Amherst, Virginia, thereof on Tuesday, the 2<sup>nd</sup> day of October, 2018, at 7:00 p.m., the following members were present:

**BOARD OF SUPERVISORS:**

**PRESENT:** Claudia D. Tucker, Chair  
L. J. Ayers, III, Vice-Chair  
David W. Pugh, Jr., Supervisor  
Kenneth M. Campbell, Supervisor  
Jennifer R. Moore, Supervisor

**ABSENT:** None

**STAFF PRESENT:** County Administrator Dean C. Rodgers  
Deputy County Administrator David R. Proffitt  
County Attorney Michael W. S. Lockaby  
EA Clerk to Boards Regina M. Rice

**OTHERS PRESENT:** Lynn Klappich, CSI, CCCA, Draper Aden & Associates

**I. Call to Order**

Chair Tucker called the meeting to order at 7:00 p.m.

Chair Tucker led the Invocation.

Chair Tucker outlined the conduct of the meeting and departure from the Board's Rules of Procedure. She stated this meeting would be to gather information on the matter of the County's landfill, and she encouraged public comments and questions.

**II. Discussion of Options**

**A. Landfill Construction**

County Administrator Rodgers provided an introduction regarding action to be taken by the Board regarding landfill construction. He said that Ms. Lynn Klappich of Draper Aden had presented previous information to the Board on June 5, 2018 and September 4, 2018. At that time, the Board deferred any action on the matter and scheduled a Town Hall meeting on October 2, 2018 to receive public comment.

Mr. Rodgers introduced Ms. Lynn Klappich of Draper Aden.

Ms. Klappich presented a Power Point, explaining that was a compilation of information, which was provided to the Board at the June 5 and September 4, 2018 meetings. **(See Attachment 1)**

Ms. Klappich provided information on the current status of the landfill operations, key assumptions and critical elements, a description of the options and summary.

Chair Tucker opened the meeting to public comment.

The following citizens provided comments:

Mr. John A. Marks, Jr. of Madison Heights, Virginia provided his comments:

He stated he did not see a rush to close the landfill and believed it has been a cost saver to the County for debris collected from derelict structures, the derecho and the tornado. He remarked on hauling costs and the increased traffic in residential neighborhood. He asked if there was another option to consider, and said he was not against closing the landfill.

Mr. Grant Massie of Lowesville, Virginia provided his comment:

He said he was familiar with the landfill and the transfer system in Nelson County. He commented that efficiency is lost once the trash leaves the convenience center and is trucked to a transfer station.

Mr. Ed Kinnier of Amherst, Virginia provided his comment:

He asked about the possibility of repurposing the 280 acres if the landfill was closed, and if a disaster occurred in the County, could the landfill be reopened once it was closed to accept large amounts of debris. He said he believed the County would benefit by closing the landfill and going with a transfer station.



Mr. Alan Wood of Madison Heights, Virginia provide his comment:

He said it would be appropriate to explore all options and believed the Board did not have enough information to make a decision. He was concerned about the cost to the citizens of Amherst County, and said there was no basis to make a final decision until the Board receives complete information on costs and an analysis of the options.

Mr. Rodney Taylor of Amherst, Virginia provide his comment:

He said that thirteen years ago the County decided not to join Region 2000 Service Authority. Because of that decision not to join the Region 2000 Service Authority, the citizens of Amherst County have spent 2.6 million. He said that Ms. Klappich is the expert on waste management in the Commonwealth, further stated the County does not want the liability of a landfill. He strongly encouraged the Board to take the advice of the experts and get out of the landfill business.

Mr. Don Kidd of Monroe, Virginia provided his comment:

He was concerned about the residents who live on Kentmore Farm Road with increased tractor trailer traffic. He said the roads are not wide enough to handle that type of truck traffic and was concerned about public safety. He encouraged the Board to look at the transfer site going in Appomattox County and to wait 40-60 days before making a decision.

Vice-Chair Ayers requested that more research be done with regard to the potential Appomattox County facility.

In conclusion, Chair Tucker directed staff to gather more information for the Board to make a decision regarding the landfill issue.

### **III. Adjournment**

By motion of Chair Tucker and with the following vote, the Board adjourned at 9:01p.m.

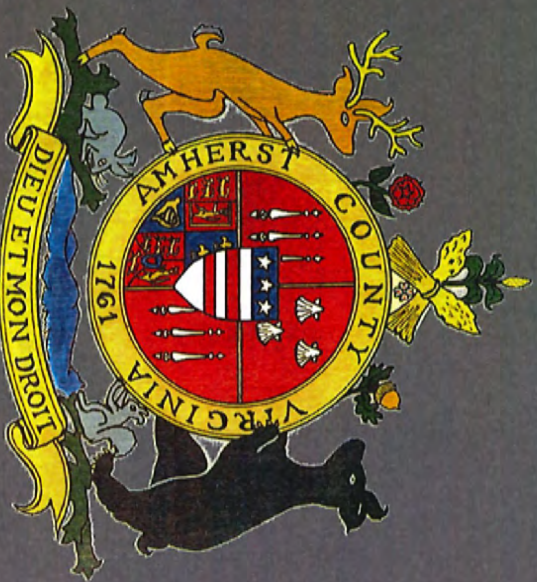
AYE:	Mrs. Tucker, Mr. Ayers, Mr. Pugh, Mr. Campbell, and Ms. Moore
NAY:	None
ABSENT	None

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Claudia D. Tucker, Chair  
Amherst County Board of Supervisors

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Dean C. Rodgers, Clerk



Presented by:

Lynn Klappich, CSI, CCCA

October 2, 2018



**Draper Aden Associates**  
*Engineering • Surveying • Environmental Services*



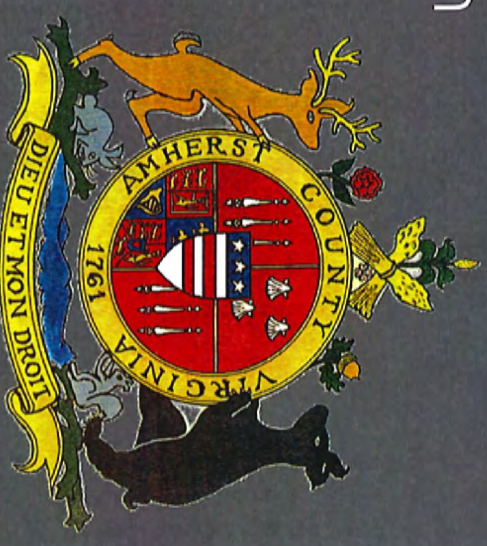


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*Engineering • Surveying • Environmental Services*

# Amherst County Solid Waste Program

Disposal Option Evaluation

October 2, 2018





# Agenda

Introduction

Current status landfill operations

Key Assumptions and Critical Elements

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# Current Status Landfill Operations



**Draper Aden Associates**  
Engineering • Surveying • Environmental Services



# Landfill Facts and Figures

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# Additional Operational Costs

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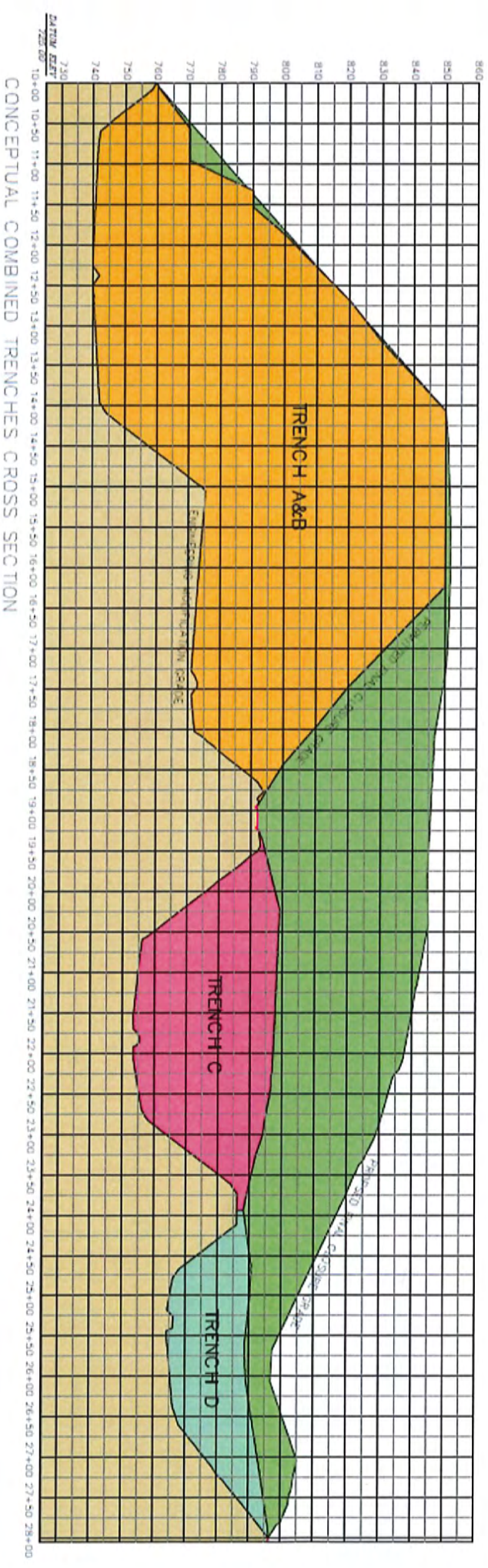
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## Continued Landfill Operations

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# Option 3

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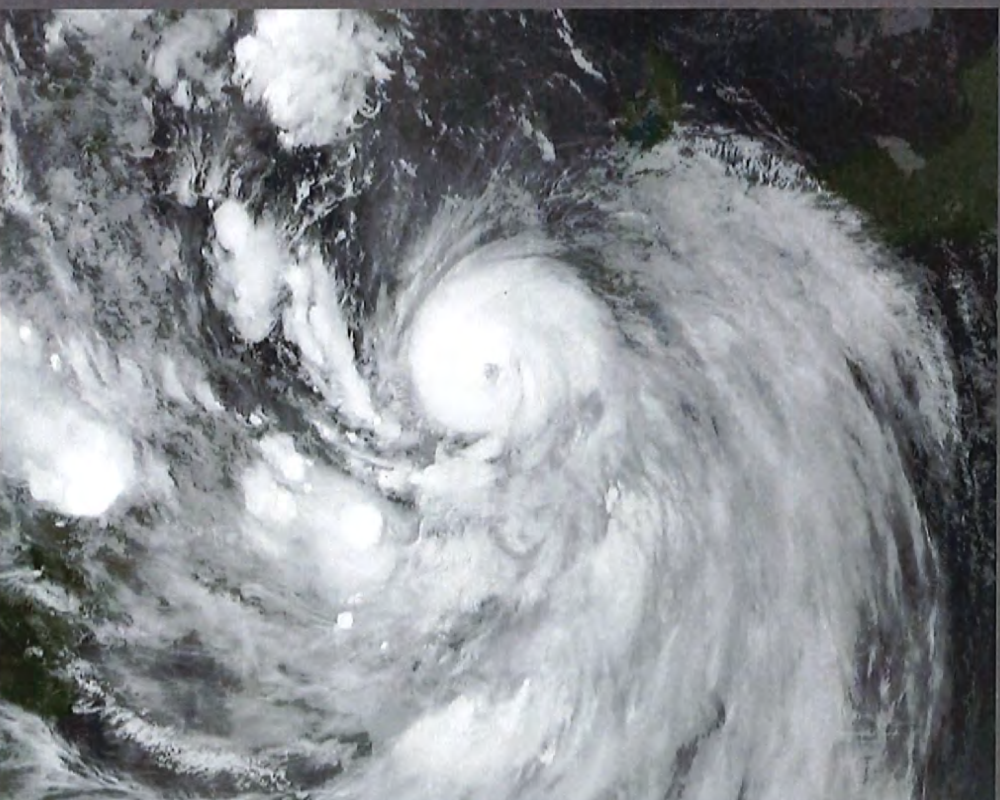


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District 3  
Kenneth M. Campbell, Vice-Chair  
District 1  
David W. Pugh, Jr., Supervisor  
District 4  
Jennifer R. Moore, Supervisor  
District 5  
Claudia D. Tucker, Supervisor  
District 2



**County Administrator**  
Dean C. Rodgers

**County Attorney**  
Michael W. S. Lockaby

**AMHERST COUNTY BOARD OF SUPERVISORS**  
**MINUTES – January 15, 2019**

**AGENDA**

January 15, 2019  
Administration Building – 153 Washington Street - Public Meeting Room  
Amherst, Virginia 24521  
Meeting Convened - 7:00 p.m.

- I. Call to Order**
- II. Approval of Agenda**
- III. Invocation and Pledge of Allegiance**
- IV. Citizen Comment**
- V. Consent Agenda**
  - A. Blue Ridge Regional Jail FY18 True-up appropriation
  - B. Minutes – December 4, 2018
- VI. Old Business**
  - A. Landfill Options Analysis
- VII. New Business**
  - A. Commonwealth Attorney Appropriation
  - B. Dodd's Store Convenience Center
- VIII. County Attorney's Report**
- IX. Liaison and Committee Reports**
  - A. Local Government Council, Exec Bd., January 4, 2019
  - B. Regional Jail Board of Directors meeting, January 3, 2019
- X. Departmental Report**
  - A. General fund Availability Report
- XI. Citizen Comment**
- XII. Matters from Members of the Board of Supervisors**



**XIII. Closed Session**

A. A closed session, pursuant to Section 2.2-3711(A)(5) of the Code of Virginia, 1950, as amended, for discussion concerning a prospective business or industry or the expansion of an existing business or industry where no previous announcement has been made of the business' or industry's interest in locating or expanding its facilities in the community, on a property located in District 4.

**XIV. Adjournment**

**MINUTES**

**BOARD OF SUPERVISORS:**

PRESENT: L. J. Ayers III, Chairman                      ABSENT: Kenneth M. Campbell, Vice-Chair  
David W. Pugh, Jr., Supervisor  
Jennifer R. Moore, Supervisor  
Claudia D. Tucker, Supervisor

STAFF PRESENT: County Administrator Dean C. Rodgers  
Deputy County Administrator David R. Proffitt  
County Attorney Michael W. S. Lockaby  
EA Clerk to Board Regina M. Rice

**OTHERS PRESENT:**

**I. Call to Order**

Chairman Ayers called the meeting to order at 7:00 p.m.

**II. Approval of Agenda**

By motion of Supervisor Pugh and with the following vote, the Board amended the Agenda for January 15, 2019 by moving Item VII.A. Commonwealth Attorney Appropriation to Item V. and renumbering it as C.

AYE: Mr. Ayers, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: Mr. Campbell  
ABSTAIN: None

**III. Invocation and Pledge of Allegiance**

Chairman Ayers led the Invocation and Pledge of Allegiance.

**IV. Citizen Comment**

There was no public comment.

**V. Consent Agenda**

- A. Blue Ridge Regional Jail FY18 True-up appropriation
- B. Minutes – December 4, 2018

By motion of Supervisor Tucker and with the following vote, the Board approved the Consent Agenda.



AYE: Mr. Ayers, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: Mr. Campbell  
ABSTAIN: None

**VI. Old Business**

**A. Landfill Options Analysis**

Deputy County Administrator David Proffitt presented his report for the Board to consider additional analysis for County waste disposal options and funding. **(See Attachment A)**

Mr. Proffitt explained the options were presented to the Board by Ms. Lynn Klappich, Engineer for Draper-Aden on June 5, 2018 and September 4, 2018. A Town Hall meeting was held on October 2, 2018 to receive public comments.

Mr. Proffitt explained that Phase 1 updates all information the County has accumulated in 2018. Phase 2 is to consider two transfer station options that would either use County-owned property on Riverview Road or utilize a private transfer station to be located in Appomattox County.

Mr. Proffitt advised that Draper-Aden would have a proposal to present at the first Board meeting in March, and said the cost would not exceed \$16,600 for the Phase 1 and 2 study.

Supervisor Pugh questioned spending \$16,600 for an additional study and believed that the County did not need to build a transfer station. He was in favor of scrapping the Phase 1 and 2 study and wait to see if the proposed transfer station in Appomattox County materialized.

The Board discussed several options that included depositing waste at the proposed Appomattox County location or continuing to deposit trash at the landfill for 18-24 months and make preparations for closure of Cell 1.

There was a discussion about the use of bond money borrowed for closure of the landfill and the possibility of using that money for other solid waste disposal options.

Finance Director Wilkes advised that tax exempt bonds require the County to spend the money in less than 24 months. If the money was not spent, it would affect the County's bond rating.

Supervisor Pugh asked if the County could use the bond proceeds to build the Dodd's Store convenience center.

Chairman Ayers said he agreed with Supervisor Pugh and wanted to look into using this money for the cost of building the Dodd's Store Convenience Center.

Supervisor Tucker commented that the County should know in the next 60 days if the Appomattox County transfer station location is approved. Chairman Ayers and Supervisor Pugh both agreed to wait for 60 days.

It was the consensus of the Board to wait 60 days to see if a private transfer station would be built in Appomattox County before considering building a transfer station at the County's landfill or at the Riverview Road site.

**VII. New Business**

**A. ~~Commonwealth Attorney Appropriation~~**

**B. Dodd's Store Convenience Center**

**BOOK 36**

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Deputy County Administrator David Proffitt presented his report asking the Board to select a construction contractor for the Dodd's Store Convenience Center, and to ask for additional funds needed to complete that construction.

Mr. Proffitt advised the lowest construction bidder was Best Grading, Inc. at \$423,102.00. He said there were additional items including utilities, equipment and building costs that were not included in the construction bid. The additional funding required has been estimated as \$121,715.

Supervisor Tucker said the estimates for the convenience center have moved dramatically several times and she had an issue with this.

Supervisor Pugh said he understood the initial cost was \$423,000 but now the cost to the County would be \$695,000, which was very embarrassing and disappointing.

Supervisor Tucker said the County is committed to this project, however, future processes must be changed.

Chairman Ayers agreed and said this project has far exceeded the initial cost.

Mr. Rodgers advised that Draper-Aden provided the initial figure in writing, however, came back a second time and included items that were not in the construction bid.

By motion of Supervisor Tucker and with the following vote, the Board approved the selection of Best Grading Inc. to construct the Dodd's Store Convenience Center and that an additional \$121,715.00 be appropriated from a source yet to be determined.

AYE: Mr. Ayers, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: Mr. Campbell  
ABSTAIN: None

**VIII. County Attorney's Report**

County Attorney Lockaby advised his office has filed a claim regarding the care of a gentleman's cremation and disposal of his remains without family or finances. The Sheriff and County Administration, as required by state law, are taking care of the cremation and disposal of his remains.

Mr. Lockaby advised there may be a delay in the SCS contract that will need several approvals from federal agencies that are not open because of the government shutdown.

Mr. Lockaby said he is working with Building Official Nate Young regarding spot blight as well as collection of money on several issues that the County has filed liens.

**IX. Liaison and Committee Reports**

A. Local Government Council, Exec Bd., January 4, 2019

B. Regional Jail Board of Directors meeting, January 3, 2019

For Board information only.

**X. Departmental Report**

A. General fund Availability Report

The Board is receiving a monthly report.

**XI. Citizen Comment**

Mr. Bill Peters of Amherst, Virginia addressed the Board regarding Draper-Aden and a lack of confidence with this firm. He said it was the most confusing “quagmire” regarding the construction of the Dodd’s Store Convenience Center.

Mr. Rodgers commented that Draper-Aden was an excellent engineering firm, and the County has relied on Ms. Klappich of Draper-Aden for analysis. However, he said the civil engineering section of Draper-Aden used for the construction estimate of the convenience center appeared to be unreliable projecting costs.

Mr. Rodgers said that the County will continue to rely on Draper-Aden for analysis only.

**XII. Matters from Members of the Board of Supervisors**

Supervisor Tucker had no matter to discuss.

Supervisor Moore had no matter to discuss.

Supervisor Pugh had no matter to discuss.

Chairman Ayers had no matter to discuss.

**XIII. Closed Session**

A. A closed session, pursuant to Section 2.2-3711(A)(5) of the Code of Virginia, 1950, as amended, for discussion concerning a prospective business or industry or the expansion of an existing business or industry where no previous announcement has been made of the business' or industry's interest in locating or expanding its facilities in the community, on a property located in District 4.

Supervisor Tucker moved that the Amherst County Board of Supervisors convene in closed a closed session, pursuant to Section 2.2-3711(A)(5) of the Code of Virginia, 1950, as amended, for discussion concerning a prospective business or industry or the expansion of an existing business or industry where no previous announcement has been made of the business' or industry's interest in locating or expanding its facilities in the community, on a property located in District 4.

AYE: Mr. Ayers, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: Mr. Campbell  
ABSTAIN: None

Supervisor Pugh motioned to come out of closed session and was approved with the following vote:

AYE: Mr. Ayers, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: Mr. Campbell  
ABSTAIN: None

**CERTIFICATION OF CLOSED MEETING**

Supervisor Tucker moved that the Amherst County Board of Supervisors certify by a recorded vote that, to the best of each Board member’s knowledge, only public business matters lawfully



**BOOK 36**

MINUTES – January 15, 2019

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exempted from the open meeting requirements of the Virginia Freedom of Information Act and identified in the motion authorizing the closed session were heard, discussed, or considered in the closed session.


Mr. Ayers	AYE
Mr. Pugh	AYE
Mr. Campbell	ABSENT
Ms. Moore	AYE
Ms. Tucker	AYE

**XIV. Adjournment**

By motion of Supervisor Tucker and with the following vote, the Board adjourned at 8:11p.m.

AYE:	Mr. Ayers, Mr. Pugh, Ms. Moore and Ms. Tucker
NAY:	None
ABSENT:	Mr. Campbell
ABSTAIN:	None

  
\_\_\_\_\_  
L. J. Ayers III, Chairman  
Amherst County Board of Supervisors

  
\_\_\_\_\_  
Dean C. Rodgers, Clerk

**Draper Aden Associates***Engineering • Surveying • Environmental Services*

2206 South Main Street  
Blacksburg, Virginia 24060  
540.552.0444  
www.daa.com

January 14, 2019

Mr. David Proffitt, Assistant County Administrator  
Amherst County  
P.O. Box 390  
Amherst VA 24521

**RE: Proposal for Engineering Services  
Amherst County Option Evaluation – Additional Services  
Evaluation of collection sites and additional transfer operations  
Draper Aden Associates Proposal No. B05176-109B**

Dear Mr. Proffitt:

On behalf of Draper Aden Associates, thank you for allowing us the opportunity to present our proposal for professional engineering services for provision of additional services related to the option evaluation provided by Draper Aden Associates in 2018. The services required were listed in a scope of services provided by Amherst County on Friday, January 4, 2019. The work will be completed in accordance with the Master Agreement between Draper Aden Associates and Amherst County dated June 21, 2017.

## **I. PROJECT DESCRIPTION**

Since early 2018, Amherst County and Draper Aden Associates have been involved in an analysis of the County's various disposal options, the outcome of which could significantly impact the future of your solid waste management program. A final report prepared by Draper Aden Associates, dated May 15, 2018 was presented to the Board of Supervisors on June 5, 2018 at which time the Board requested additional information. Another meeting was held with the Board of Supervisors on September 4, 2018, followed by a public meeting held on October 2, 2018 at which meeting input was taken by the Board from citizens in regards to various disposal options. After this meeting, the Board has continued to explore its options internally and with various outside entities.

Based on our discussions to date including our meeting with County Waste of Virginia (CWV) on November 28, 2018, it is likely that the County will move from its landfill operation (with construction of the next cell scheduled for 2019), to some kind of transfer operation, which could become operational in 2 – 3 years if constructed by the County. However, additional options are under consideration given the opportunities recently presented by CWV relative to its future plans for operations in Central Virginia. Of key importance and interest to the County is the potential construction of a CWV transfer station in Concord, Virginia stated by CWV to be constructed and operational within one year.

As we know, the challenge to the County at this time, is the usage of a loan which was previously obtained by the County for the construction of the next landfill cell. This loan is approximately \$4.0M and previous discussions on options have indicated that it could fund not only the construction of a transfer station at the Kentmoor Farm site but also closure of Cell 1 of the landfill.

In the course of follow up conversations with the County and CWV, the County has determined that another option for the loan might be to construct new or to improve existing convenience centers with consideration of transport of the waste to the proposed CWV transfer station or to Region 2000. The subject of this proposal and the requested services relate to this new option.

## **II. SCOPE OF SERVICES**

On Friday, January 4, 2019, the County provided Draper Aden Associates with a scope of services for the additional evaluation. Later that day, we had a discussion that helped clarify the scope provided. Below is our Scope of Work based on the information provided by the County:

### **Phase 1 - Verification of Assumptions from Previous Evaluation**

Under this phase, Draper Aden Associates will revisit the assumptions and information provided in the report entitled, "Amherst County – Disposal Option Evaluation," dated May 15, 2018 and follow up information provided to the Board of Supervisors at various meetings. Specifically we will consider:

- **Task 1** - Update of information as may be appropriate for continued operation, by the County of its existing landfill. For the evaluation, it is assumed that this facility would receive residential and commercial waste for disposal at the landfill, with disposal and handling of household hazardous materials, recyclables, green waste, etc. to continue at the existing landfill location. This will require discussions with the Public Works Director and/or Finance Director to determine if personnel, equipment, or material cost assumptions have changed since the original report. Given that the County is involved in budget preparations for FY 2020, this is an appropriate time for these discussions.

Part of this evaluation, to support activities under Phase 2, will require determination of costs associated directly with the wood waste handling, metals recycling and other peripheral activities at the landfill that may be continued even if the landfill is closed. This was not considered in the previous evaluation as either facility under consideration, e.g. landfill or transfer station were to be located at Kentmoor Farm Road and would have supported these operations with existing personnel and equipment. Under options below, the transfer operation may be located elsewhere and hence additional costs may be incurred to handle these materials.



Importantly, given the discussion with CWV and the probable transfer station at Concord, Virginia, it is appropriate for this option to be evaluated in light of the potential loss of a significant portion of the CWV tonnage. The County can provide us with this tonnage.

- **Task 2** - Update information as may be appropriate for closure of the County's landfill. This could include timing of closure given the current landfill operations, potential loss of CWV waste in the next year or so, and configuration. While major changes in the cost for closure of the landfill are not anticipated it is appropriate to reconsider construction costs based on the current market.
- **Task 3** - Update information as may be appropriate for development of a transfer station as located in the previous evaluation. For the evaluation, it is assumed that this facility would receive residential and commercial waste for transport outside of the County, with disposal and handling of household hazardous materials, recyclables, green waste, etc. to continue at the existing landfill location.

Information to be re-evaluated would be infrastructure construction costs, transport and disposal costs to a landfill outside of the County, and operation of the transfer station. Operations of the transfer station will require discussion with the Public Works Director and/or Finance Director on personnel, equipment and materials. It is not anticipated that significant changes in costs will occur; however the CWV – Green Ridge Recycling and Disposal Facility in Cumberland County will be considered as an alternate disposal site.

For this evaluation, no change in the design of the facility is considered, i.e. the facility will continue to be considered as a top-load non-mechanical operation. In addition, no improvements to Kentmoor Farm Road will be considered as this was not part of the previous discussion.

Importantly, given the discussion with CWV and the probable transfer station at Concord, Virginia, it is appropriate for this option to be evaluated in light of the potential loss of a significant portion of the CWV tonnage. The County can provide us with this tonnage.

At the end of this phase a memorandum summarizing our findings will be provided. Two meetings with the County are included under this Phase. This Phase will be billed on an hourly not to exceed basis.

## **Phase 2 – Evaluation of Alternate Transfer Options**

Under this phase, Draper Aden Associates will consider the newer options discussed after our meeting with CWV on November 28, 2018. Specifically at that meeting new ideas that were discussed included the following:

- Construction of a transfer station at Riverview Road site (Permit 216) including use of a mechanical load system.
- Direct haul from the County's convenience centers to the probable transfer station at Concord, Virginia without the construction of a transfer station.
- Development of several additional convenience centers to replace the older container sites.

Below is the list of requested services relative to this as provided by the County on January 4, 2019.

- **Task 1** - Closure of the County's landfill and development of a transfer station at its Riverview Road (Permit 216) site. For the evaluation, it is assumed that this facility would receive residential and commercial waste for transport outside of the County, with disposal and handling of household hazardous materials, recyclables, green waste, etc. to continue at the existing landfill location. On November 19, 2018, the County was provided with a detailed conceptual analysis of the construction of a top load, non-mechanical transfer station. The analysis included a comparison of the capital costs of this option against the facility at Kentmoor Farm Road.

Under this task, Draper Aden Associates will utilize the capital costs for the facility as provided in November 2018 and expand the evaluation to include cost for operation, transport, hauling and continued operations at the existing Kentmoor Farm Road site for green waste, metals recycling and other operations as requested by the County. The County must provide information on these operations.

Importantly, given the discussion with CWV and the probable transfer station at Concord, Virginia, it is appropriate for this option to be evaluated in light of the potential loss of a significant portion of the CWV tonnage. The County can provide us with this tonnage.

In addition, based on our discussion with CWV, we will provide an alternate design considering a slab on grade, mechanical operation as described by CWV. As I have indicated, I have been in communication with Marathon Equipment and they have some alternate ideas to the Blok-Pak described by CWV. This operation will be considered on the eastern side of the pipeline. We will provide the capital cost for the operation including equipment for comparison purposes.

It should be noted that since this site was used for waste disposal and since there is limited information on the actual location of the disposal areas, this site is a high risk for potential issues with the subsurface conditions.

- **Task 2** – Utilization by the County of the proposed CWV transfer station in Concord, Virginia as described by CWV with disposal and handling of household hazardous materials, recyclables, green waste, etc. to continue at the existing landfill location. Under this option, the County would only be responsible for costs associated with use of the CWV transfer station for waste collected from the County's convenience centers and other County owned or

operated facilities (e.g. schools). All other waste generated by others including but not limited to the Town of Amherst, commercial and business sector and other CWV collections would be handled directly by the waste generator, which could include use of the CWV facility, Region 2000, or other transfer or disposal facility. Costs for the other generators would not be addressed under this task.

To evaluate this option, the discussion will center around the cost to transport waste to the proposed Concord transfer station, and around the tipping fee quoted by CWV at our meeting i.e. \$50/ton. This fee includes the operation by CWV of the transfer station, and all hauling and disposal costs. The County incurs limited liability through the use of this facility with actual liability defined by contract.

Convenience center collection and transport costs will be provided by the County on either a per mile or per ton basis. It should be noted that some assumptions will be needed for estimation of tonnage and therefor hauls from any new facilities. The County will assist with these estimates.

Currently, Draper Aden Associates has a copy of the contract between Botetourt County and CWV for the operation of a future transfer station in Botetourt County. (This is public information.) Assumptions included in this contract relative to annual CPI index increases and other items will be considered under this option as they may impact the County's future costs.

At the end of this phase a memorandum summarizing our findings will be provided. Two meetings with the County are included under this Phase. This Phase will be billed on an hourly not to exceed basis.

### **Phase 3 – Evaluation of Collection System Improvements**

In consideration of required improvements to the County's collection system and the removal of the last remaining in-ground sites from further usage as required by CWV, the County would like to consider various collection system improvements. Draper Aden Associates has been requested to provide analysis and cost estimates for several solid waste collection system improvements. Based on our discussion, the County would like to provide "complete" conceptual costs to include conceptual capital construction costs, equipment costs and operations. Equipment costs for compactors, roll off boxes, and attendant shed will be provided by the appropriate vendors. Operations costs to include personnel, utilities, maintenance and hauling must be provided by the County and can be based on the operations at existing facilities.

It is our understanding that any new site or generic site should consider one-compactor and two recycling bins (Similar to the recently designed collection center). It is assumed that bulky waste will be taken directly to the landfill if operational, transfer station if constructed or collection center at the landfill if designed appropriately for receipt of bulky waste.



The following scope of services will be based on using readily, available information and observations during one site visit.

**Task 1** – Draper Aden Associates will prepare up to two concept designs, and refine one option, based on County comments, for a staffed convenience center on property purchased by the County adjacent to its current Boxwood Farm Road site. We will develop an opinion of probable project cost for the chosen concept, which will include capital construction costs, equipment and operations. It is our understanding that the County has purchased this property and that a home had once set on this site but burned. The County has indicated that a well and potential septic system may be available. Task will be billed on a lump sum/% complete basis.

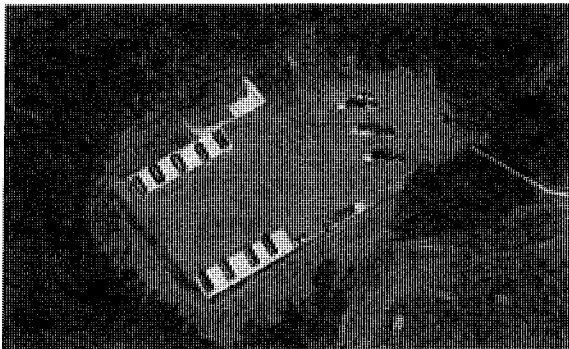
**Task 2** – Draper Aden Associates will meet with the County to discuss and consider alternatives for the concept plan for a staffed convenience center at the current Kentmoor Farm Road landfill property submitted to the County on December 20, 2017. Based on your input, we will revise the concept plan and develop an opinion of probable project cost for the refined concept, which will include capital construction costs, equipment and operations. Task will be billed on a lump sum basis/% complete basis.

**Task 3** – Draper Aden Associates will provide a generic sketch plan and order of magnitude opinion of probable project costs for a hypothetical staffed convenience placed at an unknown location at which land could be obtained. For this concept the County advised us to assume the site is flat. The generic sketch plan and order of magnitude estimate will also assume the following conditions.

1. Site distance is adequate.
2. A convenience center is allowable under current zoning.
3. Turning lanes are not required.
4. One compactor and two recycling roll-offs will be installed.
5. 3-phase power is available or alternate equipment will be used.
6. Subsurface conditions are suitable.
7. Future site is not in a flood plain nor have wetlands present.
8. Minimal earthwork will be needed to provide positive drainage.
9. Total land disturbance area will be less than one acre.
10. Relocation of existing infrastructure (utilities and roadways) will not be required.

The order of magnitude estimates provided will be generic in nature and will not be suitable for budgeting, as actual costs can be greatly affected by specific site conditions and location, and permitting requirements. This should be considered as a baseline only. Task will be billed on a lump sum/% complete basis.

**Task 4** – Draper Aden Associates will prepare one concept design for each site, and refine each option, based on County comments, for upgrades at the existing Coolwell (580 Coolwell Road, Amherst VA) and Pedlar Convenience Center (4102 Buffalo Springs Turnpike, Elon, VA) sites, to include an additional compactor operation at each. We will develop an opinion of probable project cost for the chosen concept, which will include capital construction costs, equipment and operations. Below are aerial photos from Google maps indicating the “current” condition of the site. While there appears to be sufficient space at Coolwell for an expansion, the Pedlar site may pose a significant challenge. Task will be billed on a lump sum/% complete basis.



Coolwell Site – Google Maps



Pedlar Convenience Center – Google Maps

**Task 5**– Draper Aden Associates will prepare up to two concept designs, and refine one option, based on County comments, for a staffed convenience center on the County’s Riverview Road property (Permit 216) with consideration of future expansion as a transfer station (mechanical load option only). We will develop an opinion of probable project cost for the chosen concept, which will include capital construction costs, equipment and operations. Fee will be evaluated after Phase 2 is completed.

At the end of this phase, Draper Aden Associates will prepare a letter report including the concept plans and a summary of our findings and recommendations. We will provide this letter as a draft in PDF format

for your review and comment. Based on your comments, we will finalize the report and deliver a PDF and one hard copy to the County. We will attend two meetings with the County as part of this phase.

#### **Phase 4 – Presentations and Meetings with County and Board of Supervisors**

At this time, we are assuming that two meetings with County staff are included under each phase above. However, it is probable that several meetings with the Board of Supervisors may also be required. Previous meetings with the Board have included the preparation of a PowerPoint, attendance at the meeting and some follow-up. Under this Phase we are provided a fee on a per meeting basis for meetings other than those include in the phases above.

### **III. ASSUMPTIONS**

Assumptions for the evaluations for Phases 1 and 2 will remain similar to those outlined in the report dated May 15, 2018, Section 1.3, Pages 6 and 7.

Assumptions for the evaluation for Phase 3 include the following:

- Work will be based on VGIN or other topographic information which is NOT suitable for final design but can be used for the conceptual and generic evaluations. The County will be responsible for providing information on any utilities at the site(s) as may be required.
- Analysis and/or evaluation of off-site utility, stormwater management, roadway, and other improvements are not included in this scope of services. Improvements to adjacent roadways are not included in this proposal.
- Assumptions relative to utility or E&S requirements will be generic only as specific information on each site is not available for our use.
- For the evaluations, the utilities that may need to be addressed include sanitary sewer, storm sewer, potable water, and electricity. The County will be responsible for providing information on any utilities at the site(s) as may be required.
- The concept design provided conceptual only and not suitable for construction. The concept plans and estimates will be prepared without benefit of, and not limited to, topographic surveys, site distance evaluations, environmental review, and geotechnical information. They are suitable for planning purposes and contain a 20% contingency.
- Operational costs will be provided by the County.
- Equipment costs will be provided by the appropriate Vendor.
- Construction costs will be based on best available data from VDOT bid tabulations and other sources All electronic information, data, and documents provided to us from any party will be in a format suitable for direct use by Draper Aden Associates and will not require any significant reformatting or conversion. We are not responsible for the accuracy of information provided to us by the County for use on this project.
- If the scope of the project is revised by any party after acceptance of this proposal, we reserve the right to re-negotiate our schedule and fee accordingly.



- Any additional out-of-town travel or meetings authorized by your office will be invoiced on a time and materials basis in addition to the fee presented herein.

#### **IV. DELIVERABLES**

Deliverables have been indicated under each task above.

#### **V. SCHEDULE**

The County has indicated that it would like to have this information for Phases 1 and 2 for presentation to the Board of Supervisors at their March 5, 2019 meeting with a potential follow up meeting on March 19, 2019. The schedule for Phase 3 will be determined after Phases 1 and 2 are completed.

#### **VI. FEES**

The County has requested that the fees be broken out so that they can determine the work that can be supported under their existing budget. The following table summarizes the fees as requested:

<b>ACTIVITY</b>	<b>DESCRIPTION</b>	<b>FEE</b>
Phase 1	Verification of assumptions from previous report	\$8,500
Phase 2	Evaluation of alternate transfer options	\$8,100
Phase 3	Evaluation of collection system improvements	Per task as requested
Task 1	Boxwood Farm Road	\$5,700
Task 2	Kentmoor Farm Road	\$5,200
Task 3	Hypothetical site	\$5,300
Task 4	Improvements to Coolwell and Pedlar	\$4,300
Task 5	Riverview Road	\$5,800
Phase 4	BOS meetings	\$1,200

#### **VII. SUPPLEMENTAL SERVICES**

If necessary or requested, we can provide the following supplemental services in addition to those outlined above, including, but not limited to, the following:

- Assistance with RFPs or negotiations with third party solid waste providers.
- Presentation graphics and/or attendance or presentations at meetings, beyond what is included above.

- Additional topographic, boundary, easement, or right-of-way and utility surveys, beyond what is included above, and preparation of easement plats.
- Subsurface utility engineering.
- Site electrical, lighting, data, and communication system design; irrigation system design.
- Structural design, including any site retaining walls above three feet in height.
- Environmental services and/or geotechnical services.
- Traffic studies.
- Floodplain studies and/or permitting
- Capacity analysis of existing utility systems.
- Analysis of or design of upgrades, extensions, or relocations to existing off-site utilities or off-site road improvements.
- Bid and construction phase services, including but not limited to, inspection services, construction quality assurance/quality control, special inspections, materials testing, field survey and stake out, etc.
- Preparation of record drawings and as-built surveys, including a stormwater management facility as-built certification report. Please note the stormwater management certification report is a requirement by the Virginia Stormwater Management Program; we will provide a fee once the stormwater management facility(ies) are selected for this project.

## **VIII. LIMITATIONS**

Conceptual designs and costs are based on available information and are not construction documents or opinions of probable construction costs. They are for planning and comparison purposes only.

Draper Aden Associates conceptual costs are made on the basis of Engineer's experience and qualifications as well as information provided by others. Our costs represent our best judgment given the information available for the evaluations. However, we have no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, we cannot and do not guarantee that final designs, or bid costs will not vary from the conceptual designs or estimates provided for this work.

Our scope sets forth our understanding of the work which was used for development of our fees. Any additional services requested can be undertaken on a time and material basis or negotiated lump sum fee based on your requirements in addition to the fees outlined herein. If any additional services should become necessary or desirable, a Request for Additional Services will be submitted.

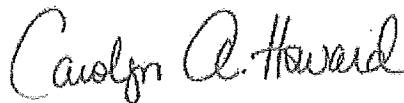
On behalf of Draper Aden Associates, thank you for giving us the opportunity to provide our proposal for engineering services. If this proposal meets with your approval, please sign the Authorization to Proceed below and return it to us. Please keep a copy of the proposal for your records.

Mr. David Proffitt, Assistant County Administrator  
January 14, 2019  
Page 11 of 12

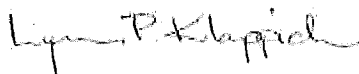
We look forward to working with you on this project. Please do not hesitate to contact us if you have any questions or require any additional information.

Sincerely,

**Draper Aden Associates**



Carolyn A. Howard, P.E.,  
Vice President



Lynn P. Klappich, CSI, CCCA  
WRE Program manager

Attachments: None

cc: Mr. Dean Rodgers, County Administrator  
Mr. Keith Stevens, County Public Works Director  
Mr. Don Marickovich, P.E., DAA



**AUTHORIZATION TO PROCEED**

**Proposal for Engineer Services  
AMHERST COUNTY – OPTIONS EVALUATION – ADDITIONAL SERVICES  
Draper Aden Associates Proposal No. B051760109B**

I/We agree and accept Draper Aden Associates' proposal to provide the above described services. Please check below those Phases being authorized:

- ☐ Phase 1 – Verification of Assumptions from Previous Evaluations
- ☐ Phase 2 – Evaluation of Alternate Transfer Options
- ☐ Phase 3 – Evaluation of Collection System Improvements

We understand the Scope of Services as provided herein and agree to the fees estimated for these services. We further acknowledge that Draper Aden Associates will provide a proposal for any change in the Scope of Services described herein and that a signed agreement to provide those additional services will be executed prior to any work being performed.

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Printed Name

Title

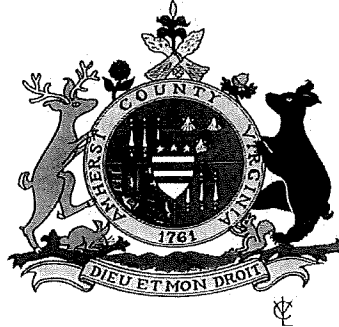
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Signature

Date

**Board of Supervisors**

L. J. Ayers III, Chair  
District 3  
Kenneth M. Campbell, Vice-Chair  
District 1  
David W. Pugh, Jr., Supervisor  
District 4  
Jennifer R. Moore, Supervisor  
District 5  
Claudia D. Tucker, Supervisor  
District 2



**County Administrator**  
Dean C. Rodgers

**County Attorney**  
Michael W. S. Lockaby

**AMHERST COUNTY BOARD OF SUPERVISORS**  
**MINUTES – February 5, 2019**

**AGENDA**

February 5, 2019  
Administration Building - 153 Washington Street - Public Meeting Room  
Amherst, Virginia 24521  
Meeting Convened - 1:00 p.m.

**I. Call to Order**

**II. Approval of Agenda**

**III. Invocation and Pledge of Allegiance**

**IV. Citizen Comment**

**V. Consent Agenda**

- A. Minutes - December 18, 2018, January 4, 2019, January 7, 2019 and January 15, 2019 budget workshop
- B. Resolution - Winton Country Club Dam
- C. ACSO BOS Appropriations
- D. Proclamation for National Athletic Training Month
- E. Supplemental Appropriation Request 2018-2019 Fiscal Year
- F. Supplemental Appropriation for Schools
- G. Capital Improvement Projects for Schools

**VI. Special Presentation**

- A. Second Stage - Annual Report

**VII. Old Business**

- A. Landfill Discussion

**VIII. New Business**

- A. County Fair Appropriation
- B. VCA Grant - Second Stage

**IX. County Administrator's Report**

- A. Boards/Commissions/Committees - Board of Zoning Appeals

**X. County Attorney's Report**

**BOOK 36**  
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A. Winton Update

**XI. Liaison and Committee Reports**

A. Lynchburg Regional Business Alliance Report

B. Local Government Council, January 17, 2019

**XII. Departmental Reports**

A. Departmental Spotlight - IT

B. EDA Quarterly Report

C. Treasurer's Monthly Report

**XIII. Citizen Comment**

**XIV. Matters from Members of the Board of Supervisors**

**XV. Closed Session**

A. A closed session under Section 2.2-3711(A)(7) of the Code of Virginia, 1950, as amended, for the purpose of consultation with legal counsel and briefings by staff members or consultants pertaining to actual or probable litigation, where such consultation or briefing in open meeting would adversely affect the negotiating or litigating posture of the County, specifically relating to the opioid crisis.

**XVI. Adjournment**

**MINUTES**

At a Regular Meeting of the Amherst County Board of Supervisors and held at the Amherst County Administration building, Amherst, Virginia, thereof on Tuesday, the 5<sup>th</sup> day of February, 2019, at 1:00 p.m., the following members were present:

**BOARD OF SUPERVISORS:**

PRESENT: L. J. Ayers III, Chairman  
Kenneth M. Campbell, Vice-Chair  
David W. Pugh, Jr., Supervisor  
Jennifer R. Moore, Supervisor  
Claudia D. Tucker, Supervisor

ABSENT: None

COUNTY STAFF: County Administrator Dean C. Rodgers  
Deputy County Administrator David R. Proffitt  
County Attorney Michael W. S. Lockaby  
EA Clerk to Board Regina M. Rice  
Finance Director Stacey Wilkes

OTHERS PRESENT: Mr. Steve Johnson, former Amherst Co. bond counsel (via conference call)  
Ms. Lynn Klappich, Draper-Aden Associates  
Mr. Jerry Cifor, President of County Waste Virginia  
Mr. Delbert Beasley, Amherst County waste expert

**I. Call to Order**

Chairman Ayers called the meeting to order at 1:00 p.m.

**II. Approval of Agenda**



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By motion of Supervisor Tucker and with the following vote the Board approved the Agenda for February 5, 2019.

AYE: Mr. Ayers, Mr. Campbell Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

**III. Invocation and Pledge of Allegiance**

Chairman Ayers led the Invocation and Pledge of Allegiance.

**IV. Citizen Comment**

There was no public comment.

**V. Consent Agenda**

- A. Minutes - December 18, 2018, January 4, 2019, January 7, 2019 and January 15, 2019 budget workshop
- B. Resolution - Winton Country Club Dam
- C. ACSO BOS Appropriations
- D. Proclamation for National Athletic Training Month
- E. Supplemental Appropriation Request 2018-2019 Fiscal Year
- F. Supplemental Appropriation for Schools
- G. Capital Improvement Projects for Schools

By motion of Supervisor Pugh and with the following vote the Board approved the Consent Agenda for February 5, 2019.

AYE: Mr. Ayers, Mr. Campbell Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

**VI. Special Presentation**

- A. Second Stage - Annual Report

Ms. Suny Monk of Second Stage presented the Board the annual report. Ms. Monk reported that the building is now 100% rented. They are currently working with the Agricultural Committee to support the local farmer's market and a summer program for middle school students focusing on the arts.

Ms. Monk thanked the Board for their support and renewal of Second Stage's lease.

Board members Pugh and Ayers thanked Ms. Monk and Second Stage for all that has been developed with the building over the past seven years.

**VII. Old Business**

- A. Landfill Discussion

County Administrator Rodgers opened the discussion regarding County landfill options. He advised the Board needed to decide how to spend the \$4M bond money for waste disposal, which must be spent by May 5, 2020. Several options the Board needed to consider would be to build the second landfill cell, build a transfer station at the existing landfill or at the Riverview Road site, or use the transfer station that is proposed in Appomattox County.

Mr. Rodgers stated that representatives of County Waste, Draper Aden Associates, and the county's former bond counsel were present to answer questions from the Board.

Mr. Steve Johnson, former attorney with Troutman Sanders Law Firm and bond counsel for Amherst County, provided an overview of the bond money that was issued May 5, 2017 for waste disposal in the county. He outlined the implications if the money was not spent by May 5, 2020, and emphasized that a decision needed to be made fairly quickly.

Mr. Jerry Cifor, President of County Waste Virginia, provided information on building drop off centers and a transfer station.

Mr. Delbert Beasley, Amherst County waste expert, outlined the different types of trailers, the cost per payload and using the trailers to maximum capacity.

Ms. Klappich of Draper Aden Associates, addressed DEQ regulations and suggested the possibility of permitting a small transfer station that could be used only as a drop off center.

There followed a discussion of several options including building a transfer station, spending funds to close the existing landfill, examining the costs of tipping fees, and logistics of the costs of operating a county transfer station. The idea of building a pre-transfer station was also raised.

Chairman Ayers thanked Mr. Johnson, Mr. Cifor, Mr. Beasley and Ms. Klappich, for providing their expert information on the solid waste options for the County.

By motion of Vice-Chair Campbell and with the following vote, the Board directed staff to work up cost estimates for a transfer or pre-transfer station at the landfill and at the Riverview Road landfill, and to develop costs for possible convenience centers at the current landfill, at the Riverview Road site, at a site somewhere along Rt. 60 West, at Boxwood Farm Road as well as costs that might be contributed to the Dodds Store site, and also a self-operated single compactor at or near Long Mountain.

AYE: Mr. Ayers, Mr. Campbell Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

#### **VIII. New Business**

##### **A. County Fair Appropriation**

Finance Director Stacey Wilkes advised the Agricultural Committee has requested an additional \$35,000 seed money for the 2019 County Fair.

By motion of Supervisor Tucker and with the following vote, the Board appropriated \$35,000 to the 2019 Amherst County Fair from the unobligated General Fund balance.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

##### **B. VCA Grant - Second Stage**

Finance Director Stacey Wilkes advised that each year the County applies for a grant to assist Second Stage in developing their programs. The grant, which is from the Virginia Commission for the Arts (VCA), would require a \$4,500 match from the County.

By motion of Supervisor Tucker and with the following vote the Board approved the VCA grant application and appropriate the local match of \$4,500 in the FY 2020 budget.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

**IX. County Administrator's Report**

A. Boards/Commissions/Committees - Board of Zoning Appeals

County Administrator Rodgers addressed the Board regarding the term of Ms. Barbara Woody, which expires on February 3, 2019. Ms. Woody has asked to be re-appointed.

Staff advertised the vacancy in the News & Advance on January 6, 2019 and in the New Era Progress on January 10, 2019. Staff did not receive additional letters of interest from the public. The closing date was January 31, 2019.

By motion of Chairman Ayers and with the following vote, the Board recommended to the Amherst County Circuit Court that Ms. Barbara Woody be re-appointed to serve another term on the Board of Zoning Appeals Board.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

**X. County Attorney's Report**

A. Winton Update

County Attorney Lockaby advised the Winton property is scheduled to close on February 7, 2019 at 10:00 a.m. He said the initial contract stated a closing date of January 31, 2019; however, Mr. Lockaby said all parties have agreed to close on the February 7<sup>th</sup>. He asked for the Board's approval.

By motion of Supervisor Tucker and with the following vote, the Board approved the Winton County Club real estate closing to take place on February 7, 2019.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

Mr. Lockaby advised the Board on the following:

- Comcast has asked to renew its cable franchise agreement with Amherst County. There will be some negotiation on that process and he will be working on this.
- The Broadband project has applied for a grant from the Department of Housing and Community Development. Comcast has filed a challenge. He is looking into a response to that challenge.
- Several months ago the Sheriff's office requested an ordinance regarding parade/unlawful assembly. He will reactivate this request and bring back to the Board.

**XI. Liaison and Committee Reports**

A. Lynchburg Regional Business Alliance Report

B. Local Government Council, January 17, 2019



For Board information only.

**XII. Departmental Reports**

A. Departmental Spotlight - IT

IT Director Jackie Viar presented an overview of her department.

B. EDA Quarterly Report

EDA Director Victoria Hanson presented the following reports with an explanation to the Board:

- EDA Quarterly Financials Sept. 2018
- EDA FY18-19 Action Plan Updated
- EDA Strategic Plan Update 12-18 Operation Good News

Ms. Hanson thanked the Board for their continued support of the EDA.

C. Treasurer's Monthly Report

**XIII. Citizen Comment**

There was no public comment.

**XIV. Matters from Members of the Board of Supervisors**

Supervisor Tucker had no matter to discuss.

Supervisor Moore had no matter to discuss.

Supervisor Pugh had no matter to discuss.

Vice-Chair Campbell had no matter to discuss.

Chairman Ayers had no matter to discuss.

**XV. Closed Session**

A. A closed session under Section 2.2-3711(A)(7) of the Code of Virginia, 1950, as amended, for the purpose of consultation with legal counsel and briefings by staff members or consultants pertaining to actual or probable litigation, where such consultation or briefing in open meeting would adversely affect the negotiating or litigating posture of the County, specifically relating to the opioid crisis.

Supervisor Tucker moved that the Amherst County Board of Supervisors convene in closed session under Section 2.2-3711(A)(7) of the Code of Virginia, 1950, as amended, for the purpose of consultation with legal counsel and briefings by staff members or consultants pertaining to actual or probable litigation, where such consultation or briefing in open meeting would adversely affect the negotiating or litigating posture of the County, specifically relating to the opioid crisis.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

Chairman Ayers motioned to come out of closed session and was approved with the following vote:

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

**CERTIFICATION OF CLOSED MEETING**

Supervisor Tucker moved that the Amherst County Board of Supervisors certify by a recorded vote that, to the best of each Board member's knowledge, only public business matters lawfully exempted from the open meeting requirements of the Virginia Freedom of Information Act and identified in the motion authorizing the closed session were heard, discussed, or considered in the closed session.

Mr. Ayers	AYE
Mr. Campbell	AYE
Mr. Pugh	AYE
Ms. Moore	AYE
Ms. Tucker	AYE

**XVI. Adjournment**

By motion of Vice-Chair Campbell and with the following vote, the Board adjourned at 3:19 p.m.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

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L. J. Ayers III, Chairman  
Amherst County Board of Supervisors

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Dean C. Rodgers, Clerk

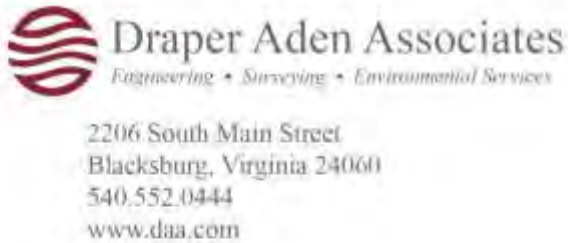
## Projects Status Report

Project Name	Next Milestone	Current Status
Tornado Response	Support by Long Term Recovery Group (LTRG) to disaster families	ADRG has received 30 applications for assistance. 8 have been closed as completed. Planning publicity for 15 Apr anniversary.
Dodds Store Convenience Center	Complete construction 6 months from notice to proceed.	Awaiting CVEC power contract. With that we can sign construction contract and issue notice to proceed.
Old Town Madison Heights	Begin construction rehab work.	5 homes receiving rehab. Continuing to sign homeowners up for house rehabs. Construction likely to begin in April. Sewer line camera work 75% complete. 30-day extension due to weather. Portions of line must be replaced before lining occurs.
Central Virginia Training Ctr	Funding for demolition and redevelopment plan from General Assembly.	DBHDS received PPEA offer on 5-bldg lower campus from Horizon Behavioral Health. Alliance/LGC seeking Gen Assmby funding for demolition and redevelopment plan. DBHDS seeking cert of satisfactory remediation in 2020.
Landfill v. Transfer Station	Decision regarding use of \$4M by March 5	DAA is tasked with analyzing costs of transfer station at 2 separate locations, as well as a pre-transfer station. H&P is tasked with developing costs for additional convenience centers.
Winton Property	1yr to apply for PUD zoning 1yr to convey conserv easmnt Then 6mo to convey fairgrnd	The sale closed 7 Feb 19. Fairground Shared Usage Agrmt under negotiation.
Broadband	Begin mounting equipment on towers	FCC licensing is still causing delay. Ready to install w/in 2wks but still need FCC approval. Now plan to do 2 towers at a time to speed up whole process.
<b>BUSINESS FRIENDLINESS</b>	<b>INITIATIVES</b>	
Ordinance Review	Ordinance changes presented for BoS approval	2 proposals to PC public hearing on 21 Feb. (administrative variances; density & parking)
Zoning Special Exceptions	Reduce # of exceptions	PC public hearing on 21 Feb to add 6 special exceptions, add 18 'by right' exceptions, and zoning administrator leniency provisions.
Tax structure, fees, and incentives	Propose ordinance changes by September 2019	At 27 Nov workshop, BoS directed staff to end Merchant's Capital Tax, replace it with additions to BPOL tax and adjust depreciation rates to make revenue neutral changes that are friendly to all businesses. Staff drafting ordinance changes.
Policies to replace ordinances	List of proposed changes	Stakeholder proposals presented to PC on 21 Feb



## **AGENDA ITEM**

Website review	"Doing Business" in AC page	County website info continually updated. Awaiting EDA input on further county website changes. EDA "how to start a business" web page under review by Blair Marketing web design.
Startup Kits	Kits created & published	EDA has compiled worksheets to load onto website when new web page design in place.



January 14, 2019

Mr. David Proffitt, Assistant County Administrator  
Amherst County  
P.O. Box 390  
Amherst VA 24521

**RE: Proposal for Engineering Services  
Amherst County Option Evaluation – Additional Services  
Evaluation of collection sites and additional transfer operations  
Draper Aden Associates Proposal No. B05176-109B**

Dear Mr. Proffitt:

On behalf of Draper Aden Associates, thank you for allowing us the opportunity to present our proposal for professional engineering services for provision of additional services related to the option evaluation provided by Draper Aden Associates in 2018. The services required were listed in a scope of services provided by Amherst County on Friday, January 4, 2019. The work will be completed in accordance with the Master Agreement between Draper Aden Associates and Amherst County dated June 21, 2017.

**I. PROJECT DESCRIPTION**

Since early 2018, Amherst County and Draper Aden Associates have been involved in an analysis of the County's various disposal options, the outcome of which could significantly impact the future of your solid waste management program. A final report prepared by Draper Aden Associates, dated May 15, 2018 was presented to the Board of Supervisors on June 5, 2018 at which time the Board requested additional information. Another meeting was held with the Board of Supervisors on September 4, 2018, followed by a public meeting held on October 2, 2018 at which meeting input was taken by the Board from citizens in regards to various disposal options. After this meeting, the Board has continued to explore its options internally and with various outside entities.

Based on our discussions to date including our meeting with County Waste of Virginia (CWV) on November 28, 2018, it is likely that the County will move from its landfill operation (with construction of the next cell scheduled for 2019), to some kind of transfer operation, which could become operational in 2 – 3 years if constructed by the County. However, additional options are under consideration given the opportunities recently presented by CWV relative to its future plans for operations in Central Virginia. Of key importance and interest to the County is the potential construction of a CWV transfer station in Concord, Virginia stated by CWV to be constructed and operational within one year.

As we know, the challenge to the County at this time, is the usage of a loan which was previously obtained by the County for the construction of the next landfill cell. This loan is approximately \$4.0M and previous discussions on options have indicated that it could fund not only the construction of a transfer station at the Kentmoor Farm site but also closure of Cell 1 of the landfill.

In the course of follow up conversations with the County and CWV, the County has determined that another option for the loan might be to construct new or to improve existing convenience centers with consideration of transport of the waste to the proposed CWV transfer station or to Region 2000. The subject of this proposal and the requested services relate to this new option.

## **II. SCOPE OF SERVICES**

On Friday, January 4, 2019, the County provided Draper Aden Associates with a scope of services for the additional evaluation. Later that day, we had a discussion that helped clarify the scope provided. Below is our Scope of Work based on the information provided by the County:

### **Phase 1 - Verification of Assumptions from Previous Evaluation**

Under this phase, Draper Aden Associates will revisit the assumptions and information provided in the report entitled, "Amherst County – Disposal Option Evaluation," dated May 15, 2018 and follow up information provided to the Board of Supervisors at various meetings. Specifically we will consider:

- **Task 1** - Update of information as may be appropriate for continued operation, by the County of its existing landfill. For the evaluation, it is assumed that this facility would receive residential and commercial waste for disposal at the landfill, with disposal and handling of household hazardous materials, recyclables, green waste, etc. to continue at the existing landfill location. This will require discussions with the Public Works Director and/or Finance Director to determine if personnel, equipment, or material cost assumptions have changed since the original report. Given that the County is involved in budget preparations for FY 2020, this is an appropriate time for these discussions.

Part of this evaluation, to support activities under Phase 2, will require determination of costs associated directly with the wood waste handling, metals recycling and other peripheral activities at the landfill that may be continued even if the landfill is closed. This was not considered in the previous evaluation as either facility under consideration, e.g. landfill or transfer station were to be located at Kentmoor Farm Road and would have supported these operations with existing personnel and equipment. Under options below, the transfer operation may be located elsewhere and hence additional costs may be incurred to handle these materials.



Importantly, given the discussion with CWV and the probable transfer station at Concord, Virginia, it is appropriate for this option to be evaluated in light of the potential loss of a significant portion of the CWV tonnage. The County can provide us with this tonnage.

- **Task 2** - Update information as may be appropriate for closure of the County's landfill. This could include timing of closure given the current landfill operations, potential loss of CWV waste in the next year or so, and configuration. While major changes in the cost for closure of the landfill are not anticipated it is appropriate to reconsider construction costs based on the current market.
- **Task 3** - Update information as may be appropriate for development of a transfer station as located in the previous evaluation. For the evaluation, it is assumed that this facility would receive residential and commercial waste for transport outside of the County, with disposal and handling of household hazardous materials, recyclables, green waste, etc. to continue at the existing landfill location.

Information to be re-evaluated would be infrastructure construction costs, transport and disposal costs to a landfill outside of the County, and operation of the transfer station. Operations of the transfer station will require discussion with the Public Works Director and/or Finance Director on personnel, equipment and materials. It is not anticipated that significant changes in costs will occur; however the CWV – Green Ridge Recycling and Disposal Facility in Cumberland County will be considered as an alternate disposal site.

For this evaluation, no change in the design of the facility is considered, i.e. the facility will continue to be considered as a top-load non-mechanical operation. In addition, no improvements to Kentmoor Farm Road will be considered as this was not part of the previous discussion.

Importantly, given the discussion with CWV and the probable transfer station at Concord, Virginia, it is appropriate for this option to be evaluated in light of the potential loss of a significant portion of the CWV tonnage. The County can provide us with this tonnage.

At the end of this phase a memorandum summarizing our findings will be provided. Two meetings with the County are included under this Phase. This Phase will be billed on an hourly not to exceed basis.

## **Phase 2 – Evaluation of Alternate Transfer Options**

Under this phase, Draper Aden Associates will consider the newer options discussed after our meeting with CWV on November 28, 2018. Specifically at that meeting new ideas that were discussed included the following:

- Construction of a transfer station at Riverview Road site (Permit 216) including use of a mechanical load system.
- Direct haul from the County's convenience centers to the probable transfer station at Concord, Virginia without the construction of a transfer station.
- Development of several additional convenience centers to replace the older container sites.

Below is the list of requested services relative to this as provided by the County on January 4, 2019.

- **Task 1** - Closure of the County's landfill and development of a transfer station at its Riverview Road (Permit 216) site. For the evaluation, it is assumed that this facility would receive residential and commercial waste for transport outside of the County, with disposal and handling of household hazardous materials, recyclables, green waste, etc. to continue at the existing landfill location. On November 19, 2018, the County was provided with a detailed conceptual analysis of the construction of a top load, non-mechanical transfer station. The analysis included a comparison of the capital costs of this option against the facility at Kentmoor Farm Road.

Under this task, Draper Aden Associates will utilize the capital costs for the facility as provided in November 2018 and expand the evaluation to include cost for operation, transport, hauling and continued operations at the existing Kentmoor Farm Road site for green waste, metals recycling and other operations as requested by the County. The County must provide information on these operations.

Importantly, given the discussion with CWV and the probable transfer station at Concord, Virginia, it is appropriate for this option to be evaluated in light of the potential loss of a significant portion of the CWV tonnage. The County can provide us with this tonnage.

In addition, based on our discussion with CWV, we will provide an alternate design considering a slab on grade, mechanical operation as described by CWV. As I have indicated, I have been in communication with Marathon Equipment and they have some alternate ideas to the Blok-Pak described by CWV. This operation will be considered on the eastern side of the pipeline. We will provide the capital cost for the operation including equipment for comparison purposes.

It should be noted that since this site was used for waste disposal and since there is limited information on the actual location of the disposal areas, this site is a high risk for potential issues with the subsurface conditions.

- **Task 2** – Utilization by the County of the proposed CWV transfer station in Concord, Virginia as described by CWV with disposal and handling of household hazardous materials, recyclables, green waste, etc. to continue at the existing landfill location. Under this option, the County would only be responsible for costs associated with use of the CWV transfer station for waste collected from the County's convenience centers and other County owned or

operated facilities (e.g. schools). All other waste generated by others including but not limited to the Town of Amherst, commercial and business sector and other CWV collections would be handled directly by the waste generator, which could include use of the CWV facility, Region 2000, or other transfer or disposal facility. Costs for the other generators would not be addressed under this task.

To evaluate this option, the discussion will center around the cost to transport waste to the proposed Concord transfer station, and around the tipping fee quoted by CWV at our meeting i.e. \$50/ton. This fee includes the operation by CWV of the transfer station, and all hauling and disposal costs. The County incurs limited liability through the use of this facility with actual liability defined by contract.

Convenience center collection and transport costs will be provided by the County on either a per mile or per ton basis. It should be noted that some assumptions will be needed for estimation of tonnage and therefor hauls from any new facilities. The County will assist with these estimates.

Currently, Draper Aden Associates has a copy of the contract between Botetourt County and CWV for the operation of a future transfer station in Botetourt County. (This is public information.) Assumptions included in this contract relative to annual CPI index increases and other items will be considered under this option as they may impact the County's future costs.

At the end of this phase a memorandum summarizing our findings will be provided. Two meetings with the County are included under this Phase. This Phase will be billed on an hourly not to exceed basis.

### **Phase 3 – Evaluation of Collection System Improvements**

In consideration of required improvements to the County's collection system and the removal of the last remaining in-ground sites from further usage as required by CWV, the County would like to consider various collection system improvements. Draper Aden Associates has been requested to provide analysis and cost estimates for several solid waste collection system improvements. Based on our discussion, the County would like to provide "complete" conceptual costs to include conceptual capital construction costs, equipment costs and operations. Equipment costs for compactors, roll off boxes, and attendant shed will be provided by the appropriate vendors. Operations costs to include personnel, utilities, maintenance and hauling must be provided by the County and can be based on the operations at existing facilities.

It is our understanding that any new site or generic site should consider one-compactor and two recycling bins (Similar to the recently designed collection center). It is assumed that bulky waste will be taken directly to the landfill if operational, transfer station if constructed or collection center at the landfill if designed appropriately for receipt of bulky waste.



The following scope of services will be based on using readily, available information and observations during one site visit.

**Task 1** – Draper Aden Associates will prepare up to two concept designs, and refine one option, based on County comments, for a staffed convenience center on property purchased by the County adjacent to its current Boxwood Farm Road site. We will develop an opinion of probable project cost for the chosen concept, which will include capital construction costs, equipment and operations. It is our understanding that the County has purchased this property and that a home had once set on this site but burned. The County has indicated that a well and potential septic system may be available. Task will be billed on a lump sum/% complete basis.

**Task 2** – Draper Aden Associates will meet with the County to discuss and consider alternatives for the concept plan for a staffed convenience center at the current Kentmoor Farm Road landfill property submitted to the County on December 20, 2017. Based on your input, we will revise the concept plan and develop an opinion of probable project cost for the refined concept, which will include capital construction costs, equipment and operations. Task will be billed on a lump sum basis/% complete basis.

**Task 3** – Draper Aden Associates will provide a generic sketch plan and order of magnitude opinion of probable project costs for a hypothetical staffed convenience placed at an unknown location at which land could be obtained. For this concept the County advised us to assume the site is flat. The generic sketch plan and order of magnitude estimate will also assume the following conditions.

1. Site distance is adequate.
2. A convenience center is allowable under current zoning.
3. Turning lanes are not required.
4. One compactor and two recycling roll-offs will be installed.
5. 3-phase power is available or alternate equipment will be used.
6. Subsurface conditions are suitable.
7. Future site is not in a flood plain nor have wetlands present.
8. Minimal earthwork will be needed to provide positive drainage.
9. Total land disturbance area will be less than one acre.
10. Relocation of existing infrastructure (utilities and roadways) will not be required.

The order of magnitude estimates provided will be generic in nature and will not be suitable for budgeting, as actual costs can be greatly affected by specific site conditions and location, and permitting requirements. This should be considered as a baseline only. Task will be billed on a lump sum/% complete basis.

**Task 4** – Draper Aden Associates will prepare one concept design for each site, and refine each option, based on County comments, for upgrades at the existing Coolwell (580 Coolwell Road, Amherst VA) and Pedlar Convenience Center (4102 Buffalo Springs Turnpike, Elon, VA) sites, to include an additional compactor operation at each. We will develop an opinion of probable project cost for the chosen concept, which will include capital construction costs, equipment and operations. Below are aerial photos from Google maps indicating the “current” condition of the site. While there appears to be sufficient space at Coolwell for an expansion, the Pedlar site may pose a significant challenge. Task will be billed on a lump sum/% complete basis.



Coolwell Site – Google Maps



Pedlar Convenience Center – Google Maps

**Task 5**– Draper Aden Associates will prepare up to two concept designs, and refine one option, based on County comments, for a staffed convenience center on the County’s Riverview Road property (Permit 216) with consideration of future expansion as a transfer station (mechanical load option only). We will develop an opinion of probable project cost for the chosen concept, which will include capital construction costs, equipment and operations. Fee will be evaluated after Phase 2 is completed.

At the end of this phase, Draper Aden Associates will prepare a letter report including the concept plans and a summary of our findings and recommendations. We will provide this letter as a draft in PDF format

for your review and comment. Based on your comments, we will finalize the report and deliver a PDF and one hard copy to the County. We will attend two meetings with the County as part of this phase.

#### **Phase 4 – Presentations and Meetings with County and Board of Supervisors**

At this time, we are assuming that two meetings with County staff are included under each phase above. However, it is probable that several meetings with the Board of Supervisors may also be required. Previous meetings with the Board have included the preparation of a PowerPoint, attendance at the meeting and some follow-up. Under this Phase we are provided a fee on a per meeting basis for meetings other than those include in the phases above.

### **III. ASSUMPTIONS**

Assumptions for the evaluations for Phases 1 and 2 will remain similar to those outlined in the report dated May 15, 2018, Section 1.3, Pages 6 and 7.

Assumptions for the evaluation for Phase 3 include the following:

- Work will be based on VGIN or other topographic information which is NOT suitable for final design but can be used for the conceptual and generic evaluations. The County will be responsible for providing information on any utilities at the site(s) as may be required.
- Analysis and/or evaluation of off-site utility, stormwater management, roadway, and other improvements are not included in this scope of services. Improvements to adjacent roadways are not included in this proposal.
- Assumptions relative to utility or E&S requirements will be generic only as specific information on each site is not available for our use.
- For the evaluations, the utilities that may need to be addressed include sanitary sewer, storm sewer, potable water, and electricity. The County will be responsible for providing information on any utilities at the site(s) as may be required.
- The concept design provided conceptual only and not suitable for construction. The concept plans and estimates will be prepared without benefit of, and not limited to, topographic surveys, site distance evaluations, environmental review, and geotechnical information. They are suitable for planning purposes and contain a 20% contingency.
- Operational costs will be provided by the County.
- Equipment costs will be provided by the appropriate Vendor.
- Construction costs will be based on best available data from VDOT bid tabulations and other sources All electronic information, data, and documents provided to us from any party will be in a format suitable for direct use by Draper Aden Associates and will not require any significant reformatting or conversion. We are not responsible for the accuracy of information provided to us by the County for use on this project.
- If the scope of the project is revised by any party after acceptance of this proposal, we reserve the right to re-negotiate our schedule and fee accordingly.



- Any additional out-of-town travel or meetings authorized by your office will be invoiced on a time and materials basis in addition to the fee presented herein.

#### **IV. DELIVERABLES**

Deliverables have been indicated under each task above.

#### **V. SCHEDULE**

The County has indicated that it would like to have this information for Phases 1 and 2 for presentation to the Board of Supervisors at their March 5, 2019 meeting with a potential follow up meeting on March 19, 2019. The schedule for Phase 3 will be determined after Phases 1 and 2 are completed.

#### **VI. FEES**

The County has requested that the fees be broken out so that they can determine the work that can be supported under their existing budget. The following table summarizes the fees as requested:

<b>ACTIVITY</b>	<b>DESCRIPTION</b>	<b>FEE</b>
Phase 1	Verification of assumptions from previous report	\$8,500
Phase 2	Evaluation of alternate transfer options	\$8,100
Phase 3	Evaluation of collection system improvements	Per task as requested
Task 1	Boxwood Farm Road	\$5,700
Task 2	Kentmoor Farm Road	\$5,200
Task 3	Hypothetical site	\$5,300
Task 4	Improvements to Coolwell and Pedlar	\$4,300
Task 5	Riverview Road	\$5,800
Phase 4	BOS meetings	\$1,200

#### **VII. SUPPLEMENTAL SERVICES**

If necessary or requested, we can provide the following supplemental services in addition to those outlined above, including, but not limited to, the following:

- Assistance with RFPs or negotiations with third party solid waste providers.
- Presentation graphics and/or attendance or presentations at meetings, beyond what is included above.

- Additional topographic, boundary, easement, or right-of-way and utility surveys, beyond what is included above, and preparation of easement plats.
- Subsurface utility engineering.
- Site electrical, lighting, data, and communication system design; irrigation system design.
- Structural design, including any site retaining walls above three feet in height.
- Environmental services and/or geotechnical services.
- Traffic studies.
- Floodplain studies and/or permitting
- Capacity analysis of existing utility systems.
- Analysis of or design of upgrades, extensions, or relocations to existing off-site utilities or off-site road improvements.
- Bid and construction phase services, including but not limited to, inspection services, construction quality assurance/quality control, special inspections, materials testing, field survey and stake out, etc.
- Preparation of record drawings and as-built surveys, including a stormwater management facility as-built certification report. Please note the stormwater management certification report is a requirement by the Virginia Stormwater Management Program; we will provide a fee once the stormwater management facility(ies) are selected for this project.

## **VIII. LIMITATIONS**

Conceptual designs and costs are based on available information and are not construction documents or opinions of probable construction costs. They are for planning and comparison purposes only.

Draper Aden Associates conceptual costs are made on the basis of Engineer's experience and qualifications as well as information provided by others. Our costs represent our best judgment given the information available for the evaluations. However, we have no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, we cannot and do not guarantee that final designs, or bid costs will not vary from the conceptual designs or estimates provided for this work.

Our scope sets forth our understanding of the work which was used for development of our fees. Any additional services requested can be undertaken on a time and material basis or negotiated lump sum fee based on your requirements in addition to the fees outlined herein. If any additional services should become necessary or desirable, a Request for Additional Services will be submitted.

On behalf of Draper Aden Associates, thank you for giving us the opportunity to provide our proposal for engineering services. If this proposal meets with your approval, please sign the Authorization to Proceed below and return it to us. Please keep a copy of the proposal for your records.

We look forward to working with you on this project. Please do not hesitate to contact us if you have any questions or require any additional information.

Sincerely,

**Draper Aden Associates**

A handwritten signature in blue ink that reads "Carolyn A. Howard".

Carolyn A. Howard, P.E.,  
Vice President

A handwritten signature in blue ink that reads "Lynn P. Klappich".

Lynn P. Klappich, CSI, CCCA  
WRE Program manager

Attachments: None

cc: Mr. Dean Rodgers, County Administrator  
Mr. Keith Stevens, County Public Works Director  
Mr. Don Marickovich, P.E., DAA



**AUTHORIZATION TO PROCEED**

**Proposal for Engineer Services  
AMHERST COUNTY – OPTIONS EVALUATION – ADDITIONAL SERVICES  
Draper Aden Associates Proposal No. B051760109B**

I/We agree and accept Draper Aden Associates' proposal to provide the above described services. Please check below those Phases being authorized:

- ☐ Phase 1 – Verification of Assumptions from Previous Evaluations
- ☐ Phase 2 – Evaluation of Alternate Transfer Options
- ☐ Phase 3 – Evaluation of Collection System Improvements

We understand the Scope of Services as provided herein and agree to the fees estimated for these services. We further acknowledge that Draper Aden Associates will provide a proposal for any change in the Scope of Services described herein and that a signed agreement to provide those additional services will be executed prior to any work being performed.

---

Printed Name

Title

---

Signature

Date

## Memorandum

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**To:** Mr. Dean Rodgers, Amherst County Administrator  
**From:** Ms. Lynn P. Klappich, Program Manager  
**Date:** March 4, 2019  
**Project Name:** Amherst Options Evaluation  
**Project Number:** B05176-109/109B  
**Subject:** Comparison of Transfer Station Options  
**cc:** Board of Supervisors, David Proffitt, Keith Stevens, Don Marickovich

---

As requested, Draper Aden Associates has considered several options for the location of a transfer station in Amherst County. For this evaluation, it was assumed that any options would receive the current tonnage received at the landfill, an average of 24,600 tons per year and that the facility would need to be constructed, permitted and operational in two years $\pm$ .

Two sites were chosen for this evaluation. The first site (Option 1) was the landfill site at a location within the facility property as generally identified in our original report dated May 15, 2018. There is significant area at the landfill for placement of a transfer station without limiting use of the site for future solid waste operations. The second site (Option 2) was located on Riverview Road at an older landfill site identified in VDEQ records as Permit 216. See location maps provided in Attachment 1.

Draper Aden Associates met with the County staff and representatives of the Virginia Department of Transportation for preparation of this memorandum on February 19, 2019. We have also been in communication with VDEQ relative to the Riverview Road site.

Based on just the site locations, a table included in Attachment 2 was prepared to summarize the advantages and disadvantages for each option. Review of this table will indicate that the primary advantage of the landfill site is the available area and existing infrastructure, while the primary advantage of the Riverview Road site is its proximity to a major primary road (Route 29). The disadvantage of the landfill site is potentially the transportation routes to the site, while the disadvantages of the Riverview Road site include its previous usage as a landfill, higher risk, and limited space.

Because of the location, each site comes with a different set of design criteria. Key design elements or assumptions for each option are summarized in a table in Attachment 2. A key difference between Option 1 and 2 is the use of a passive load system for Option 1 and a mechanical/compactor loading system for Option 2. Information on the Marathon compaction equipment including schematic and quote are included in Attachment 3.

Conceptual layouts for each facility have been completed and are included in Attachment 4 to this memorandum.

- Figure CP-1A – Option 1A - Concept Plan – Landfill Site – original report layout - Plan
- Figure CP-1B – Option 1B - Concept Plan – Landfill Site – modified to east – Plan
- Figure CP-2A – Option 2 - Concept Plan – Riverview Road – Western site – Plan

Table 1 summarizes the earthwork and construction quantities bases on the conceptual layouts.

**TABLE 1**  
**AMHERST COUNTY TRANSFER STATION EVALUATION**  
**EARTHWORK AND CONSTRUCTION CONCEPTUAL QUANTITIES**

<b>ITEM</b>	<b>OPTION 1 Existing Landfill (Cell 3/4 area)</b>	<b>OPTION 2 Riverview Road site West side</b>
Subsurface investigation	Standard for foundation design	Atypical Will need to identify waste location, waste depth and depth/type of cover
Wetland permitting	None required	Potentially required. Delineation will be needed if impact to the ravine.
Building	No changes from previous report	Foundation will be significantly more expensive if waste found under facility.
Compaction equipment	Not required	Assumed to be required to reduce cut
Infrastructure		
Entrance improvements	Required	Required



ITEM	OPTION 1 Existing Landfill (Cell 3/4 area)	OPTION 2 Riverview Road site West side
Landscaping plan	Not required	Required
Scales and scalehouse	Not required although relocation may be preferable	Required
Office	Not required	Required
Sewer or septic	At office	Not known at this time
Water	At office	Public water appears to be available
Estimated total area of disturbance	8+ acres	7+ acres
Access Road	2,200± lf	2,300± lf
Concrete staging pad	9,500± sf	10,000± sf
Trailer Storage areas	Significant area available	Very limited area
Excavation (exclusive of sediment basins)	7,200± cy Can be used for fill	6,100± cy Assumed waste/soil mix that would need to be transported to landfill for disposal.
Fill	21,300± cy On-site material	62,800± cy Off-site material
Major storm drain piping	Not required	285± lf
Chain link fencing - frontage	Not required	2,100± lf
Woven wire fencing	Not required	4,300± lf

Based on these conceptual plans as referenced above and the estimated quantities, we have prepared conceptual costs for each option as summarized in the table below. It is assumed that each structure regardless of option would be approximately 8,000 square feet. Site work includes site preparation, erosion control and stormwater management, road construction, fencing, landscaping, and electrical. Site work includes a 10% contingency. Compaction equipment cost provided by Marathon. Building cost and special foundation provided by architect.

**TABLE 2**  
**AMHERST COUNTY TRANSFER STATION EVALUATION**  
**CONCEPTUAL CAPITAL COSTS**

<b>ITEM</b>	<b>OPTION 1 Existing Landfill (Cell 3/4 area)</b>	<b>OPTION 2 Riverview Road site West side</b>
Building	\$820,000±	\$820,000±
Special foundation	Not required	\$300,000±
Landfill gas control system	Not required	\$30,000±
Compaction equipment	\$0	\$330,000±
Entrance improvements	\$100,000	\$120,000
Scales and scalehouse	Not required	\$250,000
Sitework	\$1,120,000	\$2,717,000
<b>Subtotal</b>	<b>\$2,040,000</b>	<b>\$4,567,000</b>
Engineering and permitting	\$200,000	\$300,000
<b>TOTAL</b>	<b>\$2,240,000</b>	<b>\$4,867,000</b>

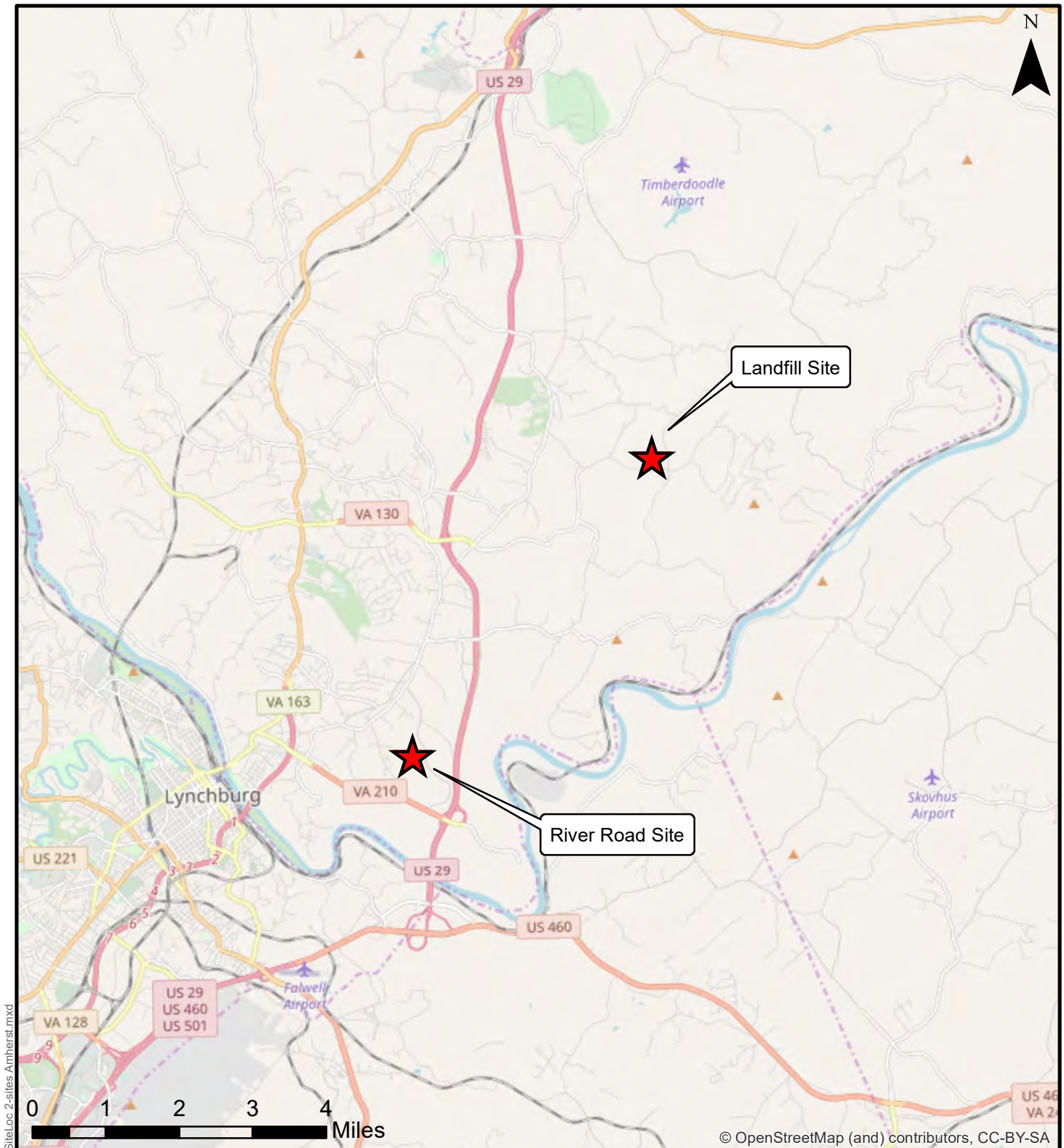
Table 2 indicates that the Riverview Road site development costs will exceed the current loan. Based on this conceptual analysis and considering the risks associated with development at the Riverview Road site, the Riverview Road site was dropped from further consideration for use as a transfer station. However, the Riverview Road site does appear to be suitable for use as a convenience center site which would require much less infrastructure and disturbance to the site.

**ATTACHMENTS:**

- Attachment 1 – Location maps
- Attachment 2 – Advantages and Disadvantages of sites and Design Criteria
- Attachment 3 – Marathon Equipment Information
- Attachment 4 – Conceptual Layouts

**Attachment 1**  
**Location maps**





## Site Locations

Two Sites  
Amherst Co, Va

SCALE: 1:120,000

PROJECT: B05176-109B



**Draper Aden Associates**

*Engineering • Surveying • Environmental Services*

2206 South Main Street  
Blacksburg, VA 24060  
540-552-0444 Fax: 540-552-0291

Richmond, VA  
Charlottesville, VA  
Hampton Roads, VA

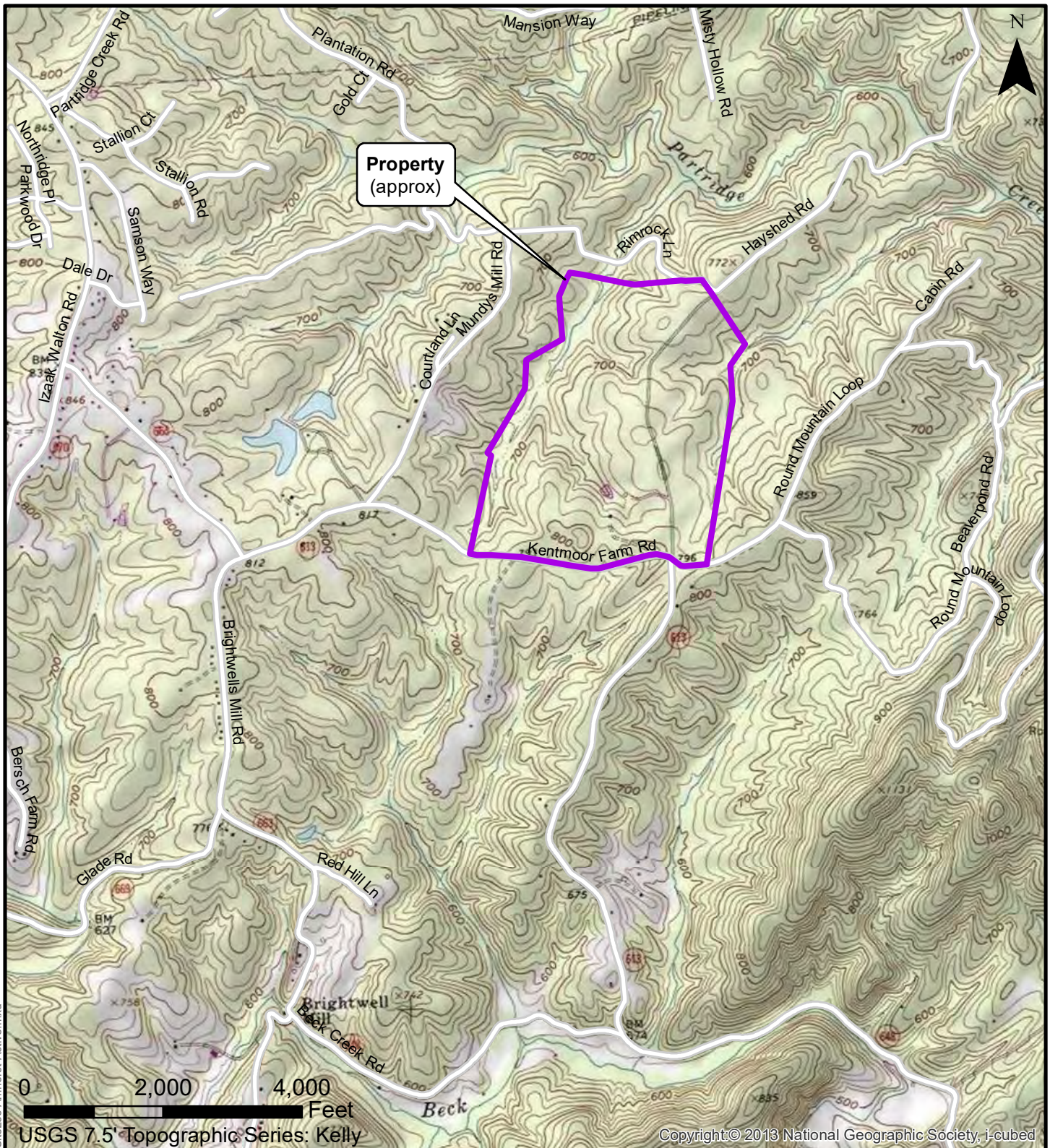
Raleigh, NC  
Fayetteville, NC  
Northern Virginia

DESIGNED: LPK  
DRAWN: SMF  
CHECKED: LPK  
DATE: 2-25-19

**FIGURE**

**1**





## Site Location

Amherst County Active Landfill  
 DEQ Permit #563  
 Rt.613 - Kentmoor Farm Rd - Amherst Co, Va

SCALE: 1" = 2000'

PROJECT: B05176-109B



**Draper Aden Associates**

*Engineering • Surveying • Environmental Services*

2206 South Main Street  
 Blacksburg, VA 24060  
 540-552-0444 Fax: 540-552-0291

Richmond, VA  
 Charlottesville, VA  
 Hampton Roads, VA

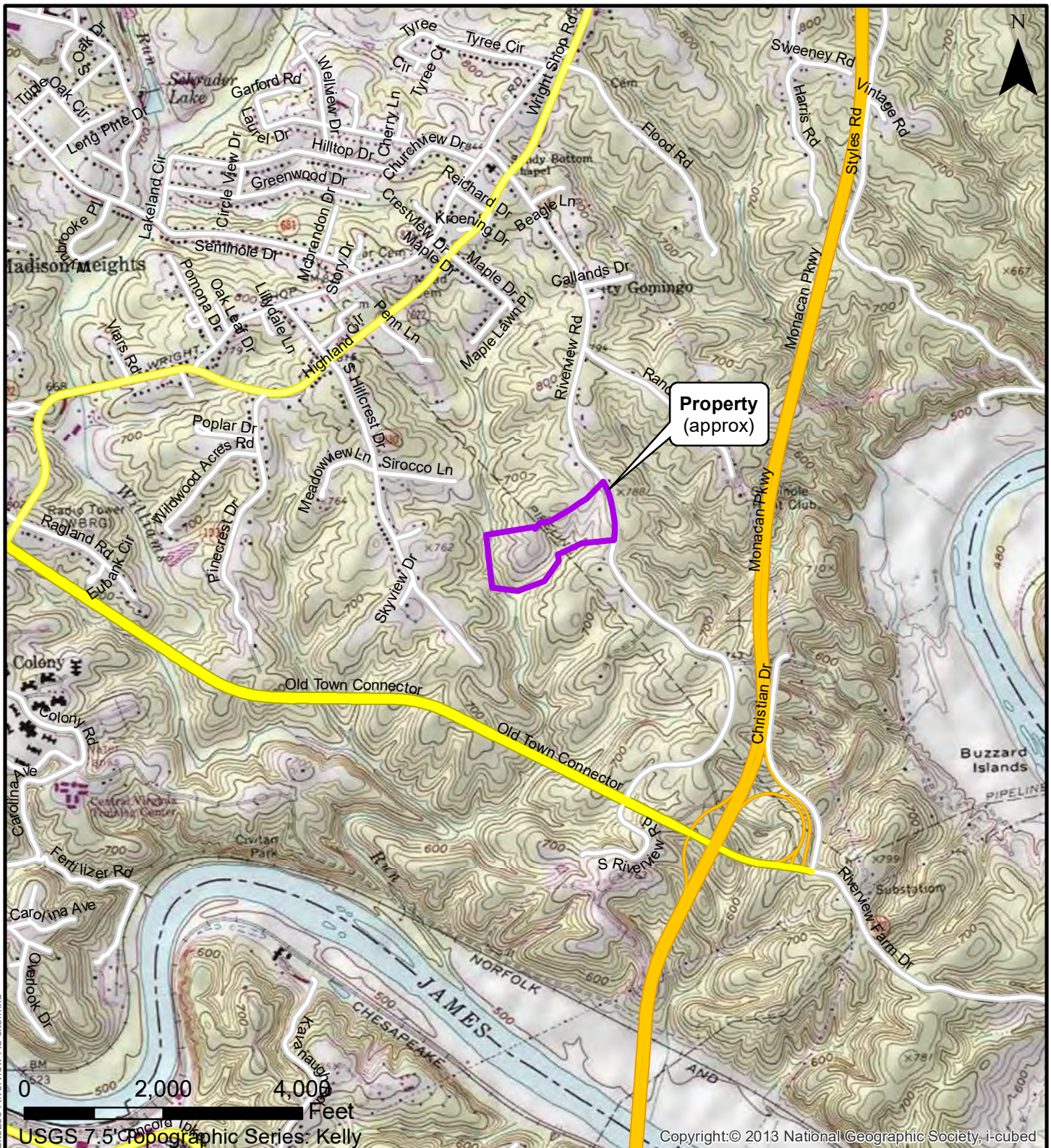
Raleigh, NC  
 Fayetteville, NC  
 Northern Virginia

DESIGNED: LPK  
 DRAWN: SMF  
 CHECKED: LPK  
 DATE: 2-25-19

**FIGURE**

**2**





## Site Location

Parcel 161-A-118  
Riverview Road  
Amherst Co, Va

SCALE: 1" = 2000'

PROJECT: B05176-109B



**Draper Aden Associates**

Engineering • Surveying • Environmental Services

2206 South Main Street  
Blacksburg, VA 24060  
540-552-0444 Fax: 540-552-0291

Richmond, VA  
Charlottesville, VA  
Hampton Roads, VA

Raleigh, NC  
Fayetteville, NC  
Northern Virginia

DESIGNED: LPK  
DRAWN: SMF  
CHECKED: LPK  
DATE: 2-25-19

FIGURE

3



**Attachment 2**  
**Advantages and Disadvantages of Sites**  
**And**  
**Design Criteria**

**AMHERST COUNTY TRANSFER STATION ANALYSIS  
COMPARISON OF ADVANTAGES AND DISADVANTAGES  
LANDFILL AND RIVERVIEW ROAD SITES**

	<b>LANDFILL SITE</b>	<b>RIVERVIEW ROAD SITE</b>
<b>ADVANTAGES</b>	<ol style="list-style-type: none"> <li>1. Within the boundaries of a previously permitted landfill site on undisturbed ground.</li> <li>2. Office, scales and scalehouse exist.</li> <li>3. Utilities exist.</li> <li>4. Fill material is available.</li> <li>5. Personnel at transfer station can address other activities e.g. brush handling, landfill maintenance, leachate hauling, stormwater management etc.</li> </ol>	<ol style="list-style-type: none"> <li>1. Closer access to primary route; shorter distance on secondary roads.</li> <li>2. Riverview Road posted at 25 mph in vicinity of site.</li> <li>3. Potentially fewer residential properties impacted.</li> <li>4. Closer to major waste generation area in Madison Heights.</li> </ol>
<b>DISADVANTAGES</b>	<ol style="list-style-type: none"> <li>1. Longer travel distance on secondary roads required to reach site.</li> <li>2. Per VDOT, facility entrance will need improvements to address heavier usage by transfer trailers.</li> </ol>	<ol style="list-style-type: none"> <li>1. Site was previously used for waste disposal. Design would require determination of location of waste materials.</li> <li>2. Construction on waste would require additional design elements. To minimize excavation, a mechanical compactor loading system was considered.</li> <li>3. Waste may need to be excavated and removed from site during grading operations. Will require transport to landfill for disposal. Costs include this assumption.</li> <li>4. Significant fill required to reduce potential need for waste excavation. No fill material available on site based on previous use of site for waste disposal.</li> <li>5. Power line and water line running parallel to site.</li> <li>6. Gas pipeline and major drainage area bisect site limiting usage to eastern half of site.</li> </ol>

**AMHERST COUNTY TRANSFER STATION ANALYSIS  
COMPARISON OF ADVANTAGES AND DISADVANTAGES  
LANDFILL AND RIVERVIEW ROAD SITES**

	<b>LANDFILL SITE</b>	<b>RIVERVIEW ROAD SITE</b>
		<ul style="list-style-type: none"><li>7. DEQ permitting more extensive for disturbance of site.</li><li>8. Additional personnel may be needed to handle operations at existing landfill after closure e.g. brush, metal recycling, landfill cover maintenance and stormwater management, leachate hauling.</li></ul>



# **AMHERST COUNTY TRANSFER STATION EVALUATION DESIGN CRITERIA AND ASSUMPTIONS OPTIONS 1 AND 2**

## **Option 1 – Key design requirements or assumptions for the landfill site:**

- Passive load system will be used to load the haul trailers e.g. garbage trucks will dump onto a covered tipping floor and a wheel loader will push the waste into a transfer trailer.
- Approximate grade break (tipping floor to haul trailer base grade) is 12 – 16 feet.
- Size of building is 8,000 square feet.
- Scales, scalehouse and office in place. Optimally, if the facility is moved further to the east (Option 1B) the scales may be relocated.
- VDOT indicated that significant improvements at the landfill entrance will be required to reduce impact to Kentmoor Farm Road. They expressed concern about a tractor trailer turning into an oncoming lane. They indicated that they do not have any jurisdiction over off-site improvements which are the County's consideration.
- VDEQ will require a permit by rule for the facility. A public comment period will be required. This is standard permitting for a transfer station.
- A convenience center is possible with access a potential challenge depending on the location of the transfer station. There are multiple options for a convenience center at the site.
- Personnel at the transfer station can support other activities at the landfill.

## **Option 2 – Key design requirements or assumptions for the Riverview Road site:**

- The site is bisected by a gas line and drainage ravine. Based on records and review of old USGS topographic surveys it appears that waste was placed on both sides of the gas line and drainage ravine. The east area was an unpermitted landfill. The west area was permitted with the Virginia Department of Health as Permit 216. The western facility apparently stopped accepting waste in 1981. It is unknown how either site was covered and closed.
- The limits of waste and cover materials in either area are unknown. An operational plan does exist for Permit 216 which indicates a series of trenches but actual operation of this facility is unknown. Design assumed limited excavation and design of a "floating" slab for the facility.
- Because of the lack of information on the limits of waste and cover materials, development of this area would require minimal excavation and extreme care during any construction.
- VDEQ will require a permit by rule for the facility. VDEQ has indicated that there are no specific regulatory requirements for the design and permitting of a transfer station on this site e.g. no specific siting restrictions. They noted that all risk will be assigned to the County and should there be any evidence of environmental issues potentially related to

**AMHERST COUNTY  
TRANSFER STATION EVALUATION  
DESIGN CRITERIA AND ASSUMPTIONS  
OPTIONS 1 AND 2**

the old landfill that may develop during construction or operation, VDEQ will have the authority to revisit the transfer station permit by rule and regulatory requirements. During permitting, VDEQ will pay attention to proposed mitigation activities. A public comment period will be required.

- To reduce the excavation and grading costs, an alternative loading operation was considered. This operation would require a mechanical compactor unit. The grade break could be reduced to 5 - 10 feet (conceptual design assumed a 5 foot grade break). An alternative would be to load the transfer trailers directly but this would require a loader capable of reaching 10 – 12 feet high for loading. Marathon Equipment was contacted relative to the most effective equipment given the tonnage. They recommended the use of an M-series, Model 1050 with 10 cy hopper and a 38 second cycle time. The estimated cost for this equipment is \$330,000± (including an estimate for installation). This equipment will require 3-phase power. Information on this equipment is provided in Attachment 3 to this memorandum.
- The size of the building was assumed to be 8,000 square feet.
- Scales, scalehouse and office would need to be constructed.
- Per VDOT, even though the stretch of Riverview Road this site fronts is posted at 25 mph, and even with all trailers coming in and exiting in the same direction, VDOT anticipated significant entrance improvements to reduce impact to Riverview Road.
- Per the County Planning Department, a landscaping plan would be needed.
- A water line and power line parallel Riverview Road and will need to be considered for development. The water line may need to be cased; power line pole locations may need to be re-located.
- A convenience center is possible with or without a transfer station but there is limited space for its location. If the convenience center is combined with a transfer operation, traffic could be congested.
- No additional operations could be considered at this site.
- All fill material would need to be transported from an off-site source.
- Personnel at the transfer station will not be able to support landfill activities.

**Attachment 3**  
**Marathon Equipment Information**



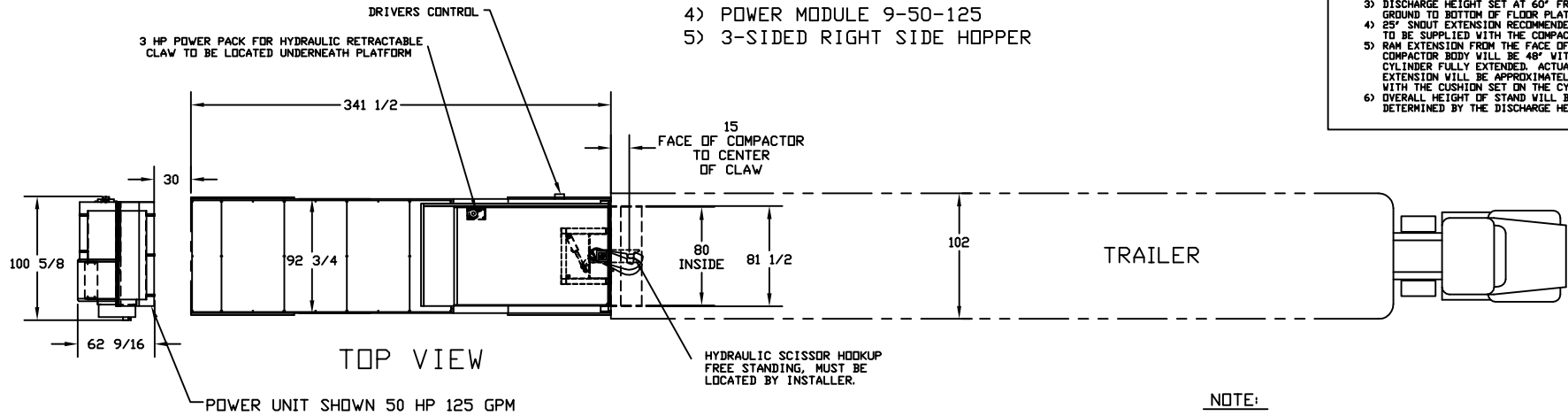
MARATHONS SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE IN ORDER TO ACCOMMODATE IMPROVEMENTS TO THE EQUIPMENT.

## EQUIPMENT REQUIRED

- 1) M-1050XW RAWHIDE HORIZONTAL COMPACTOR
- 2) HYDRAULIC SCISSOR
- 3) PLATFORM TO ELEVATE COMPACTOR.
- 4) POWER MODULE 9-50-125
- 5) 3-SIDED RIGHT SIDE HOPPER

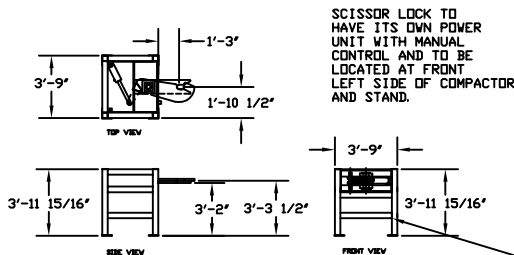
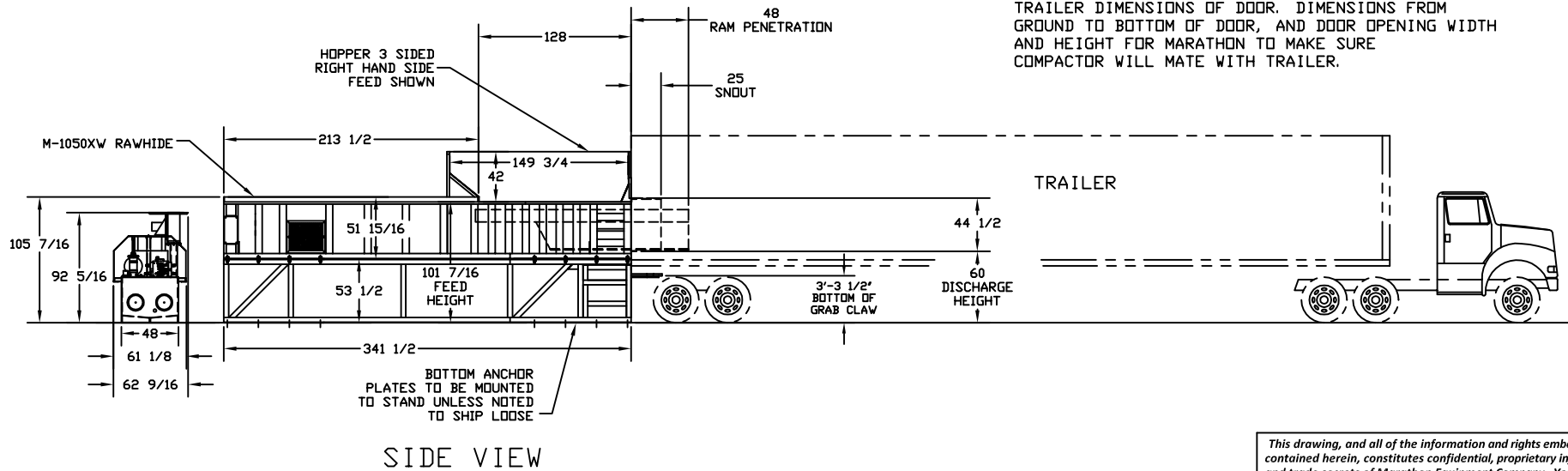
**NOTE:**  
PLEASE VERIFY THAT THE FOLLOWING IS ACCEPTABLE AND THAT ALL DIMENSIONS PROVIDED WILL WORK WITH THE TRAILER.

- 1) SCISSOR LOCK ASSEMBLY TO BE FLUSH WITH FACE OF COMPACTOR BODY WITH GRAB CLAW CENTER AT 15"
- 2) SCISSOR LOCK GRAB CLAW PLATE TO BE 39 1/2" FROM GROUND TO BOTTOM OF PLATE.
- 3) DISCHARGE HEIGHT SET AT 60" FROM GROUND TO BOTTOM OF FLOOR PLATE.
- 4) 25" SNOUT EXTENSION RECOMMENDED AND TO BE SUPPLIED WITH THE COMPACTOR.
- 5) RAM EXTENSION FROM THE FACE OF THE COMPACTOR BODY WILL BE 48" WITH CYLINDER FULLY EXTENDED. ACTUAL RAM EXTENSION WILL BE APPROXIMATELY 47" WITH THE CUSHION SET ON THE CYLINDER.
- 6) OVERALL HEIGHT OF STAND WILL BE DETERMINED BY THE DISCHARGE HEIGHT.



### NOTE:

IT IS THE CUSTOMERS RESPONSIBILITY TO PROVIDE TRAILER DIMENSIONS OF DOOR. DIMENSIONS FROM GROUND TO BOTTOM OF DOOR, AND DOOR OPENING WIDTH AND HEIGHT FOR MARATHON TO MAKE SURE COMPACTOR WILL MATE WITH TRAILER.



HYDRAULIC SCISSOR LOCK DETAILS

### HYDRAULIC OIL

ALL POWER UNITS 50 HP AND ABOVE SHIP WITHOUT HYDRAULIC FLUID. IT IS THE SOLE RESPONSIBILITY OF THE PURCHASER AND/OR END-USER OF THIS EQUIPMENT TO PROVIDE THE REQUIRED HYDRAULIC FLUID. See the Operation Manual for the unit for acceptable hydraulic fluids.

APPROXIMATE WEIGHT IS 2,000#

- ☐ APPROVED - MANUFACTURING MAY PROCEED.
- ☐ APPROVED, EXCEPT AS NOTED - RESUBMIT DRAWING, MANUFACTURING MAY PROCEED.
- ☐ NOT APPROVED - CORRECT DRAWING AS NOTED AND RESUBMIT.

APPROVED BY: \_\_\_\_\_  
COMPANY: \_\_\_\_\_  
DATE: \_\_\_\_\_  
WEIGHT CAPACITY: \_\_\_\_\_  
CYCLES PER DAY: \_\_\_\_\_

NOTE: APPROVED COPY OF THIS DRAWING MUST BE RECEIVED TO BEGIN MANUFACTURE OF UNIT.

This drawing, and all of the information and rights embodied and contained herein, constitutes confidential, proprietary information and trade secrets of Marathon Equipment Company. You are not permitted to use, disclose, distribute, copy, transmit, license, create derivative works from or otherwise reproduce this drawing in whole or in part except as authorized, in writing, by Marathon Equipment Company. You agree to immediately return this drawing and any copies or reproductions thereof upon request by Marathon Equipment Company.

### TITLE:

M-1050XW RAWHIDE, PLATFORM, HYDRAULIC SCISSOR HOOKUP, 3 SD RH HOP, TRAILER



DR. BS

CK. APP.

DATE: 2/19/2019

SCALE: 3/8"=1'

TOL:

DRAWING NO.

75848

**MARATHON EQUIPMENT COMPANY**

PO Box 1798  
Vernon, AL 35592

Phone: (205) 695-9105 Fax: (205) 695-9150

Toll Free: (800) 633-8974

**Quotation Information**

Regional Sales Manager: Shawn Gottwald

Quote Date: 2/26/2019

Regional Sales Manager Email: [shawn.gottwald@marathonequipment.com](mailto:shawn.gottwald@marathonequipment.com)

EXPIRES: 3/28/2019

**Valid 30 Days  
Unless Otherwise Noted**

Regional Sales Manager Phone: 205-712-7270

Inside Sales Coordinator: Lori Williams

**QUOTATION NO:**

**SG 22219 241**

**Sold To:** Amherst County

**Ship To:** Amherst County

**Address:**

**Address:**

**Address:**

**Address:**

**City / State / Zip:** Amherst VA 24521

**City / State / Zip:** Amherst VA 24521

**Country:**

**Attn:**

**Phone:**

**Contact:**

**Phone:**

**Email:**

QUANTITY	DESCRIPTION	LIST PRICE	DISCOUNT %	DISCOUNT \$	NET PRICE (*QTY)	SURCHARGE %	SURCHARGE \$
1	M-1050XW	\$ 114,267.00	0.0%	\$ -	\$ 114,267.00	3.0%	\$ 3,428.01
1	Rawhide Option	\$ 27,319.00	0.0%	\$ -	\$ 27,319.00	3.0%	\$ 819.57
1	M-1050XW Stand	\$ 20,405.00	0.0%	\$ -	\$ 20,405.00	3.0%	\$ 612.15
<b>UNIT OPTIONS (SPECIFY IF CUSTOM)</b>							
1	MODEL 9-50100G Power Unit	\$ 95,023.00	0.0%	\$ -	\$ 95,023.00	3.0%	\$ 2,850.69
1	9" Bore Cylinder	\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1	50HP Motor	\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1	100 GPM Pump	\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1	Fixed scissor claw trailer connection	\$ 15,135.00	0.0%	\$ -	\$ 15,135.00	3.0%	\$ 454.05
1	Standard 3 Sided Side Feed Hopper	\$ 5,566.00	0.0%	\$ -	\$ 5,566.00	3.0%	\$ 166.98
1	Standard Oil Cooler	\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1	3 Sided Hopper	\$ 4,316.00	0.0%	\$ -	\$ 4,316.00	3.0%	\$ 129.48
1	Remote Controls on 13' Sealtite	\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1	Pressure Gauge mounted on Panel Box Frame	\$ 287.00	0.0%	\$ -	\$ 287.00	3.0%	\$ 8.61
1	Tongue and groove floor	\$ 7,847.00	0.0%	\$ -	\$ 7,847.00	3.0%	\$ 235.41
1		\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1		\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1		\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1		\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
<b>SUBTOTAL OF EQUIPMENT AND OPTIONS</b>		\$ 290,165.00		\$ -	\$ 290,165.00		\$ 8,704.95

**Standard Equipment Options**

Standard Features Include: Remote Power Pack with 11' Wire Braid Hoses; Weather Cover for Power Pack; 3 Phase 208/230/460 Volt; Push Button Controls Mounted on 13' Sealtite; Ratchets with Grab Claws; and Driver Switch.

Exception: 30 hp and 50 hp come standard with oil cooler and continuous cycle; 50 hp 100 gpm come standard with fullness package; 50 hp 125 gpm come standard with fullness package and oil management package.

Subtotal:	\$290,165.00
Special Options (from Page 2):	\$0.00
Surcharge:	\$8,704.95
Estimated Freight:	\$1,844.00
Estimated Installation:	\$0.00
Estimated Sales Tax:	0.00%
<b>Total:</b>	<b>\$300,713.95</b>

**SPECIFICS**

- \* The above pricing is F.O.B. factory discounted price unless otherwise stated.
- \* Standard MARATHON Domestic or International warranty applies, depending on equipment location
- \* Unless you have a specific written Agreement with Marathon with different terms, payment terms are 100% payment of Total shown above Net 30 days from date of invoice. All orders are invoiced at time of shipment.
- \* Terms for Recycling Solutions, Blok Pak and M-Series orders - The following PAYMENTS are required for orders over \$50,000: 30% due at time of order, 60% due 14 days prior to shipment, and final 10% due net 30 days after shipment.
- \* Pricing does not include freight, fees, taxes, licenses, permits, building modifications, project management, installation or start up training charges unless specifically stated.
- \* Quoted taxes are estimated. Tax exemption certificate must be supplied when placing order. Certificate provided after equipment invoices will not guarantee credit of sales tax.
- \* Installation dates are estimated and installation may change based upon site readiness. Marathon reserves the right to charge a remobilization fee if the site is not ready for installation at time of equipment delivery.
- \* National pricing for installation of machines purchased by Key Accounts does not apply to projects located in Nevada and, if noted herein, is provided for reference only. Licensed Contractors must supply site-specific installation quotations and perform the related work product in Nevada.
- \* For customer-performed or third party installations arranged by customer, customer is responsible for completing this installation in accordance with OSHA and ANSI Standards.
- \* Any changes to product configuration or delivery address/date after order is placed may incur additional charges.
- \* If you have any questions, please feel free to contact your salesman.

**MARATHON EQUIPMENT COMPANY****PO Box 1798****Vernon, AL 35592****Phone: (205) 695-9105 Fax: (205) 695-9150****Toll Free: (800) 633-8974****QUOTATION NO:****SG 22219 241****TERMS AND CONDITIONS OF SALE**

1. **ORDERS.** All orders are subject to acceptance or rejection by Environmental Solutions Group, its subsidiaries, or affiliates including but not limited to: Heil Environmental, Marathon Equipment Company, The Curotto-Can, LLC, and Bayne Machine Works (collectively, "ESG"). NO ORDERS MAY BE CHANGED IN ANY MANNER WITHIN THIRTY DAYS OF THE SCHEDULED PRODUCTION DATE. ANY CHANGES REQUIRED BY THE CUSTOMER WITHIN THIS 30-DAY TIME FRAME may incur additional charges AND WILL CAUSE THE ORDER TO BE REMOVED FROM THE PRODUCTION SCHEDULE AND RESCHEDULED AS DEEMED NECESSARY BY ESG IN ITS SOLE JUDGMENT.
2. **ORDER CANCELLATION.** After acceptance, orders for solid waste management and/or recycling Products ("Products") cannot be cancelled except upon terms that will compensate ESG fully for all inconvenience, cost, loss or damage sustained.
3. **ORDER ACKNOWLEDGEMENTS.** An Order Acknowledgment ("OA") must be reviewed, signed and returned to the applicable ESG subsidiary or affiliate to indicate Purchaser's verification the order is accurate. ESG reserves the right to hold an order from being slotted in the Production Schedule until a signed OA has been received. Regardless of whether an Order Acknowledgment has been executed, Purchaser expressly waives any claims of error or loss for orders that are produced in accordance with an OA transmitted to Purchaser that Purchaser does not correct and transmit in writing to ESG before production begins.
4. **CUSTOM ORDER REQUESTS.** Orders for Products with components not regularly carried in stock or requiring special engineering, special parts ordering or special manufacture are in every case subject to approval by the Product Management department of ESG and shall be subject to the procedures and qualifications set forth in ESG's Custom Order Policy as published by ESG and/or posted on the respective ESG website. Work performed at Purchaser's request such as sketches, drawings, design, testing, fabrication and materials shall be charged at then-current rates.
5. **PERFORMANCE.** ESG shall not be liable for damages of any kind whatsoever arising from failure to complete the contract in accordance with its items if such changes are due to Acts of God, wars, severe weather, strikes, fires, floods, accidents, material shortages, delays in transportation and other acts of force majeure or other causes beyond its reasonable control.
6. **INTELLECTUAL PROPERTY.** Sketches, engineering drawings, specifications, models, mock-ups, manuals, marketing materials, and all preparatory work submitted to, created or furnished by ESG shall remain its exclusive property. No other customer use of these materials is authorized, nor may derivations, alternatives or modifications created there from be used or disclosed to anyone except with the prior written consent of ESG.
7. **SHIPMENT AND F.O.B. POINT.** All shipments will be made after completion of manufacture unless otherwise agreed to in writing. In the event that agreement is reached for ESG to store completed items, the Purchaser will be invoiced immediately upon completion of manufacture, and such invoice shall be due and payable according to these terms. Storage shall be at the risk of the Purchaser and ESG shall be liable only for the ordinary care of the property. Unless otherwise stated in writing, all prices quoted or otherwise listed are F.O.B. point of manufacture. In all cases, in-transit liability and risk of loss transfers to the Purchaser at the time of delivery to the Purchaser, their employees, agents, or a delivery service or common carrier – whichever occurs first. Unless otherwise provided, with respect to the attachment or affixing of ESG Products to the Purchaser's property (e.g. truck chassis), title and risk of loss with respect to such Products are transferred to Purchaser upon initiation of such attachment.
8. **PURCHASER'S PROPERTY.** ESG may charge the Purchaser at current rates, for handling and storing Purchaser's property (e.g. truck chassis or Purchaser-supplied accessories) when held for more than thirty days. All Purchasers' property, or third parties' property, that is stored by ESG or its employees, agents or assigns (whether on or off ESG facilities) is at the Purchaser's or other party's risk. ESG shall only provide for ordinary care of the property and shall not be liable for any loss or damage thereto caused by fire, water, corrosion, vandalism, theft, negligence, or any cause whatsoever. It is the Purchaser's unconditional obligation to insure its property and/or accept the risk of loss.
9. **TRAINING.** It is the Purchaser's responsibility to provide these Terms & Conditions of Sale to the Product owner and to specifically notify the Product owner that it is the Product owner's responsibility to ensure that the Operators Manual remains with each unit and the Parts & Service Manual is available for use. Additionally, regardless of whether or not the manufacturer or its designee provides training at the time of Product delivery, the Product owner is responsible for training their operators and maintenance personnel and shall ensure that every person who operates or maintains the Product has been trained on the proper operation, service, storage, service hoist use, battery disconnect use, lock out/tag out procedures and the Product owner's company work rules for each Product.
10. **PRICES.** All orders are subject to current prices in effect at the time of shipment, including any applicable surcharges. Purchaser must exclusively assign the qualified alternative motor vehicle credit to ESG or its designee. Purchaser expressly understands and agrees that the pricing quoted for qualified alternative motor vehicles includes a discount predicated on ESG obtaining a stipulated tax credit and Purchaser agrees to fully compensate ESG for any reduction or recapture of said qualified alternative motor vehicle tax credit for any reason whatsoever. It is understood that recapture of the tax credit may be caused by converting a Compressed Natural Gas ("CNG") engine to a diesel engine.
11. **PAYMENT AND COLLECTION.** ESG's standard domestic payment terms are Net 30 days from the date of invoice unless modified by a separate written agreement with your company. For non-domestic shipments, a Letter of Credit or other ESG approved surety of payment may be required prior to shipment. Notwithstanding the foregoing, ESG reserves the right to offset payments against open account balances and administer credit in accordance with its Credit Department's sole judgment at any time to any order and its decision shall be final, non-appealable, and binding. If for any reason the Purchaser defaults on any monies owed to ESG, said Purchaser shall be responsible for all costs incurred by ESG in the collection of outstanding monies including but not limited to: collection agency fees, filing fees, judgment, interest expense, settlement, Court and/or administration costs, attorney's fees, etc. ESG reserves the right to charge and collect late fees for overdue payments.
12. **TAXES.** Unless specifically stated on your quotation and invoice, prices charged by ESG do not include Federal, State, City or other excise, occupation, sales, use, VAT or similar taxes which are extra and are the customers' obligation to pay to the applicable taxing authority at rates in effect at time of shipment. If Federal Excise Taxes are included and listed on the order acknowledgement or invoice, they are stated at the rates and regulations in effect at the time this order is written, and are subject to revision in accordance with rates and regulations in effect at time of shipment. If Federal Excise Taxes are not included on ESG's invoice, this shall not be construed as ESG
13. **PRODUCT IMPROVEMENT.** ESG reserves the right to change its solid waste management & recycling Product offerings (collectively, "Products"), Product specifications, material or component suppliers, Product design, and/or Production procedures at any time in its sole judgment.
14. **WARRANTY.** ESG warrants its Products in accordance with the applicable ESG subsidiary or affiliate's Warranty Statement (the "Warranty Statement") provided with the Product or published on the respective website unless you have a contract with ESG providing specific terms and conditions of warranty. A copy of the Warranty Statement is available from your Dealer and is posted on ESG's applicable website for the Product. While the text in the Warranty Statement for each respective ESG entity is more specific and shall prevail, ESG's Product warranty is expressly limited to repair or replacement of any component or part thereof, for any such Product that is determined by ESG to be defective in materials or workmanship. The component or part shall be repaired or replaced without cost to the first purchaser for materials and labor provided such unit is returned for such repair or replacement to an authorized ESG Dealer within six months from the unit's in-service date to such first purchaser. Any Product warranty is not transferable, except for sales demonstration units. No warranty claims will be processed on any ESG Product unless the warranty registration was submitted timely to the ESG Customer Support Department applicable to the Product. Any service parts sold by ESG carry a six month warranty for part replacement only, due to a defect in material or workmanship. Troubleshooting time, component removal and installation labor cost is excluded from ESG's service part warranty.
15. **WE MAKE NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND MAKE NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.** Any improper use, operation beyond rated capacity, substitution of non-OEM parts not specifically approved by us in writing, or any alteration or repair by others in such manner as in our judgment affects the Product materially and adversely shall void this Warranty. NO EMPLOYEE OR REPRESENTATIVE OF ESG IS AUTHORIZED TO CHANGE THIS WARRANTY IN ANY WAY OR GRANT ANY OTHER WARRANTY, except as part of a definitive written agreement between the manufacturer and purchaser. The above warranty supersedes and is in lieu of all other warranties whether express or implied.
16. **NO DIRECT OR CONSEQUENTIAL DAMAGES.** ESG hereby disclaims and does not assume any liability whatsoever for costs or expenses related to the use or unavailability of its Product for any reason, including but not limited to accidents, injury, death, late delivery penalties, chassis flooring cost or charges, Product down time, fire damage, loss of Product, in-transit damage or loss, opportunity cost, lost profits, or any other direct, indirect or consequential losses, damages or delay, property damage or injuries or death to persons.
17. **OFF-SITE LOSS DISCLAIMER.** The Purchaser shall bear all risk for damage or loss to the purchaser-owned Product, chassis, accessories, or injury to property or persons, while the Product and/or chassis is either at ESG facilities, enroute to ESG facilities, at or enroute to/from a third party subcontractor of ESG's, in transit to or from Purchaser's or the chassis manufacturer's location, or to/from any third party Dealer or a component supplier's location.
18. **CHOICE OF LAW AND VENUE.** This agreement shall be interpreted according to the laws of the State of Tennessee. Any claims lodged against ESG involving this order in any way must be filed and adjudicated in the Circuit or Federal Court located in Hamilton County, Tennessee, and in the case of appeal, at the situs of their respective appellate Courts.
19. **NON-WAIVER.** Our failure at any time to exercise any right we may have under this agreement shall not constitute a waiver thereof nor prejudice our right to enforce same thereafter.
20. **SECURITY INTEREST.** The Purchaser hereby grants a first priority purchase money security interest and lien to ESG in and to all Products and goods sold to Purchaser and to which these Terms & Conditions of Sale relate, to all chassis and trucks to which any such Products or goods become accessions, and to all Products, proceeds and accessions thereto, from time to time (collectively, the "Product Collateral") to secure all obligations of the Purchaser or any person or entity related to Purchaser, under any agreement, arrangement or financing with or provided by the Company, including without limitation, the obligation to pay the unpaid purchase price of all Products and goods from time to time sold by ESG to Purchaser (collectively, the "Obligations"). The Purchaser represents and warrants that none of the Product Collateral is subject to any other lien, security interest or claim of any type or nature, and covenants that it: (i) will not create or permit to exist any lien, security interest or claim in any portion of the Product Collateral in favor of any other person, (ii) will pay, prior to any delinquency, all taxes (including all property taxes), charges or other obligations which may be owing with respect to the Product Collateral from time to time, (iii) will not change its name, place of incorporation or creation, address or location of the Product Collateral without first providing ESG with not less than 30 days prior written notice, (iv) will take all steps requested by ESG to obtain and maintain the perfection of the security interests granted hereunder, (v) will keep the Product Collateral fully insured against destruction or damage in an amount up to its full insurable value, and will name ESG as additional insured and loss payee under all such insurance policies, and (vi) will cooperate with ESG upon any default of any of the Obligations and will, at the request of ESG, turn over and deliver all Product Collateral to or at the direction of ESG. Purchaser will, at ESG's request, execute such additional security agreements and amendments and additions thereto or hereto as ESG requests in order that it may have at all times a first priority purchase money security interest and lien securing the Obligations. Purchaser hereby authorizes ESG to file financing statements and amendments thereto in all relevant jurisdictions naming Purchaser as debtor and describing the Product Collateral as collateral.
21. **ENTIRE AGREEMENT.** Unless a prevailing purchase contract is in place between the parties hereto, this order, including the above Terms & Conditions of Sale, contains the complete and final agreement between the parties hereto and no Purchaser-supplied purchase order terms, verbal agreement, or other document in any way modifying or supplementing any of these terms and conditions will be binding on ESG unless agreed to in writing by an authorized representative of ESG.

**ACCEPTANCE**

Quotation Accepted By (Signature): \_\_\_\_\_

Printed Name and Title of Authorized Signatory: \_\_\_\_\_

Date: \_\_\_\_\_

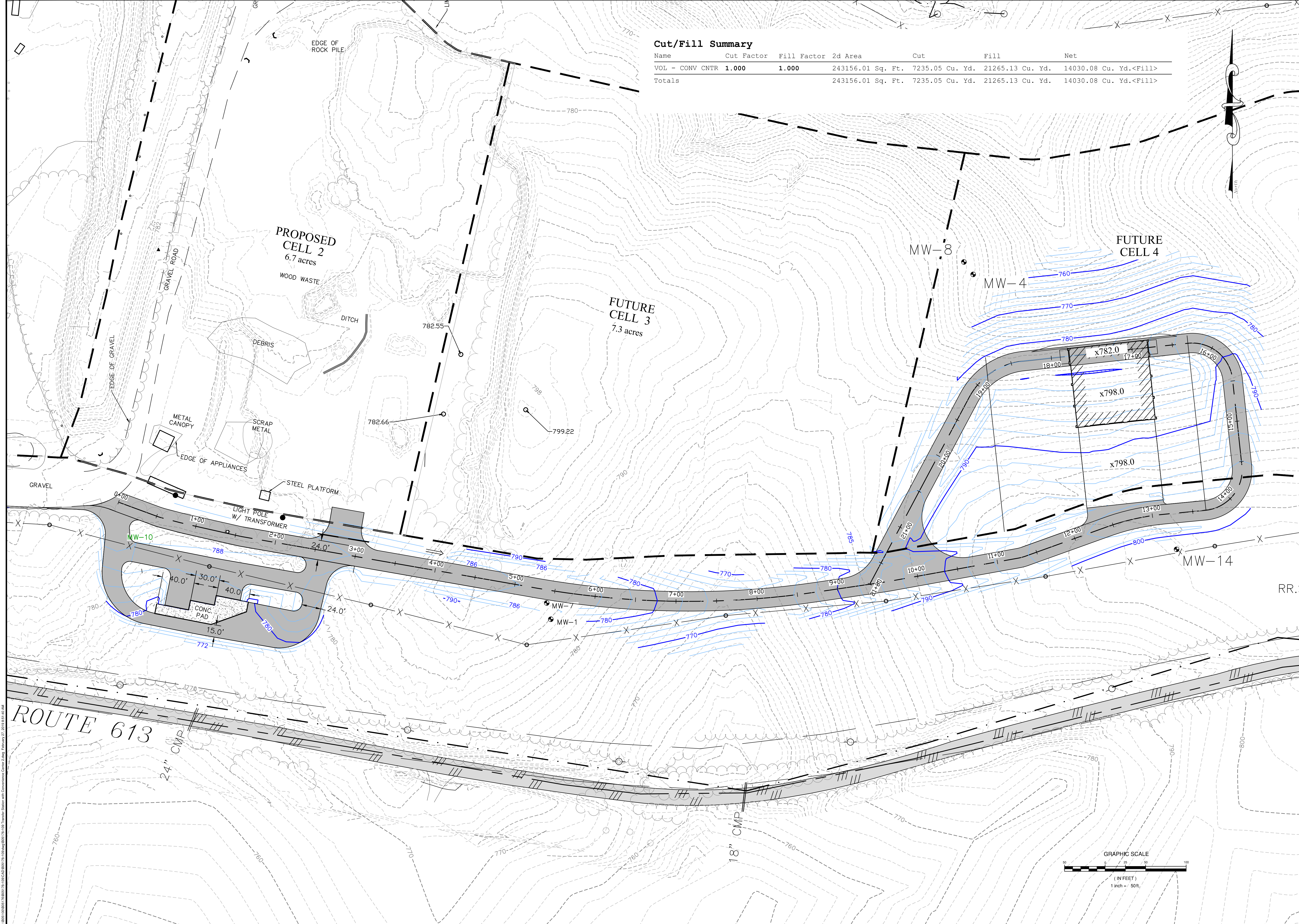


**Attachment 4**  
**Conceptual Layouts**









Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
VOL - CONV CNTR	1.000	1.000	243156.01 Sq. Ft.	7235.05 Cu. Yd.	21265.13 Cu. Yd.	14030.08 Cu. Yd.<Fill>
Totals			243156.01 Sq. Ft.	7235.05 Cu. Yd.	21265.13 Cu. Yd.	14030.08 Cu. Yd.<Fill>

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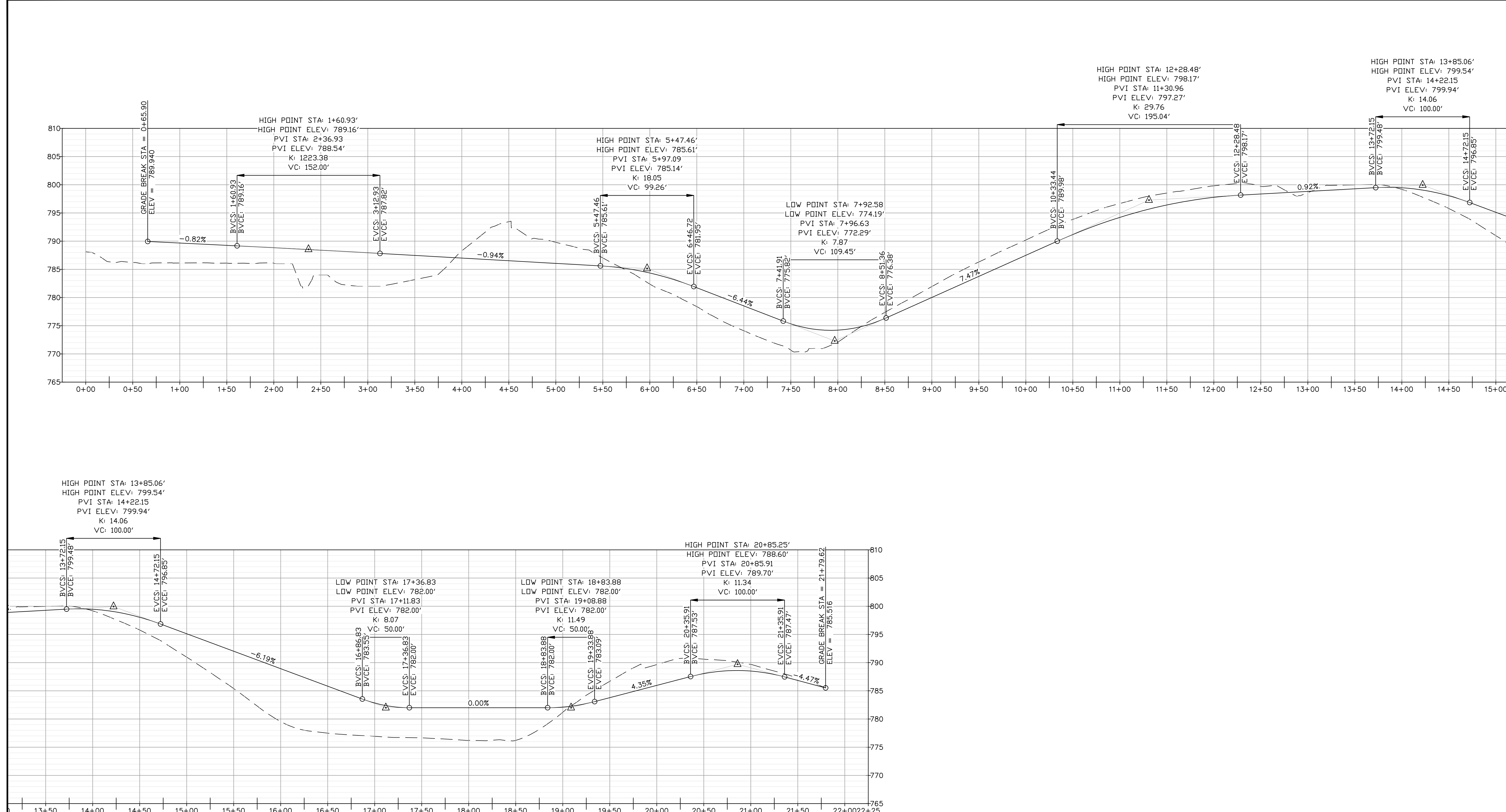
CONCEPT PLAN - POTENTIAL TRANSFER STATION  
OPTION 1 - LANDFILL SITE - MODIFIED TO EAST  
PLAN VIEW

REVISIONS
DRAFT 1 02/27/19
DESIGNED BY: LPK
DRAWN BY: DLD
CHECKED BY: LPK
SCALE: 1" = 50'
DATE:
PROJECT NUMBER: B05176-109
CP-1B

AMHERST COUNTY, VIRGINIA



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CONCEPT PLAN - POTENTIAL TRANSFER STATION  
OPTION 1 - LANDFILL SITE - MODIFIED TO EAST  
PROFILE VIEW

AMHERST COUNTY, VIRGINIA

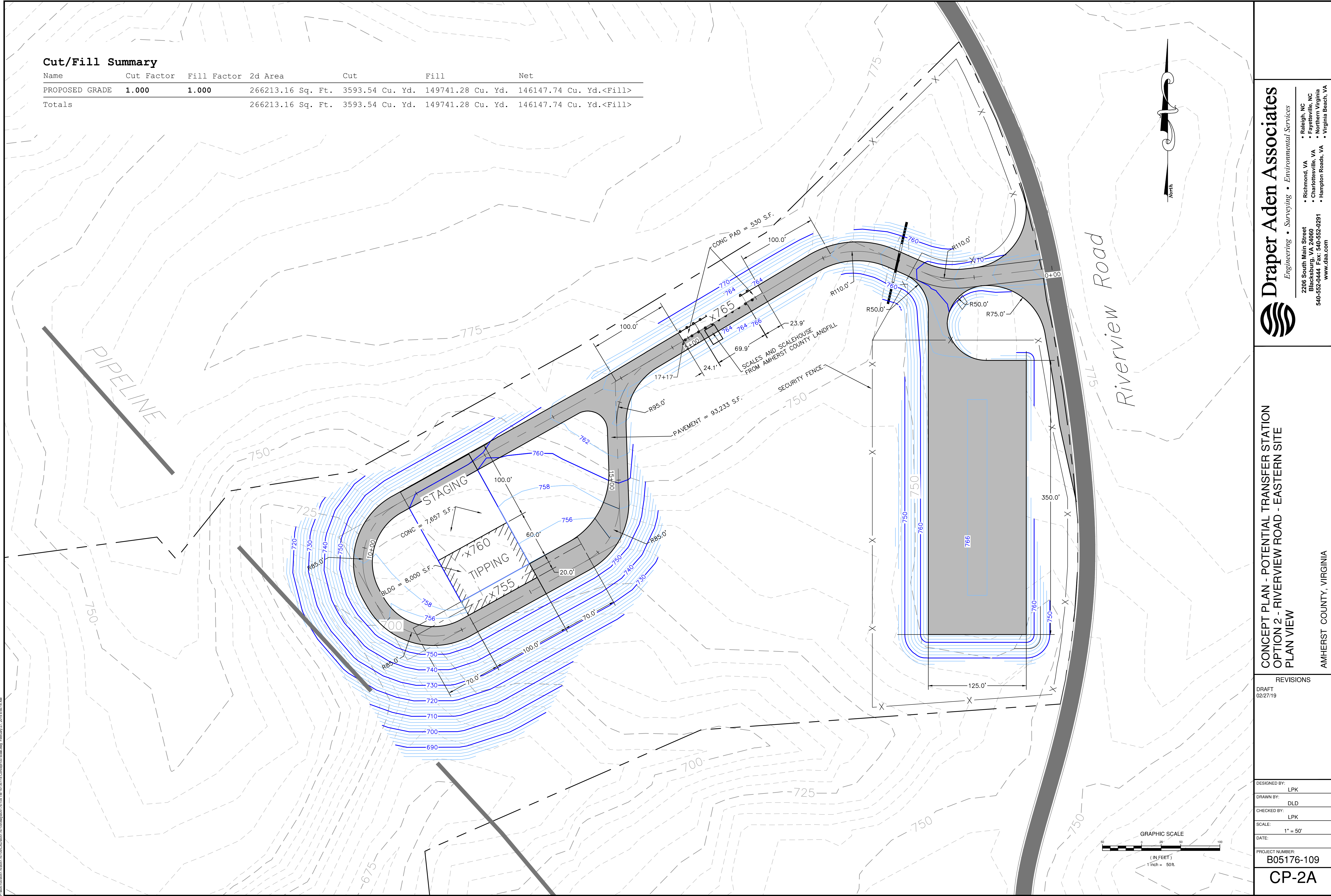
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DESIGNED BY:	LPK
DRAWN BY:	DLD
CHECKED BY:	LPK
SCALE:	1" = 50'
DATE:	
PROJECT NUMBER:	B05176-109
CP-1C	



Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
PROPOSED GRADE	1.000	1.000	266213.16 Sq. Ft.	3593.54 Cu. Yd.	149741.28 Cu. Yd.	146147.74 Cu. Yd.<Fill>
Totals			266213.16 Sq. Ft.	3593.54 Cu. Yd.	149741.28 Cu. Yd.	146147.74 Cu. Yd.<Fill>



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CONCEPT PLAN - POTENTIAL TRANSFER STATION  
OPTION 2 - RIVERVIEW ROAD - EASTERN SITE  
PLAN VIEW

REVISIONS  
DRAFT  
02/27/19

DESIGNED BY:

LPK

DRAWN BY:

DLD

CHECKED BY:

LPK

SCALE:

1" = 50'

DATE:

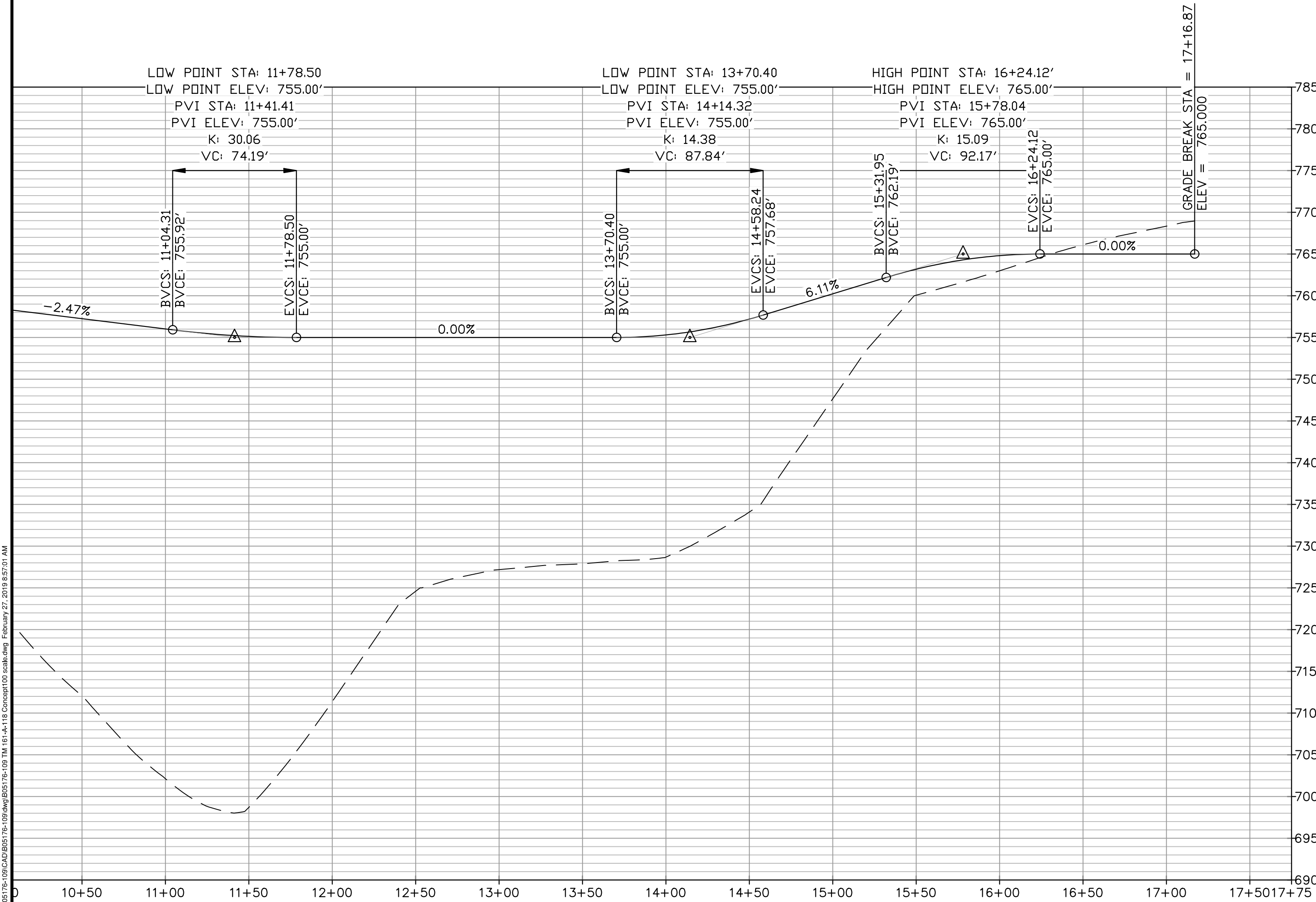
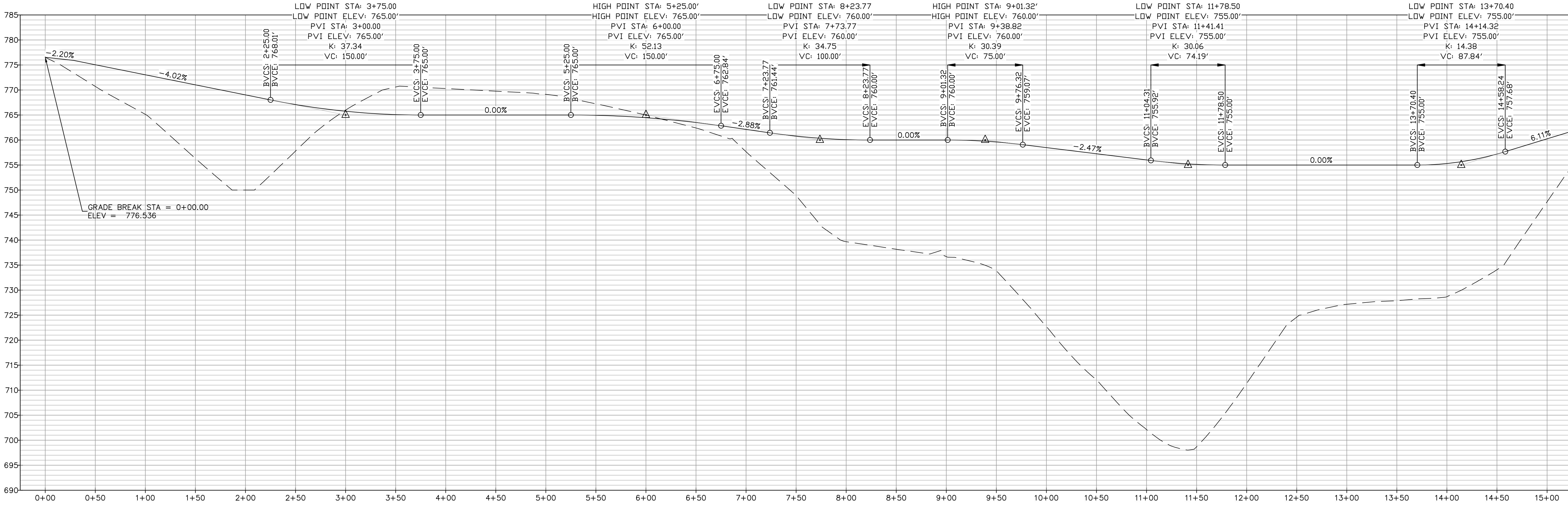
PROJECT NUMBER:

B05176-109

CP-2A



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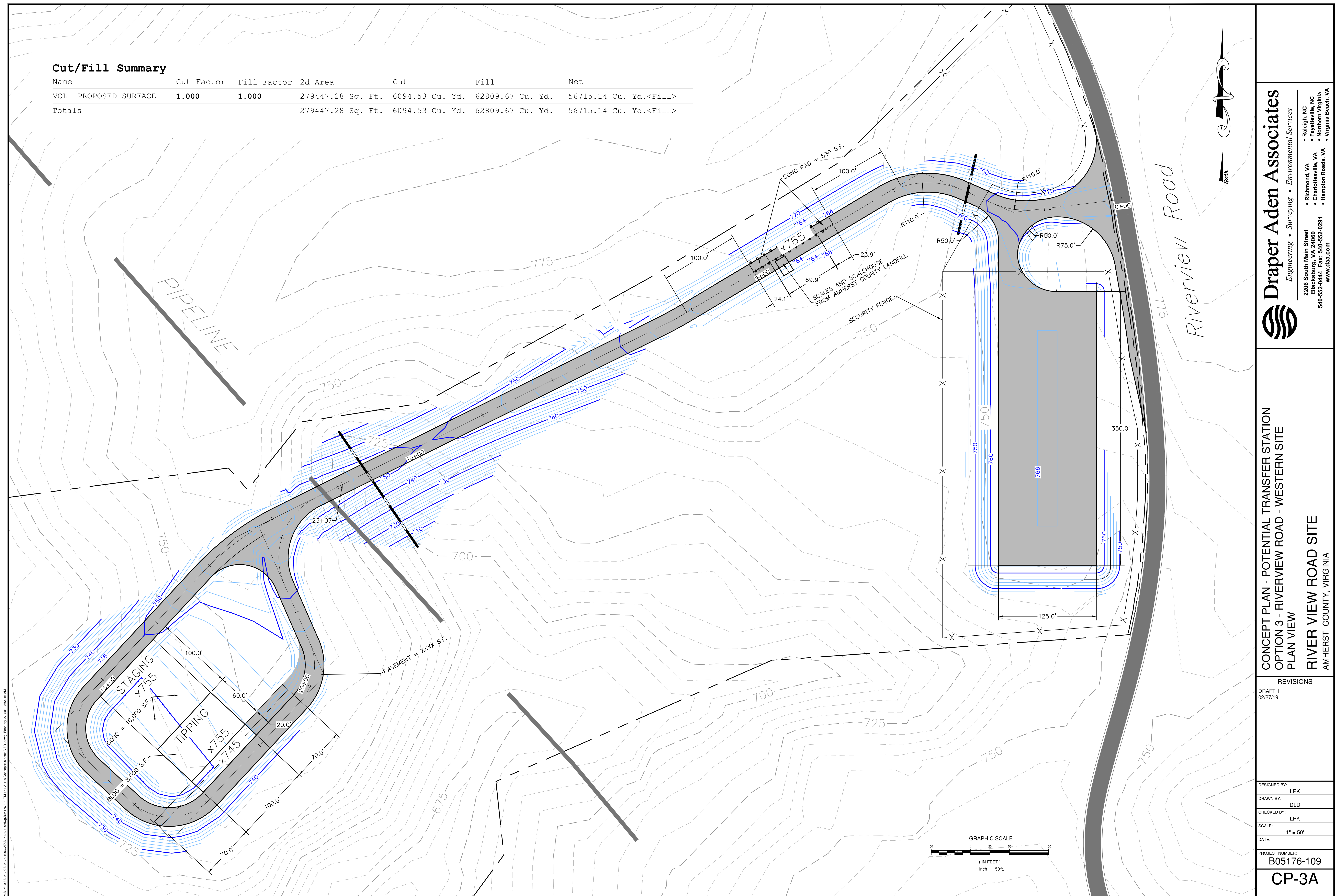
CONCEPT PLAN - POTENTIAL TRANSFER STATION  
OPTION 2 - RIVERVIEW ROAD - EASTERN SITE  
PROFILE VIEW

AMHERST COUNTY, VIRGINIA

REVISIONS	
DRAFT 02/27/19	
DESIGNED BY:	LPK
DRAWN BY:	DLD
CHECKED BY:	LPK
SCALE:	1" = 50'
DATE:	
PROJECT NUMBER:	B05176-109
CP-2B	



Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
VOL- PROPOSED SURFACE	<b>1.000</b>	<b>1.000</b>	279447.28 Sq. Ft.	6094.53 Cu. Yd.	62809.67 Cu. Yd.	56715.14 Cu. Yd.<Fill>
<b>Totals</b>			279447.28 Sq. Ft.	6094.53 Cu. Yd.	62809.67 Cu. Yd.	56715.14 Cu. Yd.<Fill>



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OPTION 3 - RIVERVIEW ROAD - WESTERN SITE  
PLAN VIEW

RIVER VIEW ROAD SITE  
AMHERST COUNTY, VIRGINIA

## REVISIONS

AFT 1  
27/19

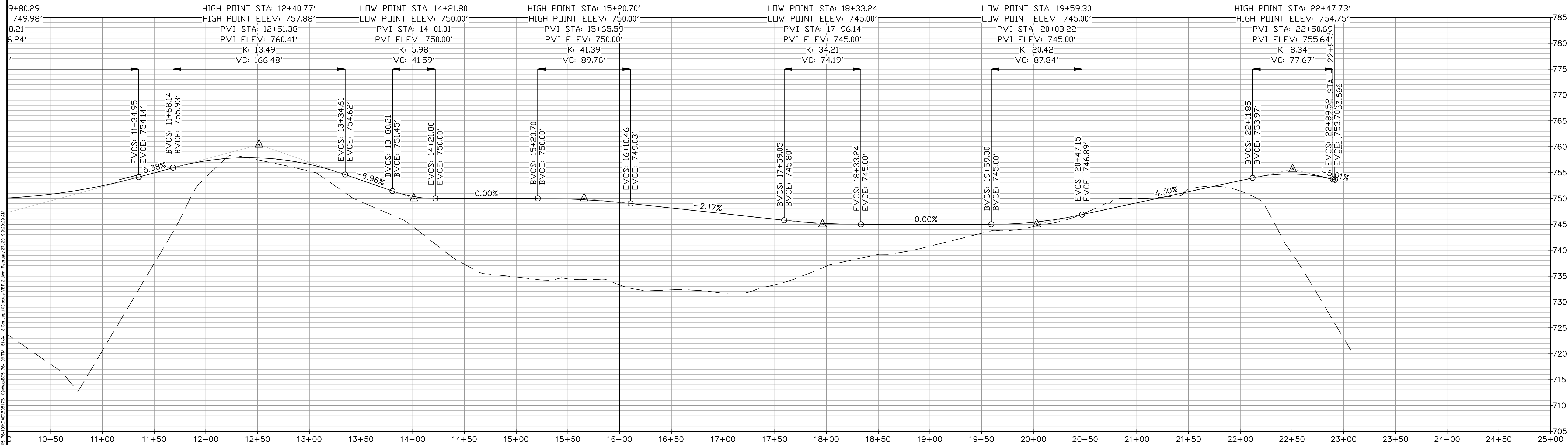
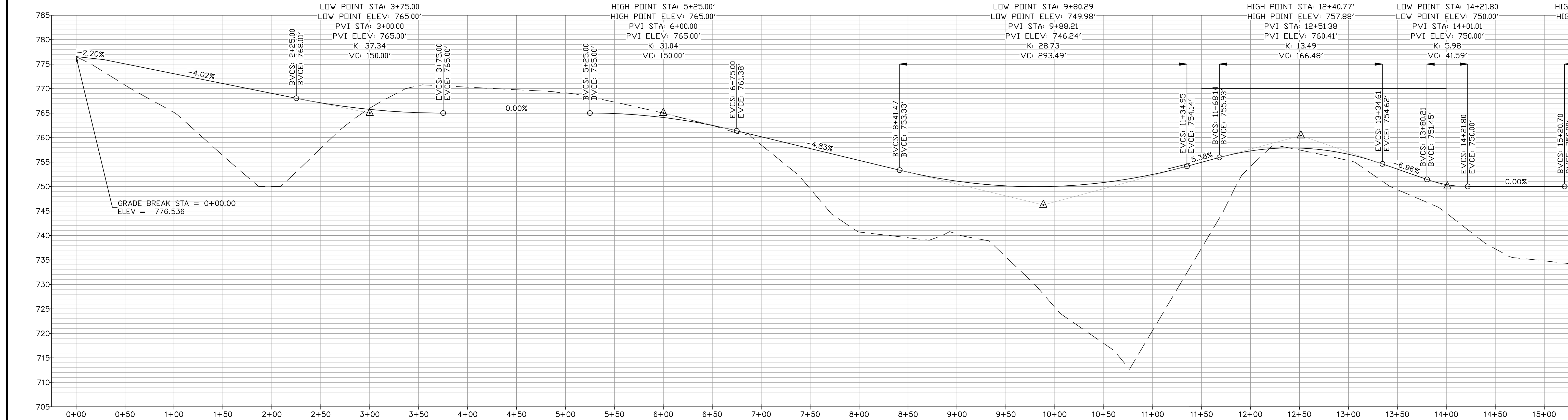
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DATE:	

PROJECT NUMBER:  
B05176-109

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• Virginia Beach, VA

• Raleigh, NC  
• Fayetteville, NC

CONCEPT PLAN - POTENTIAL TRANSFER STATION  
OPTION 3 - RIVERVIEW ROAD - WESTERN SITE  
PROFILE VIEW

AMHERST COUNTY, VIRGINIA

REVISIONS  
DRAFT 1  
02/27/19

DESIGNED BY:

LPK

DRAWN BY:

DLD

CHECKED BY:

LPK

SCALE:

1" = 50'

DATE:

PROJECT NUMBER:

B05176-109

CP-3B

## Memorandum

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**To:** Mr. Dean Rodgers, Amherst County Administrator  
**From:** Ms. Lynn P. Klappich, Program Manager  
**Date:** March 5, 2019  
**Project Name:** Amherst Options Evaluation  
**Project Number:** B106176-109/109B  
**Subject:** Option 3 – Direct Haul from Convenience Centers  
**cc:** Board of Supervisors, David Proffitt, Keith Stevens, Don Marickovich

---

In May 2018, Amherst County considered the long term costs associated with the development of either Cell 2 of the existing landfill (identified as Option 1) or the construction of a transfer station at the landfill site with hauling considered to two facilities (Region 2000 and WMX – Amelia County) which was identified as Option 2. Option 2 also included closure of Cell 1.

The May 2018 evaluation considered a time period of FY 2019 through FY 2038 which was based on the estimated life of Cell 2 of the landfill. The evaluation was performed as a total cost of service analysis and included capital construction costs, equipment costs, operational costs, closure and post closure care costs, and the debt service on the loan.

The report did not include costs for the convenience centers or recycling which was considered to be the same for both options. The report provided total cost of service, annual costs and an estimated cost per ton.

Since then, Draper Aden Associates was requested to consider an alternate location for a transfer station and our report has been presented under separate memorandum. The landfill site remains the most cost effective site for the transfer station at this time.

As discussed, and as important to this memorandum, landfill tipping fees are not charged against the tonnage collected from the County's convenience centers, collected curbside in Madison Heights from residents, brought by the Town of Amherst contract collection company, and brought by Sweet Briar College's contract collection company. Deliveries to the landfill for 2017 as provided in the May report to the Board of Supervisors is included below for reference:



**Summary of Landfill Deliveries by Source – 2017 County Records**

<b>CATEGORY</b>	<b>TONNAGE</b>	<b>%</b>
County staffed convenience centers	4,665	15.8
County unstaffed convenience centers	3,224	10.9
County curbside – Madison Heights	3,255	11.0
County - Direct deliveries to landfill (Exclusive of yard waste)	2,136	7.2
Town of Amherst	931	3.2
VDOT	201	0.7
Private haulers	15,070	51.2
<b>TOTAL</b>	<b>29,482</b>	<b>100.0</b>

Recently, Draper Aden Associates was asked to consider a third option. This option would consider the costs to the County if the County closed Cell 1 of the landfill and directed the waste collected from the convenience centers to an alternate solid waste facility outside of the County. This is termed Option 3 in this memorandum. Two locations for receipt of the convenience center waste were considered for this evaluation and included the operating Region 2000 Livestock Road landfill in Rustburg, VA and the proposed County Waste of Virginia (CWV) Transfer Station in Concord, Virginia. The CWV facility is not yet permitted, constructed or operational but CWV has indicated that this facility would be operational within the time frames needed by the County (e.g. within 2 years).

For Option 3, costs for the additional transportation to these two facilities (over the existing cost of transport to the landfill) were considered as well as the tipping fee costs. The Region 2000 tipping fee is the FY 2019 market rate (\$40.25/ton) while the Concord Transfer Station rate was quoted during a meeting with CWV (\$55.00/ton). As hauling from the convenience centers is privatized and subject to procurement, the hauling costs may vary from those estimated. Tipping fees are also subject to negotiation, inflationary factors or procurement and may vary from the assumptions in this evaluation.

In addition for this analysis, Draper Aden Associates was asked to consider the cost for disposal for the County's waste from the convenience centers (7,889 tons from Table 1 above) only, and to consider the cost for disposal for the waste collected from the convenience centers, curbside in Madison Heights, the Town of Amherst and Sweet Briar College (actual tonnage for the college was not available at preparation of this memorandum so 100 tons was included) (12,175 tons). Collection costs for Madison Heights, the Town of Amherst and Sweet Briar are not considered as these costs are currently not considered in the County's budget.

Attachment 1 includes the tables developed during this evaluation. Tables 1A and 1B illustrate the base calculations for FY 2019 for the differential in hauling costs from the convenience centers, and disposal costs at the varying tonnages identified above. Tables 2A and 2B project these costs over the period from FY 2019 through FY 2037, to allow comparison with Options 1 and 2 from the original report. Table 3 provides a comparison of Option 3 with Options 1 and 2 from the original report. The table below summarizes the findings.

### Comparison of Options

OPTION	ANNUAL TONNAGE HANDLED BY SYSTEM	ESTIMATED DISPOSAL COST FY 2019 - FY 2037	TOTAL ANNUAL SOLID WASTE COSTS	COST PER TOTAL TON
<b>Existing landfill operation - FY 2019 budget INCLUDING debt service</b>	<b>24,600</b>	<b>LANDFILL FY 2019</b>	<b>\$2,045,934</b>	<b>\$83</b>
<b>Option 1</b> - Continue landfill operations - Construction of Cell 2 - Original report	24,600	\$45,199,300	\$3,170,511	\$129
<b>Option 2A</b> - Construct transfer station at landfill and transfer to Region 2000 - Original report	24,600	\$44,111,100	\$3,113,237	\$127
<b>Option 2B</b> - Construct transfer station at landfill and transfer to WMX - Amelia landfill - Original report	24,600	\$40,563,700	\$2,926,532	\$119
<b>Option 3A</b> - Direct haul from convenience centers to Region 2000 - disposal cost for convenience center tonnage only (Table 2A)	7,889	\$18,325,000	\$1,756,074	\$223
<b>Option 3B</b> - Direct haul from convenience centers to Concord TS - disposal cost for convenience center tonnage only (Table 2A)	7,889	\$19,467,000	\$1,816,179	\$230
<b>Option 3C</b> - Direct haul from convenience centers to Region 2000 - disposal cost convenience center, curbside Madison Heights, Town of Amherst and Sweet Briar (Table 2B)	12,175	\$22,265,000	\$1,963,442	\$161
<b>Option 3D</b> - Direct haul from convenience centers to Concord TS - disposal costs for convenience center, curbside Madison Heights, Town of Amherst and Sweet Briar (Table 2B)	12,175	\$24,851,000	\$2,099,547	\$172

Based on this information and as would be anticipated, the direct haul from the convenience centers to an out of County facility is less expensive regardless of disposal costs than the future operation by the County of either a landfill or a transfer station. Reliance on out of County facilities reduces the short term flexibility of the County but would not preclude the County from revisiting either the landfill operations or a transfer station operation in the future.

Other considerations for the County relative to Option 3 include the following:

- Option 3 will require the County's business sector to determine the best alternative for their waste handling.
- Option 3 will require the County PSA or any other water or wastewater treatment facility that currently uses the landfill to find alternate disposal options for their sludge.
- Option 3 reduces the ability of the County to react to natural disasters.
- Option 3 will require the County to consider additional convenience centers to better handle their citizens waste disposal needs. In 2017, 2,136 tons was directly delivered to the landfill by County residents or other businesses not currently collected by the private haulers. Residents will need to be directed to the convenience centers or to curbside collection where possible. Businesses will need to change their waste handling operations.
- Option 3 provides services only to residential customers.

There is a significant amount of information before the Board of Supervisors for consideration at this time. Based on the evaluations and projections, continuation of the landfill operations does not seem to be a viable alternative, not only based on cost but also based on concern relative to the growth in risk and liability associated with construction and operation of the next cell (and future cells). Other disadvantages have been outlined in previous presentations and the May 2018 report.

The transfer station option maintains current level of service, is most efficient cost/ton, provides multiple lowest bidder contracting options, avoids unlimited liability, provides indoor/contained operations without weather challenges, fewer manpower challenges, and low threat regulatory environment. Direct haul handles only the County convenience center collection with or without payment of other residential disposal fees. The final decision by the Board of Supervisors must consider their long term goal for the County's waste management program.



**Attachment 1**  
**Tables**

**TABLE 1A****OPTION 3 - DIRECT HAUL FROM CONVENIENCE CENTERS TO HANDLING FACILITY****Amherst County - Existing convenience center system as of 2017/2018****DIFFERENTIAL HAUL COSTS AND DISPOSAL FOR ONLY COUNTY CONVENIENCE CENTERS**

(Disposal only for convenience center tonnage)

County Collection Site	Hauls (From County records)	To Region 2000 - Option 3A		To Concord TS - Option 3B	
		One-Way Region 2000 LF (miles)	RT Miles	One-Way Potential Concord TS (miles)	RT Miles
60 East CC	59	32	3,776	26	3,068
60 West Container Site (615)	73	33	4,818	30	4,380
Coolwell CC	761	24	36,528	18	27,396
Galt's Mill Container Site (Stapleton)	Closed - tonnage assumed to go to Coolwell				
Long Mountain Container Site	8	43	688	37	592
New Glasgow Container Site (610)	116	33	7,656	27	6,264
Pedlar CC	272	27	14,688	25	13,600
Warrick Barn CC	112	36	8,064	31	6,944
New Site (Dodd's Store/60W)	Not constructed - will ultimately replace Long Mountain site				
TOTAL mileage			76,218		62,244
Cost per mile (FY 19 budget/current mile estimate)			\$4.75		\$4.75
Estimated haul cost - FY 2019			\$362,036		\$295,659
<b>Differential HAUL cost for change in receiving facility</b>			<b>\$187,036</b>		<b>\$120,659</b>
Cost for disposal per ton		R2K FY 2019	\$40.25	CWV quote	\$55.00
Tonnage hauled - 2017 County records			7,889		7,889
<b>Total disposal cost - FY 2019</b>			<b>\$317,532</b>		<b>\$433,895</b>
<b>DIFFERENTIAL HAUL COST AND DISPOSAL - FY 2019</b>			<b>\$504,568</b>		<b>\$554,554</b>

**NOTES:**

1. FY 2019 budget for haul from convenience centers to landfill is \$175,000. This equates to approximately \$4.75/mile. Hauling is privatized and this cost may vary with contractor.
2. Differential cost calculated as total haul cost **minus** current budget for hauling.
3. Differential cost used to allow comparison of this alternative with original report. Original report did not include collection costs since assumed to be same regardless of landfill or transfer.
4. Disposal tonnage **ONLY** tonnage from County convenience centers.
4. The costs do not include any of the operational costs associated with convenience centers e.g. attendants.

<b>TABLE 2A</b>											
<b>OPTION 3 - DIRECT HAUL FROM CONVENIENCE CENTERS TO HANDLING FACILITY</b>											
<b>SUMMARY OF COSTS FY 2019 THROUGH FY 2037</b>											
<b>DISPOSAL ONLY FOR COUNTY WASTE FROM CONVENIENCE CENTERS</b>											
Inflation	1.02										
<b>OPTION 3A - DIRECT HAUL TO REGION 2000</b>						<b>OPTION 3B - DIRECT HAUL TO CONCORD TURNPIKE</b>					
<b>FISCAL YEAR</b>	<b>TONNAGE</b>	<b>DIFFERENTIAL HAUL</b>	<b>DISPOSAL</b>	<b>LOAN PAYBACK</b>	<b>POST CLOSURE CARE COSTS</b>	<b>TOTAL</b>	<b>DIFFERENTIAL HAUL</b>	<b>DISPOSAL</b>	<b>LOAN PAYBACK</b>	<b>POST CLOSURE CARE COSTS</b>	<b>TOTAL</b>
2019	7,889	\$187,036	\$317,532	\$321,947	\$86,700	\$913,215	\$120,659	\$433,895	\$321,947	\$86,700	\$963,201
2020	7,889	\$190,777	\$323,883	\$321,178	\$88,434	\$924,271	\$123,072	\$442,573	\$321,178	\$88,434	\$975,257
2021	7,889	\$194,592	\$330,360	\$321,267	\$90,203	\$936,422	\$125,534	\$451,424	\$321,267	\$90,203	\$988,428
2022	7,889	\$198,484	\$336,967	\$321,201	\$92,007	\$948,659	\$128,044	\$460,453	\$321,201	\$92,007	\$1,001,705
2023	7,889	\$202,454	\$343,707	\$320,982	\$93,847	\$960,989	\$130,605	\$469,662	\$320,982	\$93,847	\$1,015,096
2024	7,889	\$206,503	\$350,581	\$321,596	\$95,724	\$974,404	\$133,217	\$479,055	\$321,596	\$95,724	\$1,029,592
2025	7,889	\$210,633	\$357,593	\$321,042	\$97,638	\$986,906	\$135,882	\$488,636	\$321,042	\$97,638	\$1,043,198
2026	7,889	\$214,846	\$364,744	\$321,322	\$99,591	\$1,000,503	\$138,599	\$498,409	\$321,322	\$99,591	\$1,057,921
2027	7,889	\$219,142	\$372,039	\$321,421	\$101,583	\$1,014,186	\$141,371	\$508,377	\$321,421	\$101,583	\$1,072,752
2028	7,889	\$223,525	\$379,480	\$321,341	\$103,615	\$1,027,961	\$144,199	\$518,545	\$321,341	\$103,615	\$1,087,699
2029	7,889	\$227,996	\$387,070	\$321,080	\$105,687	\$1,041,832	\$147,083	\$528,916	\$321,080	\$105,687	\$1,102,765
2030	7,889	\$232,556	\$394,811	\$321,628	\$107,801	\$1,056,795	\$150,024	\$539,494	\$321,628	\$107,801	\$1,118,947
2031	7,889	\$237,207	\$402,707	\$321,969	\$109,957	\$1,071,840	\$153,025	\$550,284	\$321,969	\$109,957	\$1,135,234
2032	7,889	\$241,951	\$410,762	\$321,118	\$112,156	\$1,085,986	\$156,085	\$561,289	\$321,118	\$112,156	\$1,150,648
2033	7,889	\$246,790	\$418,977	\$321,073	\$114,399	\$1,101,239	\$159,207	\$572,515	\$321,073	\$114,399	\$1,167,194
2034	7,889	\$251,726	\$427,356		\$116,687	\$795,769	\$162,391	\$583,966		\$116,687	\$863,043
2035	7,889	\$256,760	\$435,903		\$119,021	\$811,684	\$165,639	\$595,645		\$119,021	\$880,304
2036	7,889	\$261,896	\$444,621		\$121,401	\$827,918	\$168,952	\$607,558		\$121,401	\$897,910
2037	7,889	\$267,133	\$453,514		\$123,829	\$844,476	\$172,331	\$619,709		\$123,829	\$915,869
<b>TOTAL</b>	<b>149,891</b>	<b>\$4,272,007</b>	<b>\$7,252,608</b>	<b>\$4,820,165</b>	<b>\$1,980,276</b>	<b>\$18,325,056</b>	<b>\$2,755,919</b>	<b>\$9,910,404</b>	<b>\$4,820,165</b>	<b>\$1,980,276</b>	<b>\$19,466,765</b>
<b>NOTES:</b>											
1. Differential haul and disposal costs taken from Table 1. See note on use of differential haul costs in Table 1.											
2. Assumes that loan used for landfill closure and convenience center construction.											
3. Differential haul costs are exclusive of operational costs associated with convenience centers, e.g. attendants, utilities etc.											
4. Differential haul costs are exclusive of any operational costs at landfill that would remain, e.g. wood waste management.											



**TABLE 1B****OPTION 3 - DIRECT HAUL FROM CONVENIENCE CENTERS TO HANDLING FACILITY****Amherst County - Existing convenience center system as of 2017/2018****DIFFERENTIAL HAUL COSTS AND DISPOSAL FOR ALL COUNTY RESIDENTIAL GARBAGE**

(i.e. convenience centers, curbside in Madison Heights, Town of Amherst and Sweet Briar)

County Collection Site	Hauls (From County records)	To Region 2000 - Option 3C		To Concord TS - Option 3D	
		One-Way Region 2000 LF (miles)	RT Miles	One-Way Potential Concord TS (miles)	RT Miles
60 East CC	59	32	3,776	26	3,068
60 West Container Site (615)	73	33	4,818	30	4,380
Coolwell CC	761	24	36,528	18	27,396
Galt's Mill Container Site (Stapleton)	Closed - tonnage assumed to go to Coolwell				
Long Mountain Container Site	8	43	688	37	592
New Glasgow Container Site (610)	116	33	7,656	27	6,264
Pedlar CC	272	27	14,688	25	13,600
Warrick Barn CC	112	36	8,064	31	6,944
New Site (Dodd's Store/60W)	Not constructed - will ultimately replace Long Mountain site				
TOTAL mileage			76,218		62,244
Cost per mile (FY 19 budget/current mile estimate)			\$4.75		\$4.75
Estimated haul cost - FY 2019			\$362,036		\$295,659
<b>Differential HAUL cost for change in receiving facility</b>			<b>\$187,036</b>		<b>\$120,659</b>
Cost for disposal per ton		R2K FY 2019	\$40.25	CWV quote	\$55.00
Tonnage hauled - 2017 County records			12,175		12,175
<b>Total disposal cost - FY 2019</b>			<b>\$490,044</b>		<b>\$669,625</b>
<b>DIFFERENTIAL HAUL COST AND DISPOSAL - FY 2019</b>			<b>\$677,079</b>		<b>\$790,284</b>

**NOTES:**

1. FY 2019 budget for haul from convenience centers to landfill is \$175,000. This equates to approximately \$4.75/mile. Hauling is privatized and this cost may vary with contractor.
2. Differential cost calculated as total haul cost **minus** current budget for hauling.
3. Differential cost used to allow comparison of this alternative with original report.  
Original report did not include collection costs since assumed to be same regardless of landfill or transfer.
4. Total County tonnage calculated as follows: convenience centers (7,889) + Town of Amherst (931) + County Curbside (Madison Heights)(3,255) + Sweet Briar (100) = 12,175 tons. See Table 4 in original report.
5. The costs do not include any of the operational costs associated with convenience centers e.g. attendants.

<b>TABLE 2B</b>											
<b>OPTION 3 - DIRECT HAUL FROM CONVENIENCE CENTERS TO HANDLING FACILITY</b>											
<b>SUMMARY OF COSTS FY 2019 THROUGH FY 2037</b>											
<b>DISPOSAL COSTS FOR CONVENIENCE CENTERS, MADISON HEIGHTS CURBSIDE, TOWN OF AMHERST, AND SWEET BRIAR</b>											
Inflation	1.02										
		<b>OPTION 3C - DIRECT HAUL TO REGION 2000</b>					<b>OPTION 3D - DIRECT HAUL TO CONCORD TURNPIKE</b>				
<b>FISCAL YEAR</b>	<b>TONNAGE</b>	<b>DIFFERENTIAL HAUL</b>	<b>DISPOSAL</b>	<b>LOAN PAYBACK</b>	<b>POST CLOSURE CARE COSTS</b>	<b>TOTAL</b>	<b>DIFFERENTIAL HAUL</b>	<b>DISPOSAL</b>	<b>LOAN PAYBACK</b>	<b>POST CLOSURE CARE COSTS</b>	<b>TOTAL</b>
2019	7,889	\$187,036	\$490,044	\$321,947	\$86,700	\$1,085,727	\$120,659	\$669,625	\$321,947	\$86,700	\$1,198,931
2020	7,889	\$190,777	\$499,845	\$321,178	\$88,434	\$1,100,234	\$123,072	\$683,018	\$321,178	\$88,434	\$1,215,702
2021	7,889	\$194,592	\$509,842	\$321,267	\$90,203	\$1,115,904	\$125,534	\$696,678	\$321,267	\$90,203	\$1,233,681
2022	7,889	\$198,484	\$520,039	\$321,201	\$92,007	\$1,131,730	\$128,044	\$710,611	\$321,201	\$92,007	\$1,251,863
2023	7,889	\$202,454	\$530,439	\$320,982	\$93,847	\$1,147,722	\$130,605	\$724,824	\$320,982	\$93,847	\$1,270,258
2024	7,889	\$206,503	\$541,048	\$321,596	\$95,724	\$1,164,871	\$133,217	\$739,320	\$321,596	\$95,724	\$1,289,857
2025	7,889	\$210,633	\$551,869	\$321,042	\$97,638	\$1,181,182	\$135,882	\$754,107	\$321,042	\$97,638	\$1,308,668
2026	7,889	\$214,846	\$562,907	\$321,322	\$99,591	\$1,198,665	\$138,599	\$769,189	\$321,322	\$99,591	\$1,328,701
2027	7,889	\$219,142	\$574,165	\$321,421	\$101,583	\$1,216,311	\$141,371	\$784,572	\$321,421	\$101,583	\$1,348,948
2028	7,889	\$223,525	\$585,648	\$321,341	\$103,615	\$1,234,129	\$144,199	\$800,264	\$321,341	\$103,615	\$1,369,418
2029	7,889	\$227,996	\$597,361	\$321,080	\$105,687	\$1,252,124	\$147,083	\$816,269	\$321,080	\$105,687	\$1,390,119
2030	7,889	\$232,556	\$609,308	\$321,628	\$107,801	\$1,271,292	\$150,024	\$832,595	\$321,628	\$107,801	\$1,412,047
2031	7,889	\$237,207	\$621,494	\$321,969	\$109,957	\$1,290,627	\$153,025	\$849,246	\$321,969	\$109,957	\$1,434,197
2032	7,889	\$241,951	\$633,924	\$321,118	\$112,156	\$1,309,149	\$156,085	\$866,231	\$321,118	\$112,156	\$1,455,590
2033	7,889	\$246,790	\$646,603	\$321,073	\$114,399	\$1,328,864	\$159,207	\$883,556	\$321,073	\$114,399	\$1,478,235
2034	7,889	\$251,726	\$659,535		\$116,687	\$1,027,947	\$162,391	\$901,227		\$116,687	\$1,180,305
2035	7,889	\$256,760	\$672,725		\$119,021	\$1,048,506	\$165,639	\$919,252		\$119,021	\$1,203,911
2036	7,889	\$261,896	\$686,180		\$121,401	\$1,069,476	\$168,952	\$937,637		\$121,401	\$1,227,989
2037	7,889	\$267,133	\$699,904		\$123,829	\$1,090,866	\$172,331	\$956,389		\$123,829	\$1,252,549
<b>TOTAL</b>	<b>149,891</b>	<b>\$4,272,007</b>	<b>\$11,192,879</b>	<b>\$4,820,165</b>	<b>\$1,980,276</b>	<b>\$22,265,327</b>	<b>\$2,755,919</b>	<b>\$15,294,609</b>	<b>\$4,820,165</b>	<b>\$1,980,276</b>	<b>\$24,850,969</b>
<b>NOTES:</b>											
1. Differential haul and disposal costs taken from Table 1. See note on use of differential haul costs in Table 1.											
2. Assumes that loan used for landfill closure and convenience center construction.											
3. Differential haul costs are exclusive of operational costs associated with convenience centers, e.g. attendants, utilities etc.											
4. Differential haul costs are exclusive of any operational costs at landfill that would remain, e.g. wood waste management.											

**TABLE 3 (Revision 1)****OPTION 3 - DIRECT HAUL FROM CONVENIENCE CENTERS TO HANDLING FACILITY  
COMPARISON WITH OTHER OPTIONS -AVERAGE ESTIMATED ANNUAL COST**

Option 1 and Option 2 information taken from DAA 5/15/19 report (Page 2).

Options 3A through 3D taken from Tables 1A/2A and 1B/2B

Number of years in evaluation

19

OPTION	ANNUAL TONNAGE HANDLED BY SYSTEM	TOTAL ESTIMATED COST FY 2019 - FY 2037	AVERAGE ESTIMATED ANNUAL COST	COST PER TOTAL TON	GREEN BOX COLLECTION AND RECYCLING AVERAGE ANNUAL COST FY 2019 - FY 2037	TOTAL SOLID WASTE COSTS	COST PER TOTAL TON
<b>Existing landfill operation - FY 2019 budget INCLUDING debt service</b>	<b>24,600</b>	<b>LANDFILL FY 2019</b>	<b>\$1,387,445</b>	\$56	\$658,489	\$2,045,934	\$83
<b>Option 1</b> - Continue landfill operations - Construction of Cell 2 - Original report	24,600	\$45,199,300	\$2,378,911	\$97	\$791,600	\$3,170,511	\$129
<b>Option 2A</b> - Construct transfer station at landfill and transfer to Region 2000 - Original report	24,600	\$44,111,100	\$2,321,637	\$94	\$791,600	\$3,113,237	\$127
<b>Option 2B</b> - Construct transfer station at landfill and transfer to WMX - Amelia landfill - Original report	24,600	\$40,563,700	\$2,134,932	\$87	\$791,600	\$2,926,532	\$119
<b>Option 3A</b> - Direct haul from convenience centers to Region 2000 - disposal cost for convenience center tonnage only (Table 2A)	7,889	\$18,325,000	\$964,474	\$122	\$791,600	\$1,756,074	\$223
<b>Option 3B</b> - Direct haul from convenience centers to Concord TS - disposal cost for convenience center tonnage only (Table 2A)	7,889	\$19,467,000	\$1,024,579	\$130	\$791,600	\$1,816,179	\$230
<b>Option 3C</b> - Direct haul from convenience centers to Region 2000 - disposal cost convenience center, curbside Madison Heights, Town of Amherst and Sweet Briar (Table 2B)	12,175	\$22,265,000	\$1,171,842	\$96	\$791,600	\$1,963,442	\$161
<b>Option 3D</b> - Direct haul from convenience centers to Concord TS - disposal costs for convenience center, curbside Madison Heights, Town of Amherst and Sweet Briar (Table 2B)	12,175	\$24,851,000	\$1,307,947	\$107	\$791,600	\$2,099,547	\$172

**NOTES:**

1. Greenbox container (42050) and Recycling (42030) added as separate column.
2. Options 3A through 3D include only differential haul costs from convenience centers.
3. Differential haul costs from convenience centers used because Options 1 and 2 did not include any hauling costs from convenience centers.
4. All Options include loan payback although loan money used for different activities depending on option.
5. All Options include post closure care of landfill although variable with option.

**Board of Supervisors**

L. J. Ayers III, Chair  
District 3  
Kenneth M. Campbell, Vice-Chair  
District 1  
David W. Pugh, Jr., Supervisor  
District 4  
Jennifer R. Moore, Supervisor  
District 5  
Claudia D. Tucker, Supervisor  
District 2



**County Administrator**  
Dean C. Rodgers

**County Attorney**  
Michael W. S. Lockaby

**AMHERST COUNTY BOARD OF SUPERVISORS**  
**MINUTES – March 5, 2019**

**AGENDA**

March 5, 2019  
Administration Building - 153 Washington Street - Public Meeting Room  
Amherst, Virginia 24521  
Informal Luncheon – 12:00 p.m.  
Meeting Convened - 1:00 p.m.

- I. Call to Order**
- II. Approval of Agenda**
- III. Invocation and Pledge of Allegiance**
- IV. Ordinance - First Reading**
  - A. Ordinance 2018-0006, implementing Zoning Administrator Variances and Interpretations
  - B. Ordinance 2018-0007, implementing Business-Friendly Parking and Residential Density Amendments
  - C. Ordinance 2019-0001, amending Special Exception code changes
  - D. Ordinance 2019-0003, parades, demonstrations and unlawful assembly
  - E. Ordinance 2019-0004, amending §§5-17 and 5-17.1. Chapter 5 – Elections, Article II. Election Districts and Central absentee election district.
- V. Citizen Comment**
- VI. Consent Agenda**
  - A. Minutes - February 5, 2019 and February 5, 2019 Budget Workshop
- VII. Old Business**
  - A. Landfill Options
- VIII. New Business**
  - A. Utility Easement
- IX. County Administrator's Report**
  - A. Boards/Commissions/Committees - upcoming vacancies
- X. County Attorney's Report**
- XI. Liaison and Committee Reports**



A. Lynchburg Regional Business Alliance Report

**XII. Departmental Reports**

A. Annual Report - Parks, Recreation & Cultural Development Board

**XIII. Citizen Comment**

**XIV. Matters from Members of the Board of Supervisors**

**XV. Adjournment**

**MINUTES**

At a Regular Meeting of the Amherst County Board of Supervisors and held at the Amherst County Administration building, Amherst, Virginia, thereof on Tuesday, the 5<sup>th</sup> day of March 2019, at 1:00 p.m., the following members were present:

**BOARD OF SUPERVISORS:**

**PRESENT:** L. J. Ayers III, Chairman  
Kenneth M. Campbell, Vice-Chair  
David W. Pugh, Jr., Supervisor  
Jennifer R. Moore, Supervisor  
Claudia D. Tucker, Supervisor

**ABSENT:** None

**COUNTY STAFF:** County Administrator Dean C. Rodgers  
Deputy County Administrator David R. Proffitt  
County Attorney Michael W. S. Lockaby  
EA Clerk to Board Regina M. Rice  
Planning/Zoning Director Jeremy Bryant  
Finance Director Stacey Wilkes

**OTHERS PRESENT:** Ms. Lynn Klappich, Program Manager, Draper Aden Associates

**I. Call to Order**

Chairman Ayers called the meeting to order at 1:00 p.m.

**II. Approval of Agenda**

By motion of Supervisor Campbell and with the following vote, the Board approved the Agenda for March 5, 2019.

**AYE:** Mr. Ayers, Mr. Campbell, Mr. Pugh. Ms. Moore and Ms. Tucker  
**NAY:** None  
**ABSENT:** None

**III. Invocation and Pledge of Allegiance**

Chairman Ayers led the Invocation and Pledge of Allegiance.

**IV. Ordinance - First Reading**

A. Ordinance 2018-0006, implementing Zoning Administrator Variances and Interpretations

Planning/Zoning Director Jeremy Bryant addressed the Board and explained this ordinance would allow more flexibility to the variance process and allow the Zoning Administrator to set a \$50 fee to review these requests.

Mr. Bryant advised the proposed ordinance is a part of the Business-Friendliness Initiative that would allow the public a simpler process regarding a variance request.

Mr. Bryant advised the Planning Commission held a public hearing on February 21 and recommended approval of the Ordinance.

By motion of Supervisor Campbell and with the following vote, the Board directed staff to advertise Ordinance 2018-0006 for a public hearing.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

B. Ordinance 2018-0007, implementing Business-Friendly Parking and Residential Density Amendments

Planning/Zoning Director Jeremy Bryant addressed the Board and advised the proposed ordinance was part of the Business-Friendliness Initiative that would allow a 25 percent reduction in parking and a 50 percent increase in density in the R-3 Multi-Family Residential District.

Mr. Bryant advised the Planning Commission held a public hearing on February 21 and recommended approval of the Ordinance.

By motion of Supervisor Tucker and with the following vote, the board directed staff to advertise Ordinance 2018-0006 for a public hearing.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

C. Ordinance 2019-0001, amending Special Exception code changes

Planning/Zoning Director Jeremy Bryant addressed the Board and advised the Planning Commission held a workshop to review special exception uses that could be modified, removed or added to make Amherst County a more business friendly community. The Planning Commission then recommended those changes be added to the County ordinance.

By motion of Supervisor Moore and with the following vote, the Board directed staff to advertise Ordinance 2019-0001 for a public hearing.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

D. Ordinance 2019-0003, parades, demonstrations and unlawful assembly

County Attorney Lockaby advised the proposed ordinance addresses parades and other public assemblies to be appropriately permitted to assure that public safety and local law enforcement are informed.

Supervisor Tucker asked if there has been a history in Amherst County where an illegal assembly or any event occurred that caused this ordinance to be formulated.

Mr. Lockaby understood there was a serious concern about an event to be held on the Courthouse yard or steps which generated safety concerns by the Sheriff's office.

**BOOK 36**  
MINUTES – March 5, 2019  
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By motion of Supervisor Tucker and with the following vote, the Board directed staff to advertise Ordinance 2019-0003 for a public hearing.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

- E. E. Ordinance 2019-0004, amending §§5-17 and 5-17.1. Chapter 5 – Elections, Article II. Election Districts and Central absentee election district.

County Administrator Rodgers presented the proposed ordinance which would amend the County Code to change polling locations where existing landlords have asked the Electoral Board to move, and to accept leases on all polling locations.

By motion of Chairman Ayers and with the following vote, the Board directed staff to advertise Ordinance 2019-0004 for a public hearing.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

**V. Citizen Comment**

Ms. Rosemary Urban of Monroe, Virginia, addressed the Board regarding a proposed “Re-Use Shed” that would collect reusable items at solid waste disposal locations.

Ms. Urban said five re-use sheds have been located in Nelson County and have demonstrated a high rate of success. She asked that the Board consider this option that would keep reusable items out of the county’s landfill. (See Attachment A)

Chairman Ayers asked the County Administrator to look into this proposal.

Ms. Sara Carter, Town Manager of the Town of Amherst, addressed the Board and requested that the Board consider a full service transfer station to accommodate dump trucks and commercial haulers. She was concerned about additional costs to citizens who use Town curbside collection.

**VI. Consent Agenda**

- A. Minutes - February 5, 2019 and February 5, 2019 Budget Workshop

By motion of Supervisor Campbell and with the following vote the Board approved the Consent Agenda for March 5, 2019.

AYE: Mr. Ayers, Mr. Campbell Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

**VII. Old Business**

- A. Landfill Options

Ms. Lynn Klappich, Program Manager for Draper Aden presented a PowerPoint presentation regarding landfill options. She reported that Option 1 would be to continue with the current landfill and Option 2 would be to build a transfer station and haul waste to another location.

Ms. Klappich discussed the transfer station site options and direct haul options. She provided the Board with the advantages and disadvantages of maintaining the current landfill site and the possible Riverview Road site used as a transfer station.

She recommended that the Riverview Road site be eliminated for consideration of a transfer station, however, believed a convenience center would be possible at that site.

Ms. Klappich discussed Option 3 which was a direct haul that the county would be responsible to haul waste from convenience centers to a receiving facility. She discussed the hauling costs.

In conclusion, Ms. Klappich stated that a landfill is a perpetual construction project with continued monitoring and mandatory regulations. She said a transfer station would prove to maintain the same level of service and be the most efficient cost per ton. **(See Attachments B-1, B-2 and B-3)**

The Board continued its discussion.

Supervisor Pugh said the County should choose an option to keep the level of service of what we currently have.

Chairman Ayers said it was the consensus not to change the level of service.

Vice-Chair Campbell said we need to get the right information out and money to allow us to put in two to three convenience centers.

Supervisor Moore asked about what regulations the county would need to construct a transfer station.

Supervisor Tucker commented she was in favor of building a transfer station which would keep the level of service for the Town, Sweet Briar College and Madison Heights.

Supervisor Pugh said he was in favor of keeping landfill open. However, he said to suggest the landfill was a liability was based on speculation, and asked for the actual costs of a transfer station by going out with a RFP.

Chairman Ayers understood that large amounts of brush could still be deposited in the county's landfill by asking DEQ to keep the permit open.

By motion of Supervisor Tucker and with the following vote, the Board voted to proceed with closure of the existing landfill cell and undertake design and construction of a transfer station at the existing landfill site.

AYE:	Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker
NAY:	Mr. Pugh
ABSENT:	None
ABSTAIN:	None

#### **VIII. New Business**

##### **A. Utility Easement**

Deputy County Administrator David Proffitt addressed the Board regarding an agreement and easement with Central Virginia Electric Cooperative to provide electrical service to the Dodd's Store Convenience Center site. He asked the Board for authorization to have the County Administration execute the agreement and the associated easement.



By motion of Chairman Ayers and with the following vote, the Board authorized execution by the County Administrator of the Central Virginia Electric Cooperative agreement to provide power to the Dodd's store Solid Waste Convenience Center and its associated easement.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

**IX. County Administrator's Report**

A. Boards/Commissions/Committees - upcoming vacancies

For the Board's information.

**X. County Attorney's Report**

County Attorney Lockaby advised the Board he received the proposed language from Comcast for a revised cable franchise agreement with the county. He asked if the Board would like to have this as an item on the agenda to explain and receive input from the Board, or to go forward with negotiation.

It was the Board's consensus to proceed with the negotiation.

Mr. Lockaby advised he received several requests from attorneys representing landowners regarding conservation easements in the county.

He advised there are costs and difficulties involved, but a willingness to work with people on conservation easements. He suggested contacting the Agricultural extension office to provide the Board with a presentation on conservation easements.

It was the Board's consensus to proceed.

Supervisor Tucker asked the County Administrator to notify the AG committee.

**XI. Liaison and Committee Reports**

A. Lynchburg Regional Business Alliance Report

For the Board's information.

**XII. Departmental Reports**

A. Annual Report - Parks, Recreation & Cultural Development Board

For the Board's information.

**XIII. Citizen Comment**

Mr. Bill Peters of Amherst, Virginia requested a copy of the RFP concerning the landfill and all associated matters.

**XIV. Matters from Members of the Board of Supervisors**

Supervisor Tucker had no matter to discuss.

Supervisor Moore had no matter to discuss.

Supervisor Pugh had no matter to discuss.

Vice-Chair Campbell had no matter to discuss.

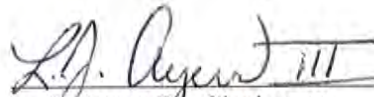
**BOOK 36**  
MINUTES – March 5, 2019  
Page | 678

Chairman Ayers advised he attended a Beautification Committee meeting last week. The committee asked about using the ACSA water tower to display the Amherst County logo as well as ways making changes to the appearance of the Madison Heights area.

**XV. Adjournment**

By motion of Vice-Chair Campbell and with the following vote, the Board adjourned at 2:25 p.m.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None



L. J. Ayers III, Chairman  
Amherst County Board of Supervisors



Dean C. Rodgers, Clerk

A

## **PEDLAR VALLEY GARDEN CLUB RE-USE SHED PROPOSAL**

**PROPOSAL:** The county of Amherst in collaboration with the \*Pedlar Valley Garden Club will construct a 6x8 re-use shed at the Pedlar Mills Collection Site.

**PURPOSE :** Many county residents are throwing good, reusable items in the trash bins. Once an item is placed in a bin, it is considered contaminated and scavenging is discouraged. These reusable items then become part of the county land fill. Numerous items can be used by county residents.

**HISTORY:** Based on the success of the five re-use sheds in Nelson County, installing a shed has a high probability of success.

First Nelson County Shed installed: 2005 (Shipman). Four other sheds installed in 2008 (Rockfish, Faber, Massies Mill, Montebello).

**Funding:** The Nelson County sheds were funded by the litter grant provided to each county from recycling income and donations. The recycle grant must be applied for. The Pedlar Valley Garden Club is willing to write the necessary proposal.

**Maintenance:** The shed will be maintained by the county employees, already at the site. Items not suitable for the shed will be discouraged (TVs, clothing, appliances).

**Savings:** Based on a Nelson County survey, approximately 23 tons of reusable items were kept out of the County landfill.

**Concerns:** In the 13 years the Nelson sheds have been in existence, there has only been one reported altercation. This was quickly settled by the County employee. If the re-use shed does not prove its value to the county, the 6x8 building can be removed and used elsewhere.

Questions? Contact Rosemary Urban, 434-770-0749 or Faye Brown 434-229-5660.

\*The Pedlar Valley Garden club has been in existence since 1954. In addition to its other philanthropic activities, the Club was instrumental in working with VDOT in choosing a design for the 643 bridge in Pedlar Mills.









# Draper Aden Associates

Engineering • Surveying • Environmental Services

B-1

## Memorandum

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**To:** Mr. Dean Rodgers, Amherst County Administrator  
**From:** Ms. Lynn P. Klappich, Program Manager  
**Date:** March 4, 2019  
**Project Name:** Amherst Options Evaluation  
**Project Number:** B05176-109/109B  
**Subject:** Comparison of Transfer Station Options  
**cc:** Board of Supervisors, David Proffitt, Keith Stevens, Don Marickovich

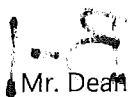
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As requested, Draper Aden Associates has considered several options for the location of a transfer station in Amherst County. For this evaluation, it was assumed that any options would receive the current tonnage received at the landfill, an average of 24,600 tons per year and that the facility would need to be constructed, permitted and operational in two years $\pm$ .

Two sites were chosen for this evaluation. The first site (Option 1) was the landfill site at a location within the facility property as generally identified in our original report dated May 15, 2018. There is significant area at the landfill for placement of a transfer station without limiting use of the site for future solid waste operations. The second site (Option 2) was located on Riverview Road at an older landfill site identified in VDEQ records as Permit 216. See location maps provided in Attachment 1.

Draper Aden Associates met with the County staff and representatives of the Virginia Department of Transportation for preparation of this memorandum on February 19, 2019. We have also been in communication with VDEQ relative to the Riverview Road site.

Based on just the site locations, a table included in Attachment 2 was prepared to summarize the advantages and disadvantages for each option. Review of this table will indicate that the primary advantage of the landfill site is the available area and existing infrastructure, while the primary advantage of the Riverview Road site is its proximity to a major primary road (Route 29). The disadvantage of the landfill site is potentially the transportation routes to the site, while the disadvantages of the Riverview Road site include its previous usage as a landfill, higher risk, and limited space.



Mr. Dean Rodgers, Amherst County Administrator

March 4, 2019

Page 2 of 4

Because of the location, each site comes with a different set of design criteria. Key design elements or assumptions for each option are summarized in a table in Attachment 2. A key difference between Option 1 and 2 is the use of a passive load system for Option 1 and a mechanical/compactor loading system for Option 2. Information on the Marathon compaction equipment including schematic and quote are included in Attachment 3.

Conceptual layouts for each facility have been completed and are included in Attachment 4 to this memorandum.

- Figure CP-1A – Option 1A - Concept Plan – Landfill Site – original report layout - Plan
- Figure CP-1B – Option 1B - Concept Plan – Landfill Site – modified to east – Plan
- Figure CP-2A – Option 2 - Concept Plan – Riverview Road – Western site – Plan

Table 1 summarizes the earthwork and construction quantities bases on the conceptual layouts.

**TABLE 1**  
**AMHERST COUNTY TRANSFER STATION EVALUATION**  
**EARTHWORK AND CONSTRUCTION CONCEPTUAL QUANTITIES**

<b>ITEM</b>	<b>OPTION 1 Existing Landfill (Cell 3/4 area)</b>	<b>OPTION 2 Riverview Road site West side</b>
Subsurface investigation	Standard for foundation design	Atypical Will need to identify waste location, waste depth and depth/type of cover
Wetland permitting	None required	Potentially required. Delineation will be needed if impact to the ravine.
Building	No changes from previous report	Foundation will be significantly more expensive if waste found under facility.
Compaction equipment	Not required	Assumed to be required to reduce cut
Infrastructure		
Entrance improvements	Required	Required

ITEM	OPTION 1 Existing Landfill (Cell 3/4 area)	OPTION 2 Riverview Road site West side
Landscaping plan	Not required	Required
Scales and scalehouse	Not required although relocation may be preferable	Required
Office	Not required	Required
Sewer or septic	At office	Not known at this time
Water	At office	Public water appears to be available
Estimated total area of disturbance	8+ acres	7+ acres
Access Road	2,200± lf	2,300± lf
Concrete staging pad	9,500± sf	10,000± sf
Trailer Storage areas	Significant area available	Very limited area
Excavation (exclusive of sediment basins)	7,200± cy Can be used for fill	6,100± cy Assumed waste/soil mix that would need to be transported to landfill for disposal.
Fill	21,300± cy On-site material	62,800± cy Off-site material
Major storm drain piping	Not required	285± lf
Chain link fencing - frontage	Not required	2,100± lf
Woven wire fencing	Not required	4,300± lf

Based on these conceptual plans as referenced above and the estimated quantities, we have prepared conceptual costs for each option as summarized in the table below. It is assumed that each structure regardless of option would be approximately 8,000 square feet. Site work includes site preparation, erosion control and stormwater management, road construction, fencing, landscaping, and electrical. Site work includes a 10% contingency. Compaction equipment cost provided by Marathon. Building cost and special foundation provided by architect.

**TABLE 2**  
**AMHERST COUNTY TRANSFER STATION EVALUATION**  
**CONCEPTUAL CAPITAL COSTS**

<b>ITEM</b>	<b>OPTION 1 Existing Landfill (Cell 3/4 area)</b>	<b>OPTION 2 Riverview Road site West side</b>
Building	\$820,000±	\$820,000±
Special foundation	Not required	\$300,000±
Landfill gas control system	Not required	\$30,000±
Compaction equipment	\$0	\$330,000±
Entrance improvements	\$100,000	\$120,000
Scales and scalehouse	Not required	\$250,000
Sitework	\$1,120,000	\$2,717,000
<b>Subtotal</b>	<b>\$2,040,000</b>	<b>\$4,567,000</b>
Engineering and permitting	\$200,000	\$300,000
<b>TOTAL</b>	<b>\$2,240,000</b>	<b>\$4,867,000</b>

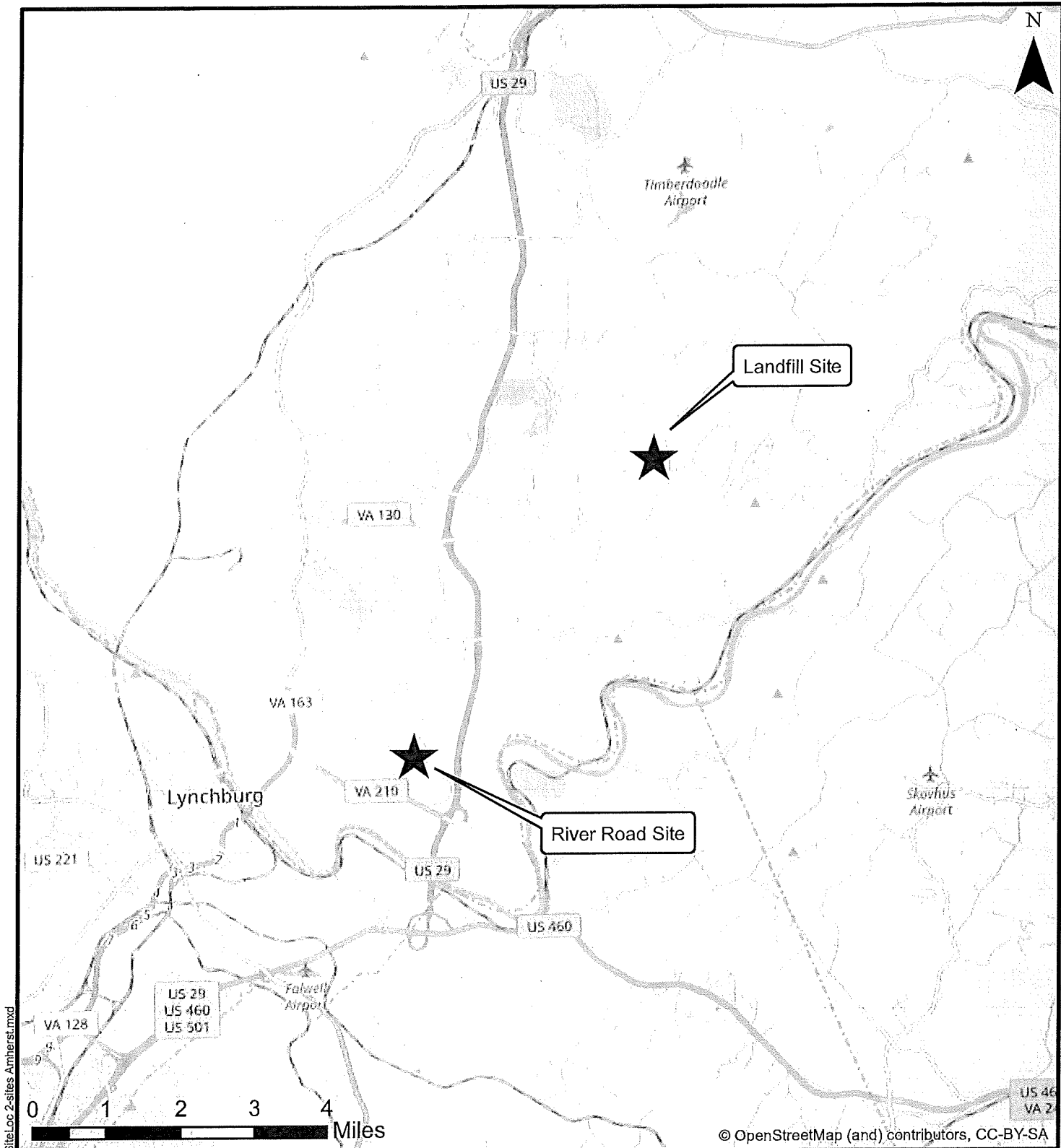
Table 2 indicates that the Riverview Road site development costs will exceed the current loan. Based on this conceptual analysis and considering the risks associated with development at the Riverview Road site, the Riverview Road site was dropped from further consideration for use as a transfer station. However, the Riverview Road site does appear to be suitable for use as a convenience center site which would require much less infrastructure and disturbance to the site.

**ATTACHMENTS:**

- Attachment 1 – Location maps
- Attachment 2 – Advantages and Disadvantages of sites and Design Criteria
- Attachment 3 – Marathon Equipment Information
- Attachment 4 – Conceptual Layouts



**Attachment 1**  
**Location maps**



Path: P:\B05176\B05176-03\GIS\Fig-1 Site Loc 2-sites Amherst.mxd

© OpenStreetMap (and) contributors, CC-BY-SA

# Site Locations

Two Sites  
Amherst Co, Va

SCALE: 1:120,000

PROJECT: B05176-109B



**Draper Aden Associates**

*Engineering • Surveying • Environmental Services*

2206 South Main Street  
Blacksburg, VA 24060  
540-552-0444 Fax: 540-552-0291

Richmond, VA  
Charlottesville, VA  
Hampton Roads, VA

Raleigh, NC  
Fayetteville, NC  
Northern Virginia

DESIGNED: LPK  
DRAWN: SMF  
CHECKED: LPK  
DATE: 2-25-19

FIGURE  
1







## Site Location

Parcel 161-A-118  
Riverview Road  
Amherst Co, Va

SCALE: 1" = 2000'

PROJECT: B05176-109B



**Draper Aden Associates**

*Engineering • Surveying • Environmental Services*

2206 South Main Street  
Blacksburg, VA 24060  
540-552-0444 Fax: 540-552-0291

Richmond, VA  
Charlottesville, VA  
Hampton Roads, VA

Raleigh, NC  
Fayetteville, NC  
Northern Virginia

DESIGNED: LPK  
DRAWN: SMF  
CHECKED: LPK  
DATE: 2-25-19

FIGURE  
3

**Attachment 2**  
**Advantages and Disadvantages of Sites**  
**And**  
**Design Criteria**

**AMHERST COUNTY TRANSFER STATION ANALYSIS  
COMPARISON OF ADVANTAGES AND DISADVANTAGES  
LANDFILL AND RIVERVIEW ROAD SITES**

	<b>LANDFILL SITE</b>	<b>RIVERVIEW ROAD SITE</b>
<b>ADVANTAGES</b>	<ol style="list-style-type: none"> <li>1. Within the boundaries of a previously permitted landfill site on undisturbed ground.</li> <li>2. Office, scales and scalehouse exist.</li> <li>3. Utilities exist.</li> <li>4. Fill material is available.</li> <li>5. Personnel at transfer station can address other activities e.g. brush handling, landfill maintenance, leachate hauling, stormwater management etc.</li> </ol>	<ol style="list-style-type: none"> <li>1. Closer access to primary route; shorter distance on secondary roads.</li> <li>2. Riverview Road posted at 25 mph in vicinity of site.</li> <li>3. Potentially fewer residential properties impacted.</li> <li>4. Closer to major waste generation area in Madison Heights.</li> </ol>
<b>DISADVANTAGES</b>	<ol style="list-style-type: none"> <li>1. Longer travel distance on secondary roads required to reach site.</li> <li>2. Per VDOT, facility entrance will need improvements to address heavier usage by transfer trailers.</li> </ol>	<ol style="list-style-type: none"> <li>1. Site was previously used for waste disposal. Design would require determination of location of waste materials.</li> <li>2. Construction on waste would require additional design elements. To minimize excavation, a mechanical compactor loading system was considered.</li> <li>3. Waste may need to be excavated and removed from site during grading operations. Will require transport to landfill for disposal. Costs include this assumption.</li> <li>4. Significant fill required to reduce potential need for waste excavation. No fill material available on site based on previous use of site for waste disposal.</li> <li>5. Power line and water line running parallel to site.</li> <li>6. Gas pipeline and major drainage area bisect site limiting usage to eastern half of site.</li> </ol>



**AMHERST COUNTY TRANSFER STATION ANALYSIS  
COMPARISON OF ADVANTAGES AND DISADVANTAGES  
LANDFILL AND RIVERVIEW ROAD SITES**

	LANDFILL SITE	RIVERVIEW ROAD SITE
		<p>7. DEQ permitting more extensive for disturbance of site.</p> <p>8. Additional personnel may be needed to handle operations at existing landfill after closure e.g. brush, metal recycling, landfill cover maintenance and stormwater management, leachate hauling.</p>

**AMHERST COUNTY  
TRANSFER STATION EVALUATION  
DESIGN CRITERIA AND ASSUMPTIONS  
OPTIONS 1 AND 2**

**Option 1 – Key design requirements or assumptions for the landfill site:**

- Passive load system will be used to load the haul trailers e.g. garbage trucks will dump onto a covered tipping floor and a wheel loader will push the waste into a transfer trailer.
- Approximate grade break (tipping floor to haul trailer base grade) is 12 – 16 feet.
- Size of building is 8,000 square feet.
- Scales, scalehouse and office in place. Optimally, if the facility is moved further to the east (Option 1B) the scales may be relocated.
- VDOT indicated that significant improvements at the landfill entrance will be required to reduce impact to Kentmoor Farm Road. They expressed concern about a tractor trailer turning into an oncoming lane. They indicated that they do not have any jurisdiction over off-site improvements which are the County's consideration.
- VDEQ will require a permit by rule for the facility. A public comment period will be required. This is standard permitting for a transfer station.
- A convenience center is possible with access a potential challenge depending on the location of the transfer station. There are multiple options for a convenience center at the site.
- Personnel at the transfer station can support other activities at the landfill.

**Option 2 – Key design requirements or assumptions for the Riverview Road site:**

- The site is bisected by a gas line and drainage ravine. Based on records and review of old USGS topographic surveys it appears that waste was placed on both sides of the gas line and drainage ravine. The east area was an unpermitted landfill. The west area was permitted with the Virginia Department of Health as Permit 216. The western facility apparently stopped accepting waste in 1981. It is unknown how either site was covered and closed.
- The limits of waste and cover materials in either area are unknown. An operational plan does exist for Permit 216 which indicates a series of trenches but actual operation of this facility is unknown. Design assumed limited excavation and design of a "floating" slab for the facility.
- Because of the lack of information on the limits of waste and cover materials, development of this area would require minimal excavation and extreme care during any construction.
- VDEQ will require a permit by rule for the facility. VDEQ has indicated that there are no specific regulatory requirements for the design and permitting of a transfer station on this site e.g. no specific siting restrictions. They noted that all risk will be assigned to the County and should there be any evidence of environmental issues potentially related to

**AMHERST COUNTY**  
**TRANSFER STATION EVALUATION**  
**DESIGN CRITERIA AND ASSUMPTIONS**  
**OPTIONS 1 AND 2**

the old landfill that may develop during construction or operation, VDEQ will have the authority to revisit the transfer station permit by rule and regulatory requirements. During permitting, VDEQ will pay attention to proposed mitigation activities. A public comment period will be required.

- To reduce the excavation and grading costs, an alternative loading operation was considered. This operation would require a mechanical compactor unit. The grade break could be reduced to 5 - 10 feet (conceptual design assumed a 5 foot grade break). An alternative would be to load the transfer trailers directly but this would require a loader capable of reaching 10 - 12 feet high for loading. Marathon Equipment was contacted relative to the most effective equipment given the tonnage. They recommended the use of an M-series, Model 1050 with 10 cy hopper and a 38 second cycle time. The estimated cost for this equipment is \$330,000± (including an estimate for installation). This equipment will require 3-phase power. Information on this equipment is provided in Attachment 3 to this memorandum.
- The size of the building was assumed to be 8,000 square feet.
- Scales, scalehouse and office would need to be constructed.
- Per VDOT, even though the stretch of Riverview Road this site fronts is posted at 25 mph, and even with all trailers coming in and exiting in the same direction, VDOT anticipated significant entrance improvements to reduce impact to Riverview Road.
- Per the County Planning Department, a landscaping plan would be needed.
- A water line and power line parallel Riverview Road and will need to be considered for development. The water line may need to be cased; power line pole locations may need to be re-located.
- A convenience center is possible with or without a transfer station but there is limited space for its location. If the convenience center is combined with a transfer operation, traffic could be congested.
- No additional operations could be considered at this site.
- All fill material would need to be transported from an off-site source.
- Personnel at the transfer station will not be able to support landfill activities.



**Attachment 3**  
**Marathon Equipment Information**

MARATHONS SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE IN ORDER TO ACCOMMODATE IMPROVEMENTS TO THE EQUIPMENT.

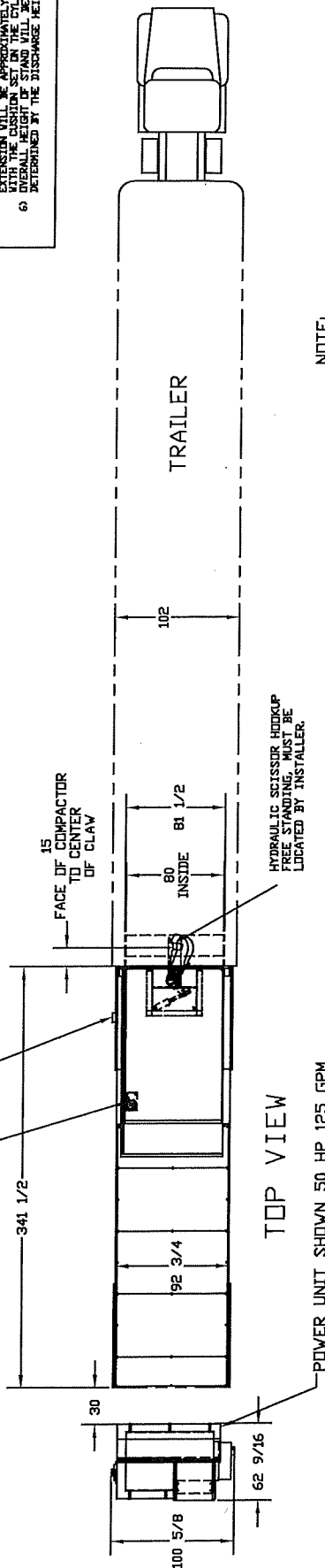
## EQUIPMENT REQUIRED

- 1) M-1050XW RAWHIDE HORIZONTAL COMPACTOR
- 2) HYDRAULIC SCISSOR
- 3) PLATFORM TO ELEVATE COMPACTOR.
- 4) POWER MIDDLE 9-50-125
- 5) 3-SIDED RIGHT SIDE HOPPER

## NOTE

PLEASE VERIFY THAT THE FOLLOWING IS ACCEPTABLE AND THAT ALL DIMENSIONS PROVIDED WILL WORK WITH THE TRAILER.

- 1) SCISSOR LOCK ASSEMBLY TO BE FLUSH WITH FACE OF CENTER RAIL
- 2) SCISSOR LOCK GRAB CLAW PLATE TO BE FLUSH WITH FACE OF CENTER RAIL
- 3) DISCHARGE HEIGHT SET AT 60" FROM GROUND TO BOTTOM OF FLOOR PLATE
- 4) TO BE SUPPLIED WITH THE COMPACTOR BODY WILL BE 48" WITH EXTENSION WILL BE APPROXIMATELY 47" WITH THE CUSHION SET ON THE CYLINDER. OVERALL HEIGHT OF STAND WILL BE DETERMINED BY THE DISCHARGE HEIGHT.

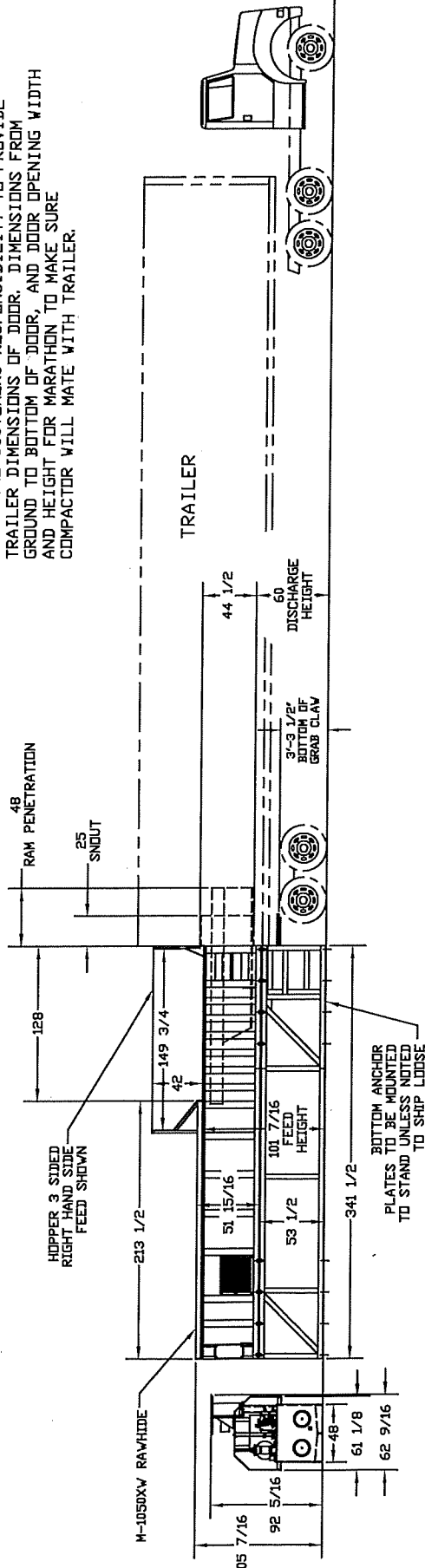


## TOP VIEW

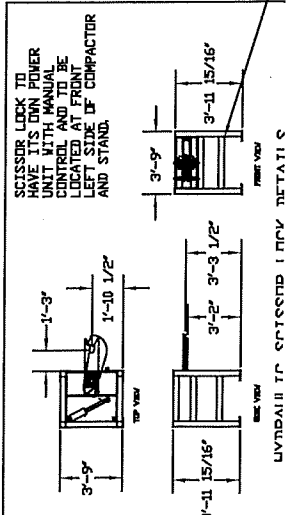
POWER UNIT SHOWN 50 HP 125 GPM

## NOTE

IT IS THE CUSTOMERS RESPONSIBILITY TO PROVIDE TRAILER DIMENSIONS OF DOOR, DIMENSIONS FROM GROUND TO BOTTOM OF DOOR, AND DOOR OPENING WIDTH AND HEIGHT FOR MARATHON TO MAKE SURE COMPACTOR WILL MATE WITH TRAILER.



## SIDE VIEW



This drawing, and all of the information and rights embodied and contained herein, constitutes confidential, proprietary information and trade secrets of Marathon Equipment Company. You are not permitted to use, disclose, distribute, copy, transmit, license, create derivative works from or otherwise reproduce this drawing in whole or in part except as authorized, in writing, by Marathon Equipment Company. You agree to immediately return this drawing and any copies or reproductions thereof upon request by Marathon Equipment Company.

## TITLE

M-1050XW RAWHIDE, PLATFORM, HYDRAULIC SCISSOR HOOKUP, 3 SD RH HOP, TRAILER

DR. BS  
CK. APP.  
DATE: 2/19/2019  
SCALE: 3/8"=1'  
TOL:  
DRAWING NO. 75848

APPROVED - MANUFACTURING MAY PROCEED.  
APPROVED - EXISTING CONDITION RESPONSIBILITY  
DRAWING - MANUFACTURING MAY PROCEED.  
NOT APPROVED - CORRECT DRAWING AS NOTED AND RESUBMIT.  
APPROVED BY:  
DATE:  
COMPANY:  
WEIGHT CAPACITY:  
CYCLES PER DAY:  
NOTE: APPROVED COPY OF THIS DRAWING MUST BE RECEIVED TO BEGIN MANUFACTURE OF UNIT.

HYDRAULIC DIL  
ALL POWER UNITS 50 HP AND ABOVE SHIP WITHOUT HYDRAULIC FLUID. IT IS THE SELLER'S RESPONSIBILITY TO PROVIDE THE REQUIRED HYDRAULIC FLUID. Refer to the Operation Manual for the unit for acceptable hydraulic fluids.

APPROXIMATE WEIGHT IS 2,000#

**MARATHON EQUIPMENT COMPANY**

PO Box 1798

Vernon, AL 35592

Phone: (205) 695-9105 Fax: (205) 695-9150

Toll Free: (800) 633-8974

**Quotation Information**

Regional Sales Manager: Shawn Gottwald  
Regional Sales Manager Email: [shawn.gottwald@marathonequipment.com](mailto:shawn.gottwald@marathonequipment.com)  
Regional Sales Manager Phone: 205-712-7270  
Inside Sales Coordinator: Lori Williams

Quote Date: 2/26/2019  
EXPIRES: 3/28/2019

**Valid 30 Days**  
**Unless Otherwise Noted**

**QUOTATION NO:****SG 22219 241****Sold To:** Amherst County**Ship To:** Amherst County

Address:

Address:

Address:

Address:

City / State / Zip: Amherst VA 24521

City / State / Zip: Amherst VA 24521

Country:

Attn:

Phone:

Contact:

Phone:

Email:

QUANTITY	DESCRIPTION	LIST PRICE	DISCOUNT %	DISCOUNT \$	NET PRICE (*QTY)	SURCHARGE %	SURCHARGE \$
1	M-1050XW	\$ 114,267.00	0.0%	\$ -	\$ 114,267.00	3.0%	\$ 3,428.01
1	Rawhide Option	\$ 27,319.00	0.0%	\$ -	\$ 27,319.00	3.0%	\$ 819.57
1	M-1050XW Stand	\$ 20,405.00	0.0%	\$ -	\$ 20,405.00	3.0%	\$ 612.15
<b>UNIT OPTIONS (SPECIFY IF CUSTOM)</b>							
1	MODEL 9-50100G Power Unit	\$ 95,023.00	0.0%	\$ -	\$ 95,023.00	3.0%	\$ 2,850.69
1	9" Bore Cylinder	\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1	50HP Motor	\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1	100 GPM Pump	\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1	Fixed scissor claw trailer connection	\$ 15,135.00	0.0%	\$ -	\$ 15,135.00	3.0%	\$ 454.05
1	Standard 3 Sided Side Feed Hopper	\$ 5,566.00	0.0%	\$ -	\$ 5,566.00	3.0%	\$ 166.98
1	Standard Oil Cooler	\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1	3 Sided Hopper	\$ 4,316.00	0.0%	\$ -	\$ 4,316.00	3.0%	\$ 129.48
1	Remote Controls on 13' Sealtite	\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1	Pressure Gauge mounted on Panel Box Frame	\$ 287.00	0.0%	\$ -	\$ 287.00	3.0%	\$ 8.61
1	Tongue and groove floor	\$ 7,847.00	0.0%	\$ -	\$ 7,847.00	3.0%	\$ 235.41
1		\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1		\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1		\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
1		\$ -	0.0%	\$ -	\$ -	3.0%	\$ -
<b>SUBTOTAL OF EQUIPMENT AND OPTIONS</b>		\$ 290,165.00		\$ -	\$ 290,165.00		\$ 8,704.95

**Standard Equipment Options**

Standard Features Include: Remote Power Pack with 11' Wire Braid Hoses; Weather Cover for Power Pack; 3 Phase 208/230/460 Volt; Push Button Controls Mounted on 13' Sealtite; Ratchets with Grab Claws; and Driver Switch.

Exception: 30 hp and 50 hp come standard with oil cooler and continuous cycle; 50 hp 100 gpm come standard with fullness package; 50 hp 125 gpm come standard with fullness package and oil management package.

Subtotal:	\$290,165.00
Special Options (from Page 2):	\$0.00
Surcharge:	\$8,704.95
Estimated Freight:	\$1,844.00
Estimated Installation:	\$0.00
Estimated Sales Tax:	\$0.00
Total:	\$300,713.95

**SPECIFICS**

- \* The above pricing is F.O.B. factory discounted price unless otherwise stated.
- \* Standard MARATHON Domestic or International warranty applies, depending on equipment location
- \* Unless you have a specific written Agreement with Marathon with different terms, payment terms are 100% payment of Total shown above Net 30 days from date of invoice. All orders are invoiced at time of shipment.
- \* Terms for Recycling Solutions, Blok Pak and M-Series orders - The following PAYMENTS are required for orders over \$50,000: 30% due at time of order, 60% due 14 days prior to shipment, and final 10% due net 30 days after shipment.
- \* Pricing does not include freight, fees, taxes, licenses, permits, building modifications, project management, installation or start up training charges unless specifically stated.
- \* Quoted taxes are estimated. Tax exemption certificate must be supplied when placing order. Certificate provided after equipment invoices will not guarantee credit of sales tax.
- \* Installation dates are estimated and installation may change based upon site readiness. Marathon reserves the right to charge a remobilization fee if the site is not ready for installation at time of equipment delivery.
- \* National pricing for installation of machines purchased by Key Accounts does not apply to projects located in Nevada and, if noted herein, is provided for reference only. Licensed Contractors must supply site-specific installation quotations and perform the related work product in Nevada.
- \* For customer-performed or third party installations arranged by customer, customer is responsible for completing this installation in accordance with OSHA and ANSI Standards.
- \* Any changes to product configuration or delivery address/date after order is placed may incur additional charges.
- \* If you have any questions, please feel free to contact your salesman.



**MARATHON EQUIPMENT COMPANY**

PO Box 1798

Vernon, AL 35592

Phone: (205) 695-9105 Fax: (205) 695-9150

Toll Free: (800) 633-8974

**QUOTATION NO:****SG 22219 241****TERMS AND CONDITIONS OF SALE**

1. **ORDERS.** All orders are subject to acceptance or rejection by Environmental Solutions Group, its subsidiaries, or affiliates including but not limited to: Hell Environmental, Marathon Equipment Company, The Curotto-Can, LLC, and Bayne Machine Works (collectively, "ESG"). NO ORDERS MAY BE CHANGED IN ANY MANNER WITHIN THIRTY DAYS OF THE SCHEDULED PRODUCTION DATE. ANY CHANGES REQUIRED BY THE CUSTOMER WITHIN THIS 30-DAY TIME FRAME may incur additional charges AND WILL CAUSE THE ORDER TO BE REMOVED FROM THE PRODUCTION SCHEDULE AND RESCHEDULED AS DEEMED NECESSARY BY ESG IN ITS SOLE JUDGMENT.
2. **ORDER CANCELLATION.** After acceptance, orders for solid waste management and/or recycling Products ("Products") cannot be cancelled except upon terms that will compensate ESG fully for all inconvenience, cost, loss or damage sustained.
3. **ORDER ACKNOWLEDGEMENTS.** An Order Acknowledgment ("OA") must be reviewed, signed and returned to the applicable ESG subsidiary or affiliate to indicate Purchaser's verification the order is accurate. ESG reserves the right to hold an order from being slotted in the Production Schedule until a signed OA has been received. Regardless of whether an Order Acknowledgment has been executed, Purchaser expressly waives any claims of error or loss for orders that are produced in accordance with an OA transmitted to Purchaser that Purchaser does not correct and transmit in writing to ESG before production begins.
4. **CUSTOM ORDER REQUESTS.** Orders for Products with components not regularly carried in stock or requiring special engineering, special parts ordering or special manufacture are in every case subject to approval by the Product Management department of ESG and shall be subject to the procedures and qualifications set forth in ESG's Custom Order Policy as published by ESG and/or posted on the respective ESG website. Work performed at Purchaser's request such as sketches, drawings, design, testing, fabrication and materials shall be charged at then-current rates.
5. **PERFORMANCE.** ESG shall not be liable for damages of any kind whatsoever arising from failure to complete the contract in accordance with its terms if such changes are due to Acts of God, wars, severe weather, strikes, fires, floods, accidents, material shortages, delays in transportation and other acts of force majeure or other causes beyond its reasonable control.
6. **INTELLECTUAL PROPERTY.** Sketches, engineering drawings, specifications, models, mock-ups, manuals, marketing materials, and all preparatory work submitted to, created or furnished by ESG shall remain its exclusive property. No other customer use of these materials is authorized, nor may derivations, alternatives or modifications created therefrom be used or disclosed to anyone except with the prior written consent of ESG.
7. **SHIPMENT AND F.O.B. POINT.** All shipments will be made after completion of manufacture unless otherwise agreed to in writing. In the event that agreement is reached for ESG to store completed items, the Purchaser will be invoiced immediately upon completion of manufacture, and such invoice shall be due and payable according to these terms. Storage shall be at the risk of the Purchaser and ESG shall be liable only for the ordinary care of the property. Unless otherwise stated in writing, all prices quoted or otherwise listed are F.O.B. point of manufacture. In all cases, in-transit liability and risk of loss transfers to the Purchaser at the time of delivery to the Purchaser, their employees, agents, or a delivery service or common carrier - whichever occurs first. Unless otherwise provided, with respect to the attachment or affixing of ESG Products to the Purchaser's property (e.g. truck chassis), title and risk of loss with respect to such Products are transferred to Purchaser upon initiation of such attachment.
8. **PURCHASER'S PROPERTY.** ESG may charge the Purchaser at current rates, for handling and storing Purchaser's property (e.g. truck chassis or Purchaser-supplied accessories) when held for more than thirty days. All Purchaser's property, or third parties' property, that is stored by ESG or its employees, agents or assigns (whether on or off ESG facilities) is at the Purchaser's or other party's risk. ESG shall only provide for ordinary care of the property and shall not be liable for any loss or damage thereto caused by fire, water, corrosion, vandalism, theft, negligence, or any cause whatsoever. It is the Purchaser's unconditional obligation to insure its property and/or accept the risk of loss.
9. **TRAINING.** It is the Purchaser's responsibility to provide these Terms & Conditions of Sale to the Product owner and to specifically notify the Product owner that it is the Product owner's responsibility to ensure that the Operators Manual remains with each unit and the Parts & Service Manual is available for use. Additionally, regardless of whether or not the manufacturer or its designee provides training at the time of Product delivery, the Product owner is responsible for training their operators and maintenance personnel and shall ensure that every person who operates or maintains the Product has been trained on the proper operation, service, storage, service hoist use, battery disconnect use, lock out/tag out procedures and the Product owner's company work rules for each Product.
10. **PRICES.** All orders are subject to current prices in effect at the time of shipment, including any applicable surcharges. Purchaser must exclusively assign the qualified alternative motor vehicle credit to ESG or its designee. Purchaser expressly understands and agrees that the pricing quoted for qualified alternative motor vehicles includes a discount predicated on ESG obtaining a stipulated tax credit and Purchaser agrees to fully compensate ESG for any reduction or recapture of said qualified alternative motor vehicle tax credit for any reason whatsoever. It is understood that recapture of the tax credit may be caused by converting a Compressed Natural Gas ("CNG") engine to a diesel engine.
11. **PAYMENT AND COLLECTION.** ESG's standard domestic payment terms are Net 30 days from the date of invoice unless modified by a separate written agreement with your company. For non-domestic shipments, a Letter of Credit or other ESG approved surety of payment may be required prior to shipment. Notwithstanding the foregoing, ESG reserves the right to offset payments against open account balances and administer credit in accordance with its Credit Department's sole judgment at any time and its decision shall be final, non-appealable, and binding. If for any reason the Purchaser defaults on any monies owed to ESG, said Purchaser shall be responsible for all costs incurred by ESG in the collection of outstanding monies including but not limited to: collection agency fees, filing fees, judgment, interest expense, settlement, Court and/or administration costs, attorney's fees, etc. ESG reserves the right to charge and collect late fees for overdue payments.
12. **TAXES.** Unless specifically stated on your quotation and invoice, prices charged by ESG do not include Federal, State, City or other excise, occupation, sales, use, VAT or similar taxes which are extra and are the customers' obligation to pay to the applicable taxing authority at rates in effect at time of shipment. If Federal Excise Taxes are included and listed on the order acknowledgment or invoice, they are stated at the rates and regulations in effect at the time this order is written, and are subject to revision in accordance with rates and regulations in effect at time of shipment. If Federal Excise Taxes are not included on ESG's invoice, this shall not be construed as ESG
13. **PRODUCT IMPROVEMENT.** ESG reserves the right to change its solid waste management & recycling Product offerings (collectively, "Products"), Product specifications, material or component suppliers, Product design, and/or Production procedures at any time in its sole judgment.
14. **WARRANTY.** ESG warrants its Products in accordance with the applicable ESG subsidiary or affiliate's Warranty Statement (the "Warranty Statement") provided with the Product or published on the respective website unless you have a contract with ESG providing specific terms and conditions of warranty. A copy of the Warranty Statement is available from your Dealer and is posted on ESG's applicable website for the Product. While the text in the Warranty Statement for each respective ESG entity is more specific and shall prevail, ESG's Product warranty is expressly limited to repair or replacement of any component or part thereof, for any such Product that is determined by ESG to be defective in materials or workmanship. The component or part shall be repaired or replaced without cost to the first purchaser for materials and labor provided such unit is returned for such repair or replacement to an authorized ESG Dealer within six months from the unit's in-service date to such first purchaser. Any Product warranty is not transferable, except for sales demonstration units. No warranty claims will be processed on any ESG Product unless the warranty registration was submitted timely to the ESG Customer Support Department applicable to the Product. Any service parts sold by ESG carry a six month warranty for part replacement only, due to a defect in material or workmanship. Troubleshooting time, component removal and installation labor cost is excluded from ESG's service part warranty.
15. **WE MAKE NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND MAKE NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.** Any improper use, operation beyond rated capacity, substitution of non-OEM parts not specifically approved by us in writing, or any alteration or repair by others in such manner as in our judgment affects the Product materially and adversely shall void this Warranty. NO EMPLOYEE OR REPRESENTATIVE OF ESG IS AUTHORIZED TO CHANGE THIS WARRANTY IN ANY WAY OR GRANT ANY OTHER WARRANTY, except as part of a definitive written agreement between the manufacturer and purchaser. The above warranty supersedes and is in lieu of all other warranties whether express or implied.
16. **NO DIRECT OR CONSEQUENTIAL DAMAGES.** ESG hereby disclaims and does not assume any liability whatsoever for costs or expenses related to the use or unavailability of its Product for any reason, including but not limited to accidents, injury, death, late delivery penalties, chassis flooring cost or charges, Product down time, fire damage, loss of Product, in-transit damage or loss, opportunity cost, lost profits, or any other direct, indirect or consequential losses, damages or delay, property damage or injuries or death to persons.
17. **OFF-SITE LOSS DISCLAIMER.** The Purchaser shall bear all risk for damage or loss to the purchaser-owned Product, chassis, accessories, or injury to property or persons, while the Product and/or chassis is either at ESG facilities, enroute to ESG facilities, at or enroute to/from a third party subcontractor of ESG's, in transit to or from Purchaser's or the chassis manufacturer's location, or to/from any third party Dealer or a component supplier's location.
18. **CHOICE OF LAW AND VENUE.** This agreement shall be interpreted according to the laws of the State of Tennessee. Any claims lodged against ESG involving this order in any way must be filed and adjudicated in the Circuit or Federal Court located in Hamilton County, Tennessee, and in the case of appeal, at the situs of their respective appellate Courts.
19. **NON-WAIVER.** Our failure at any time to exercise any right we may have under this agreement shall not constitute a waiver thereof nor prejudice our right to enforce same thereafter.
20. **SECURITY INTEREST.** The Purchaser hereby grants a first priority purchase money security interest and lien to ESG in and to all Products and goods sold to Purchaser and to which these Terms & Conditions of Sale relate, to all chassis and trucks to which any such Products or goods become accessions, and to all Products, proceeds and accessions thereto, from time to time (collectively, the "Product Collateral") to secure all obligations of the Purchaser or any person or entity related to Purchaser, under any agreement, arrangement or financing with or provided by the Company, including without limitation, the obligation to pay the unpaid purchase price of all Products and goods from time to time sold by ESG to Purchaser (collectively, the "Obligations"). The Purchaser represents and warrants that none of the Product Collateral is subject to any other lien, security interest or claim of any type or nature, and covenants that it: (i) will not create or permit to exist any lien, security interest or claim in any portion of the Product Collateral in favor of any other person, (ii) will pay, prior to any delinquency, all taxes (including all property taxes), charges or other obligations which may be owing with respect to the Product Collateral from time to time, (iii) will not change its name, place of incorporation or creation, address or location of the Product Collateral without first providing ESG with not less than 30 days prior written notice, (iv) will take all steps requested by ESG to obtain and maintain the perfection of the security interests granted hereunder, (v) will keep the Product Collateral fully insured against destruction or damage in an amount up to its full insurable value, and will name ESG as additional insured and loss payee under all such insurance policies, and (vi) will cooperate with ESG upon any default of any of the Obligations and will, at the request of ESG, turn over and deliver all Product Collateral to or at the direction of ESG. Purchaser will, at ESG's request, execute such additional security agreements and amendments and additions thereto or hereto as ESG requests in order that it may have at all times a first priority purchase money security interest and lien securing the Obligations. Purchaser hereby authorizes ESG to file financing statements and amendments thereto in all relevant jurisdictions naming Purchaser as debtor and describing the Product Collateral as collateral.
21. **ENTIRE AGREEMENT.** Unless a prevailing purchase contract is in place between the parties hereto, this order, including the above Terms & Conditions of Sale, contains the complete and final agreement between the parties hereto and no Purchaser-supplied purchase order terms, verbal agreement, or other document in any way modifying or supplementing any of these terms and conditions will be binding on ESG unless agreed to in writing by an authorized representative of ESG.

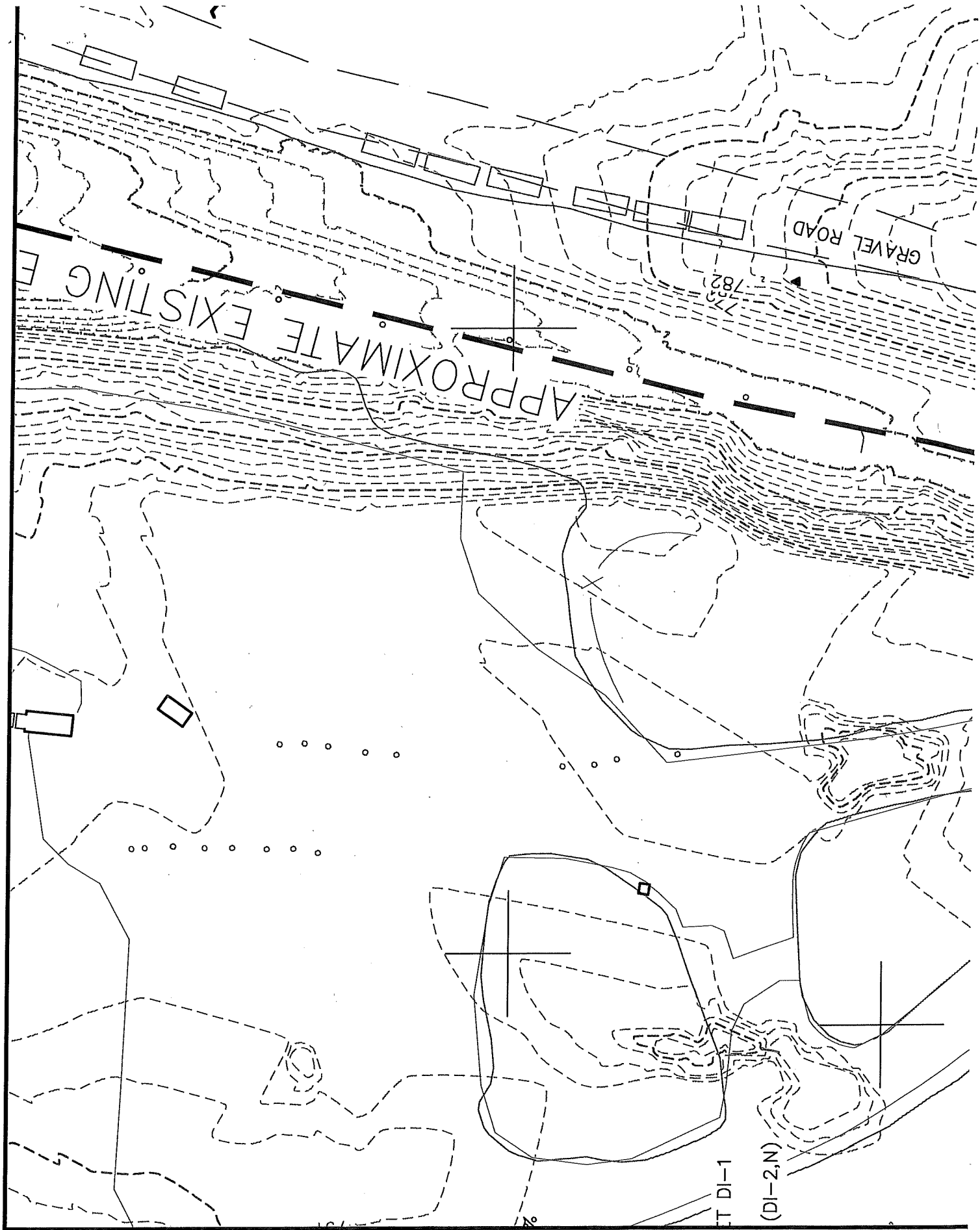
**ACCEPTANCE**

Quotation Accepted By (Signature): \_\_\_\_\_

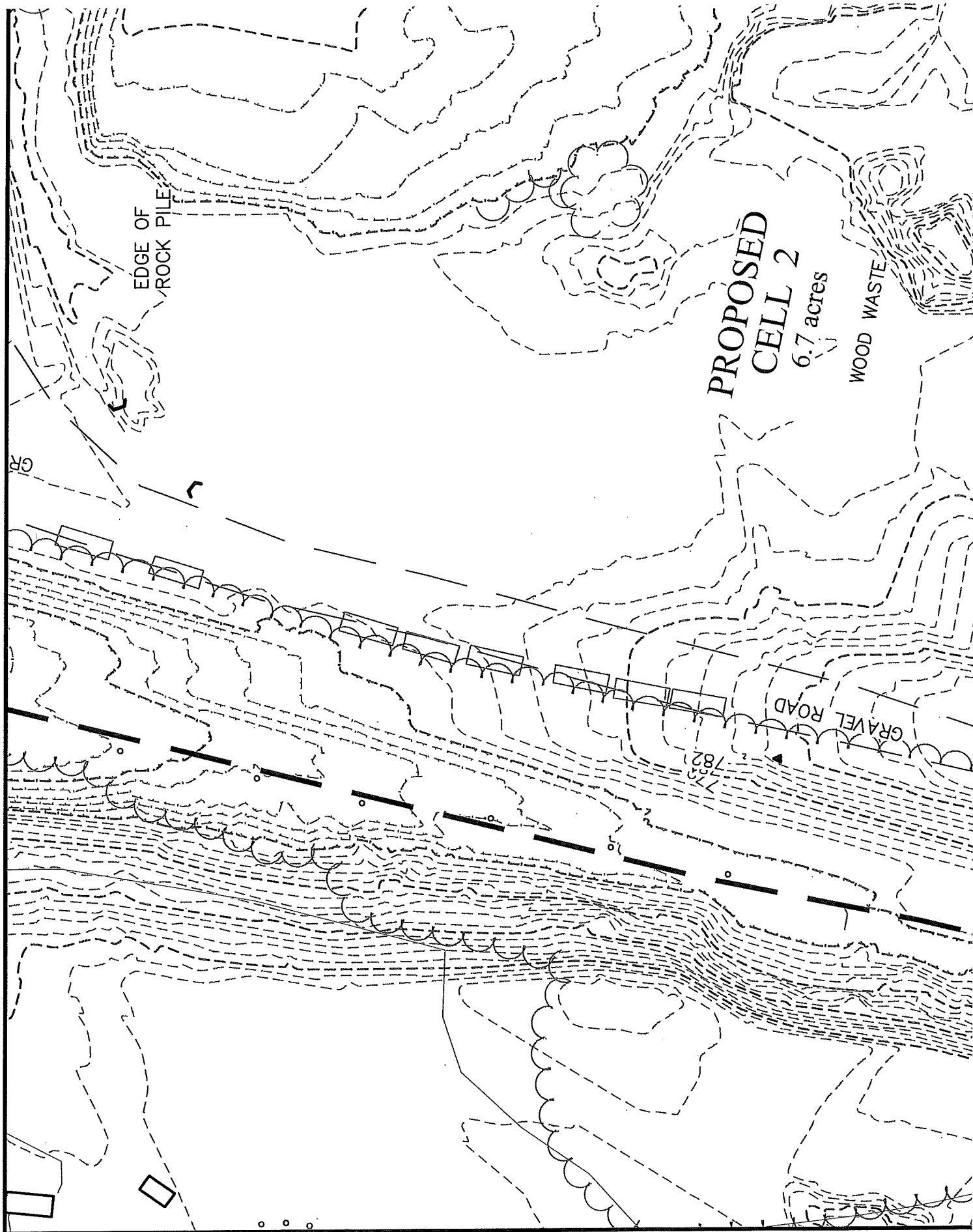
Printed Name and Title of Authorized Signatory: \_\_\_\_\_

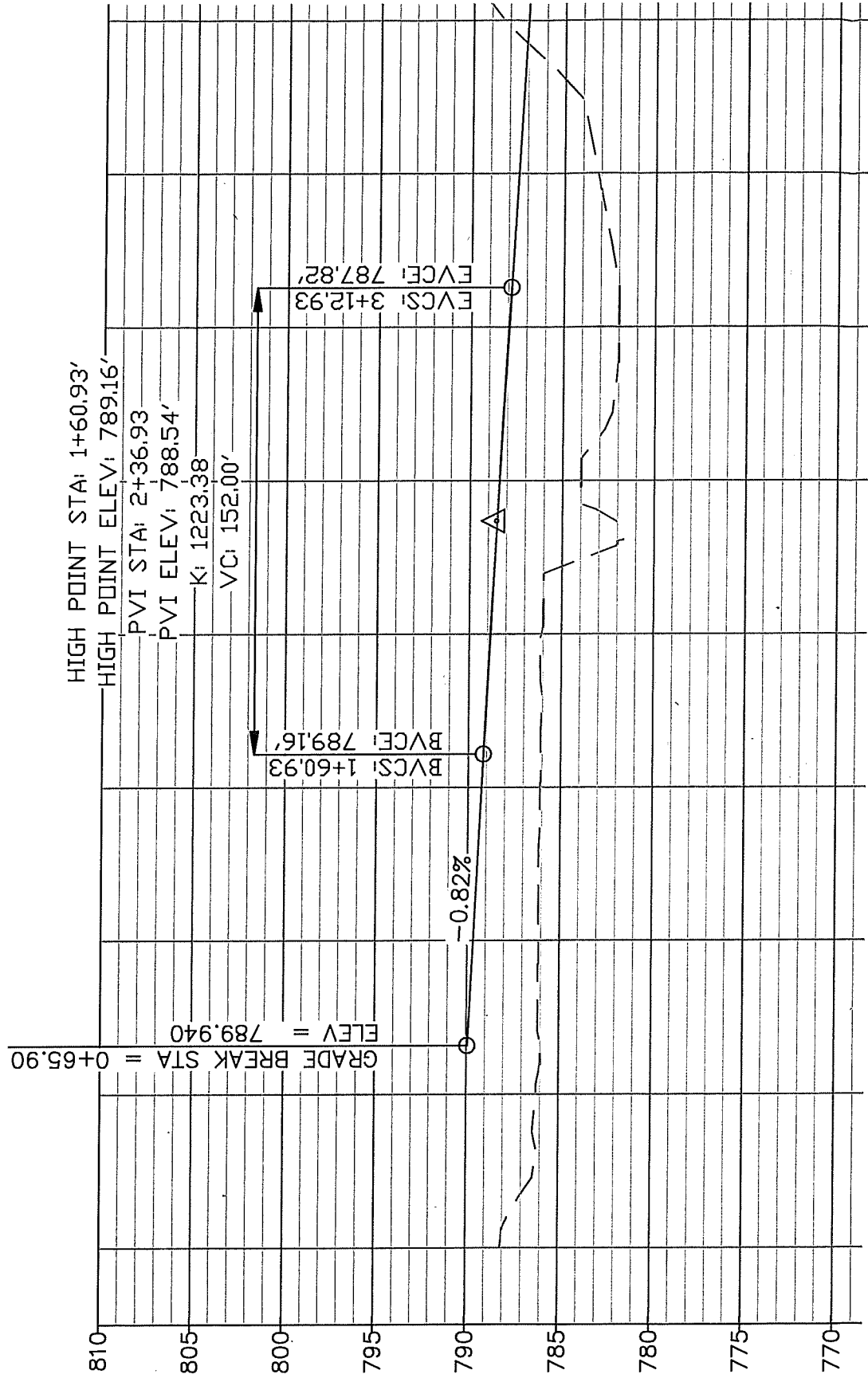
Date: \_\_\_\_\_

**Attachment 4**  
**Conceptual Layouts**









## Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut
PROPOSED GRADE	1.000	1.000	266213.16 Sq. Ft.	3593.54 C
Totals			266213.16 Sq. Ft.	3593.54 C

LOW POINT STA: 3+75.00

LOW POINT ELEV: 765.00'

PVI STA: 3+00.00

PVI ELEV: 765.00'

K: 37.34

VC: 150.00'

BVCS: 2+25.00  
BVCE: 768.01'

EVCS: 3+75.00  
EVCE: 765.00'

-2.20%

-4.02%

GRADE BREAK STA = 0+00.00  
ELEV = 776.536

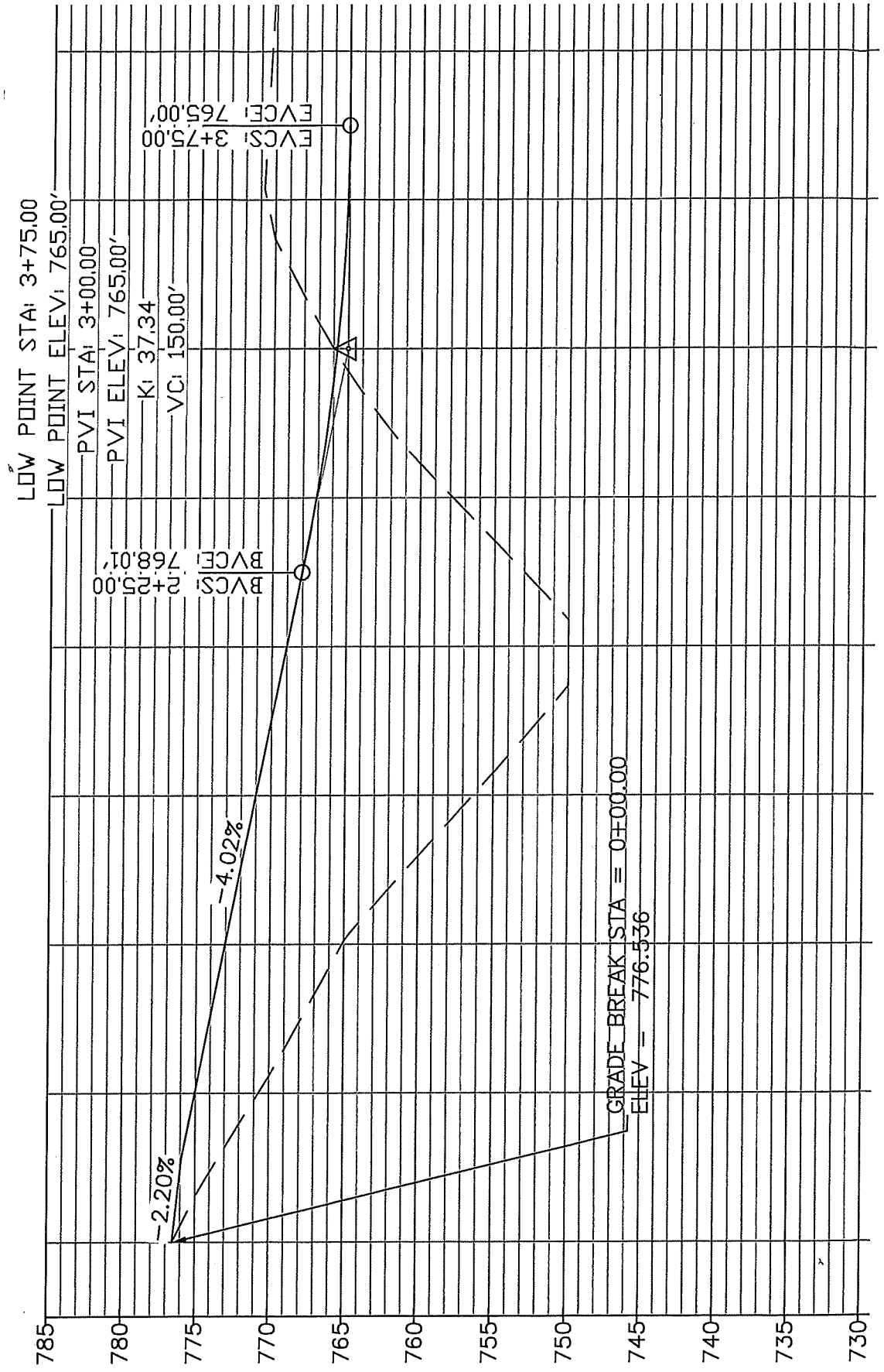
785  
780  
775  
770  
765  
760  
755  
750  
745  
740  
735  
730  
725  
720  
715



## Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area
VOL- PROPOSED SURFACE	1.000	1.000	279447.28 Sq. Ft.
Totals			279447.28 Sq. Ft.

PIP







## Memorandum

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**To:** Mr. Dean Rodgers, Amherst County Administrator  
**From:** Ms. Lynn P. Klappich, Program Manager  
**Date:** March 5, 2019  
**Project Name:** Amherst Options Evaluation  
**Project Number:** B106176-109/109B  
**Subject:** Option 3 – Direct Haul from Convenience Centers  
**cc:** Board of Supervisors, David Proffitt, Keith Stevens, Don Marickovich

---

In May 2018, Amherst County considered the long term costs associated with the development of either Cell 2 of the existing landfill (identified as Option 1) or the construction of a transfer station at the landfill site with hauling considered to two facilities (Region 2000 and WMX – Amelia County) which was identified as Option 2. Option 2 also included closure of Cell 1.

The May 2018 evaluation considered a time period of FY 2019 through FY 2038 which was based on the estimated life of Cell 2 of the landfill. The evaluation was performed as a total cost of service analysis and included capital construction costs, equipment costs, operational costs, closure and post closure care costs, and the debt service on the loan.

The report did not include costs for the convenience centers or recycling which was considered to be the same for both options. The report provided total cost of service, annual costs and an estimated cost per ton.

Since then, Draper Aden Associates was requested to consider an alternate location for a transfer station and our report has been presented under separate memorandum. The landfill site remains the most cost effective site for the transfer station at this time.

As discussed, and as important to this memorandum, landfill tipping fees are not charged against the tonnage collected from the County's convenience centers, collected curbside in Madison Heights from residents, brought by the Town of Amherst contract collection company, and brought by Sweet Briar College's contract collection company. Deliveries to the landfill for 2017 as provided in the May report to the Board of Supervisors is included below for reference:





Mr. Dean Rodgers, Amherst County Administrator

March 5, 2019

Page 2 of 4

### Summary of Landfill Deliveries by Source – 2017 County Records

CATEGORY	TONNAGE	%
County staffed convenience centers	4,665	15.8
County unstaffed convenience centers	3,224	10.9
County curbside – Madison Heights	3,255	11.0
County - Direct deliveries to landfill (Exclusive of yard waste)	2,136	7.2
Town of Amherst	931	3.2
VDOT	201	0.7
Private haulers	15,070	51.2
<b>TOTAL</b>	<b>29,482</b>	<b>100.0</b>

Recently, Draper Aden Associates was asked to consider a third option. This option would consider the costs to the County if the County closed Cell 1 of the landfill and directed the waste collected from the convenience centers to an alternate solid waste facility outside of the County. This is termed Option 3 in this memorandum. Two locations for receipt of the convenience center waste were considered for this evaluation and included the operating Region 2000 Livestock Road landfill in Rustburg, VA and the proposed County Waste of Virginia (CWV) Transfer Station in Concord, Virginia. The CWV facility is not yet permitted, constructed or operational but CWV has indicated that this facility would be operational within the time frames needed by the County (e.g. within 2 years).

For Option 3, costs for the additional transportation to these two facilities (over the existing cost of transport to the landfill) were considered as well as the tipping fee costs. The Region 2000 tipping fee is the FY 2019 market rate (\$40.25/ton) while the Concord Transfer Station rate was quoted during a meeting with CWV (\$55.00/ton). As hauling from the convenience centers is privatized and subject to procurement, the hauling costs may vary from those estimated. Tipping fees are also subject to negotiation, inflationary factors or procurement and may vary from the assumptions in this evaluation.

In addition for this analysis, Draper Aden Associates was asked to consider the cost for disposal for the County's waste from the convenience centers (7,889 tons from Table 1 above) only, and to consider the cost for disposal for the waste collected from the convenience centers, curbside in Madison Heights, the Town of Amherst and Sweet Briar College (actual tonnage for the college was not available at preparation of this memorandum so 100 tons was included) (12,175 tons). Collection costs for Madison Heights, the Town of Amherst and Sweet Briar are not considered as these costs are currently not considered in the County's budget.

Attachment 1 includes the tables developed during this evaluation. Tables 1A and 1B illustrate the base calculations for FY 2019 for the differential in hauling costs from the convenience centers, and disposal costs at the varying tonnages identified above. Tables 2A and 2B project these costs over the period from FY 2019 through FY 2037, to allow comparison with Options 1 and 2 from the original report. Table 3 provides a comparison of Option 3 with Options 1 and 2 from the original report. The table below summarizes the findings.

### Comparison of Options

OPTION	ANNUAL TONNAGE HANDLED BY SYSTEM	ESTIMATED DISPOSAL COST FY 2019 - FY 2037	TOTAL ANNUAL SOLID WASTE COSTS	COST PER TOTAL TON
<i>Existing landfill operation - FY 2019 budget INCLUDING debt service</i>	<b>24,600</b>	<b>LANDFILL FY 2019</b>	<b>\$2,045,934</b>	<b>\$83</b>
<b>Option 1</b> - Continue landfill operations - Construction of Cell 2 - Original report	24,600	\$45,199,300	\$3,170,511	\$129
<b>Option 2A</b> - Construct transfer station at landfill and transfer to Region 2000 - Original report	24,600	\$44,111,100	\$3,113,237	\$127
<b>Option 2B</b> - Construct transfer station at landfill and transfer to WMX - Amelia landfill - Original report	24,600	\$40,563,700	\$2,926,532	\$119
<b>Option 3A</b> - Direct haul from convenience centers to Region 2000 - disposal cost for convenience center tonnage only (Table 2A)	7,889	\$18,325,000	\$1,756,074	\$223
<b>Option 3B</b> - Direct haul from convenience centers to Concord TS - disposal cost for convenience center tonnage only (Table 2A)	7,889	\$19,467,000	\$1,816,179	\$230
<b>Option 3C</b> - Direct haul from convenience centers to Region 2000 - disposal cost convenience center, curbside Madison Heights, Town of Amherst and Sweet Briar (Table 2B)	12,175	\$22,265,000	\$1,963,442	\$161
<b>Option 3D</b> - Direct haul from convenience centers to Concord TS - disposal costs for convenience center, curbside Madison Heights, Town of Amherst and Sweet Briar (Table 2B)	12,175	\$24,851,000	\$2,099,547	\$172

Based on this information and as would be anticipated, the direct haul from the convenience centers to an out of County facility is less expensive regardless of disposal costs than the future operation by the County of either a landfill or a transfer station. Reliance on out of County facilities reduces the short term flexibility of the County but would not preclude the County from revisiting either the landfill operations or a transfer station operation in the future.

Other considerations for the County relative to Option 3 include the following:

- Option 3 will require the County's business sector to determine the best alternative for their waste handling.
- Option 3 will require the County PSA or any other water or wastewater treatment facility that currently uses the landfill to find alternate disposal options for their sludge.
- Option 3 reduces the ability of the County to react to natural disasters.
- Option 3 will require the County to consider additional convenience centers to better handle their citizens waste disposal needs. In 2017, 2,136 tons was directly delivered to the landfill by County residents or other businesses not currently collected by the private haulers. Residents will need to be directed to the convenience centers or to curbside collection where possible. Businesses will need to change their waste handling operations.
- Option 3 provides services only to residential customers.

There is a significant amount of information before the Board of Supervisors for consideration at this time. Based on the evaluations and projections, continuation of the landfill operations does not seem to be a viable alternative, not only based on cost but also based on concern relative to the growth in risk and liability associated with construction and operation of the next cell (and future cells). Other disadvantages have been outlined in previous presentations and the May 2018 report.

The transfer station option maintains current level of service, is most efficient cost/ton, provides multiple lowest bidder contracting options, avoids unlimited liability, provides indoor/contained operations without weather challenges, fewer manpower challenges, and low threat regulatory environment. Direct haul handles only the County convenience center collection with or without payment of other residential disposal fees. The final decision by the Board of Supervisors must consider their long term goal for the County's waste management program.

**Attachment 1**  
**Tables**



**TABLE 1A****OPTION 3 - DIRECT HAUL FROM CONVENIENCE CENTERS TO HANDLING FACILITY****Amherst County - Existing convenience center system as of 2017/2018****DIFFERENTIAL HAUL COSTS AND DISPOSAL FOR ONLY COUNTY CONVENIENCE CENTERS**

(Disposal only for convenience center tonnage)

County Collection Site	Hauls (From County records)	To Region 2000 - Option 3A		To Concord TS - Option 3B	
		One-Way Region 2000 LF (miles)	RT Miles	One-Way Potential Concord TS (miles)	RT Miles
60 East CC	59	32	3,776	26	3,068
60 West Container Site (615)	73	33	4,818	30	4,380
Coolwell CC	761	24	36,528	18	27,396
Galt's Mill Container Site (Stapleton)	Closed - tonnage assumed to go to Coolwell				
Long Mountain Container Site	8	43	688	37	592
New Glasgow Container Site (610)	116	33	7,656	27	6,264
Pedlar CC	272	27	14,688	25	13,600
Warrick Barn CC	112	36	8,064	31	6,944
New Site (Dodd's Store/60W)	Not constructed - will ultimately replace Long Mountain site				
TOTAL mileage			76,218		62,244
Cost per mile (FY 19 budget/current mile estimate)			\$4.75		\$4.75
Estimated haul cost - FY 2019			\$362,036		\$295,659
<b>Differential HAUL cost for change in receiving facility</b>			<b>\$187,036</b>		<b>\$120,659</b>
Cost for disposal per ton		R2K FY 2019	\$40.25	CWV quote	\$55.00
Tonnage hauled - 2017 County records			7,889		7,889
<b>Total disposal cost - FY 2019</b>			<b>\$317,532</b>		<b>\$433,895</b>
<b>DIFFERENTIAL HAUL COST AND DISPOSAL - FY 2019</b>			<b>\$504,568</b>		<b>\$554,554</b>

**NOTES:**

1. FY 2019 budget for haul from convenience centers to landfill is \$175,000. This equates to approximately \$4.75/mile. Hauling is privatized and this cost may vary with contractor.
2. Differential cost calculated as total haul cost **minus** current budget for hauling.
3. Differential cost used to allow comparison of this alternative with original report.  
Original report did not include collection costs since assumed to be same regardless of landfill or transfer.
4. Disposal tonnage **ONLY** tonnage from County convenience centers.
4. The costs do not include any of the operational costs associated with convenience centers e.g. attendants.



**TABLE 1B****OPTION 3 - DIRECT HAUL FROM CONVENIENCE CENTERS TO HANDLING FACILITY****Amherst County - Existing convenience center system as of 2017/2018****DIFFERENTIAL HAUL COSTS AND DISPOSAL FOR ALL COUNTY RESIDENTIAL GARBAGE**

(i.e. convenience centers, curbside in Madison Heights, Town of Amherst and Sweet Briar)

County Collection Site	Hauls (From County records)	To Region 2000 - Option 3C		To Concord TS - Option 3D	
		One-Way Region 2000 LF (miles)	RT Miles	One-Way Potential Concord TS (miles)	RT Miles
60 East CC	59	32	3,776	26	3,068
60 West Container Site (615)	73	33	4,818	30	4,380
Coolwell CC	761	24	36,528	18	27,396
Galt's Mill Container Site (Stapleton)	Closed - tonnage assumed to go to Coolwell				
Long Mountain Container Site	8	43	688	37	592
New Glasgow Container Site (610)	116	33	7,656	27	6,264
Pedlar CC	272	27	14,688	25	13,600
Warrick Barn CC	112	36	8,064	31	6,944
New Site (Dodd's Store/60W)	Not constructed - will ultimately replace Long Mountain site				
TOTAL mileage			76,218		62,244
Cost per mile (FY 19 budget/current mile estimate)			\$4.75		\$4.75
Estimated haul cost - FY 2019			\$362,036		\$295,659
<b>Differential HAUL cost for change in receiving facility</b>			<b>\$187,036</b>		<b>\$120,659</b>
Cost for disposal per ton		R2K FY 2019	\$40.25	CWV quote	\$55.00
Tonnage hauled - 2017 County records			12,175		12,175
<b>Total disposal cost - FY 2019</b>			<b>\$490,044</b>		<b>\$669,625</b>
<b>DIFFERENTIAL HAUL COST AND DISPOSAL - FY 2019</b>			<b>\$677,079</b>		<b>\$790,284</b>

**NOTES:**

1. FY 2019 budget for haul from convenience centers to landfill is \$175,000. This equates to approximately \$4.75/mile. Hauling is privatized and this cost may vary with contractor.
2. Differential cost calculated as total haul cost **minus** current budget for hauling.
3. Differential cost used to allow comparison of this alternative with original report.  
Original report did not include collection costs since assumed to be same regardless of landfill or transfer.
4. Total County tonnage calculated as follows: convenience centers (7,889) + Town of Amherst (931) + County Curbside (Madison Heights)(3,255) + Sweet Briar (100) = 12,175 tons. See Table 4 in original report.
5. The costs do not include any of the operational costs associated with convenience centers e.g. attendants.

TABLE 2B												
OPTION 3 - DIRECT HAUL FROM CONVENIENCE CENTERS TO HANDLING FACILITY												
SUMMARY OF COSTS FY 2019 THROUGH FY 2037												
DISPOSAL COSTS FOR CONVENIENCE CENTERS, MADISON HEIGHTS CURBSIDE, TOWN OF AMHERST, AND SWEET BRIAR												
Inflation	1.02											
FISCAL YEAR	TONNAGE	OPTION 3C - DIRECT HAUL TO REGION 2000					OPTION 3D - DIRECT HAUL TO CONCORD TURNPIKE					
		DIFFERENTIAL HAUL	DISPOSAL	LOAN PAYBACK	POST CLOSURE CARE COSTS	TOTAL	DIFFERENTIAL HAUL	DISPOSAL	LOAN PAYBACK	POST CLOSURE CARE COSTS	TOTAL	
2019	7,889	\$187,036	\$490,044	\$321,947	\$86,700	\$1,085,727	\$120,659	\$669,625	\$321,947	\$86,700	\$1,198,931	
2020	7,889	\$190,777	\$499,845	\$321,178	\$88,434	\$1,100,234	\$123,072	\$683,018	\$321,178	\$88,434	\$1,215,702	
2021	7,889	\$194,592	\$509,842	\$321,267	\$90,203	\$1,115,904	\$125,534	\$696,678	\$321,267	\$90,203	\$1,233,681	
2022	7,889	\$198,484	\$520,039	\$321,201	\$92,007	\$1,131,730	\$128,044	\$710,611	\$321,201	\$92,007	\$1,251,863	
2023	7,889	\$202,454	\$530,439	\$320,982	\$93,847	\$1,147,722	\$130,605	\$724,824	\$320,982	\$93,847	\$1,270,258	
2024	7,889	\$206,503	\$541,048	\$321,596	\$95,724	\$1,164,871	\$133,217	\$739,320	\$321,596	\$95,724	\$1,289,857	
2025	7,889	\$210,633	\$551,869	\$321,042	\$97,638	\$1,181,182	\$135,882	\$754,107	\$321,042	\$97,638	\$1,308,668	
2026	7,889	\$214,846	\$562,907	\$321,322	\$99,591	\$1,198,665	\$138,599	\$769,189	\$321,322	\$99,591	\$1,328,701	
2027	7,889	\$219,142	\$574,165	\$321,421	\$101,583	\$1,216,311	\$141,371	\$784,572	\$321,421	\$101,583	\$1,348,948	
2028	7,889	\$223,525	\$585,648	\$321,341	\$103,615	\$1,234,129	\$144,199	\$800,264	\$321,341	\$103,615	\$1,369,418	
2029	7,889	\$227,996	\$597,361	\$321,080	\$105,687	\$1,252,124	\$147,083	\$816,269	\$321,080	\$105,687	\$1,390,119	
2030	7,889	\$232,556	\$609,308	\$321,628	\$107,801	\$1,271,292	\$150,024	\$832,595	\$321,628	\$107,801	\$1,412,047	
2031	7,889	\$237,207	\$621,494	\$321,969	\$109,957	\$1,290,627	\$153,025	\$849,246	\$321,969	\$109,957	\$1,434,197	
2032	7,889	\$241,951	\$633,924	\$321,118	\$112,156	\$1,309,149	\$156,085	\$866,231	\$321,118	\$112,156	\$1,455,590	
2033	7,889	\$246,790	\$646,603	\$321,073	\$114,399	\$1,328,864	\$159,207	\$883,556	\$321,073	\$114,399	\$1,478,235	
2034	7,889	\$251,726	\$659,535		\$116,687	\$1,027,947	\$162,391	\$901,227		\$116,687	\$1,180,305	
2035	7,889	\$256,760	\$672,725		\$119,021	\$1,048,506	\$165,639	\$919,252		\$119,021	\$1,203,911	
2036	7,889	\$261,896	\$686,180		\$121,401	\$1,069,476	\$168,952	\$937,637		\$121,401	\$1,227,989	
2037	7,889	\$267,133	\$699,904		\$123,829	\$1,090,866	\$172,331	\$956,389		\$123,829	\$1,252,549	
TOTAL	149,891	\$4,272,007	\$11,192,879	\$4,820,165	\$1,980,276	\$22,265,327	\$2,755,919	\$15,294,609	\$4,820,165	\$1,980,276	\$24,850,969	
NOTES:												
1. Differential haul and disposal costs taken from Table 1. See note on use of differential haul costs in Table 1.												
2. Assumes that loan used for landfill closure and convenience center construction.												
3. Differential haul costs are exclusive of operational costs associated with convenience centers, e.g. attendants, utilities etc.												
4. Differential haul costs are exclusive of any operational costs at landfill that would remain, e.g. wood waste management.												



TABLE 3 (Revision 1)

**OPTION 3 - DIRECT HAUL FROM CONVENIENCE CENTERS TO HANDLING FACILITY  
COMPARISON WITH OTHER OPTIONS - AVERAGE ESTIMATED ANNUAL COST**

Option 1 and Option 2 information taken from DAA 5/15/19 report (Page 2).

Options 3A through 3D taken from Tables 1A/2A and 1B/2B

Number of years in evaluation

19

OPTION	ANNUAL TONNAGE HANDLED BY SYSTEM	TOTAL ESTIMATED COST FY 2019 - FY 2037	AVERAGE ESTIMATED ANNUAL COST	COST PER TOTAL TON	GREEN BOX COLLECTION AND RECYCLING AVERAGE ANNUAL COST FY 2019 - FY 2037	TOTAL SOLID WASTE COSTS	COST PER TOTAL TON
<b>Existing landfill operation - FY 2019 budget INCLUDING debt service</b>	<b>24,600</b>	<b>LANDFILL FY 2019</b>	<b>\$1,387,445</b>	<b>\$56</b>	<b>\$658,489</b>	<b>\$2,045,934</b>	<b>\$83</b>
Option 1 - Continue landfill operations - Construction of Cell 2 - Original report	24,600	\$45,199,300	\$2,378,911	\$97	\$791,600	\$3,170,511	\$129
Option 2A - Construct transfer station at landfill and transfer to Region 2000 - Original report	24,600	\$44,111,100	\$2,321,637	\$94	\$791,600	\$3,113,237	\$127
Option 2B - Construct transfer station at landfill and transfer to WMX - Amelia landfill - Original report	24,600	\$40,563,700	\$2,134,932	\$87	\$791,600	\$2,926,532	\$119
Option 3A - Direct haul from convenience centers to Region 2000 - disposal cost for convenience center tonnage only (Table 2A)	7,889	\$18,325,000	\$964,474	\$122	\$791,600	\$1,756,074	\$223
Option 3B - Direct haul from convenience centers to Concord TS - disposal cost for convenience center tonnage only (Table 2A)	7,889	\$19,467,000	\$1,024,579	\$130	\$791,600	\$1,816,179	\$230
Option 3C - Direct haul from convenience centers to Region 2000 - disposal cost convenience center, curbside Madison Heights, Town of Amherst and Sweet Briar (Table 2B)	12,175	\$22,265,000	\$1,171,842	\$96	\$791,600	\$1,963,442	\$161
Option 3D - Direct haul from convenience centers to Concord TS - disposal costs for convenience center, curbside Madison Heights, Town of Amherst and Sweet Briar (Table 2B)	12,175	\$24,851,000	\$1,307,947	\$107	\$791,600	\$2,099,547	\$172

## NOTES:

- Greenbox container (42050) and Recycling (42030) added as separate column.
- Options 3A through 3D include only differential haul costs from convenience centers.
- Differential haul costs from convenience centers used because Options 1 and 2 did not include any hauling costs from convenience centers.
- All Options include loan payback although loan money used for different activities depending on option.
- All Options include post closure care of landfill although variable with option.

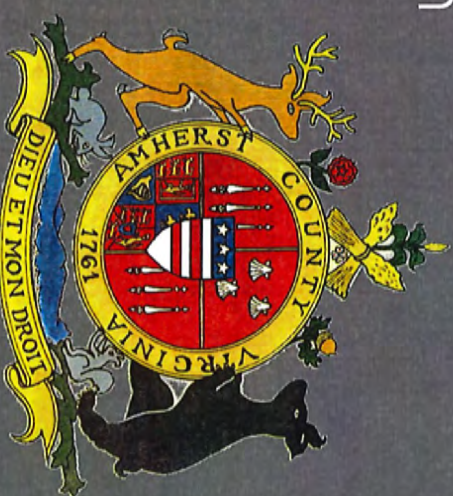


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# Amherst County Solid Waste Program

Transfer Station Site Options and  
Disposal Option Evaluation  
(Continued)

March 5, 2019





# Agenda

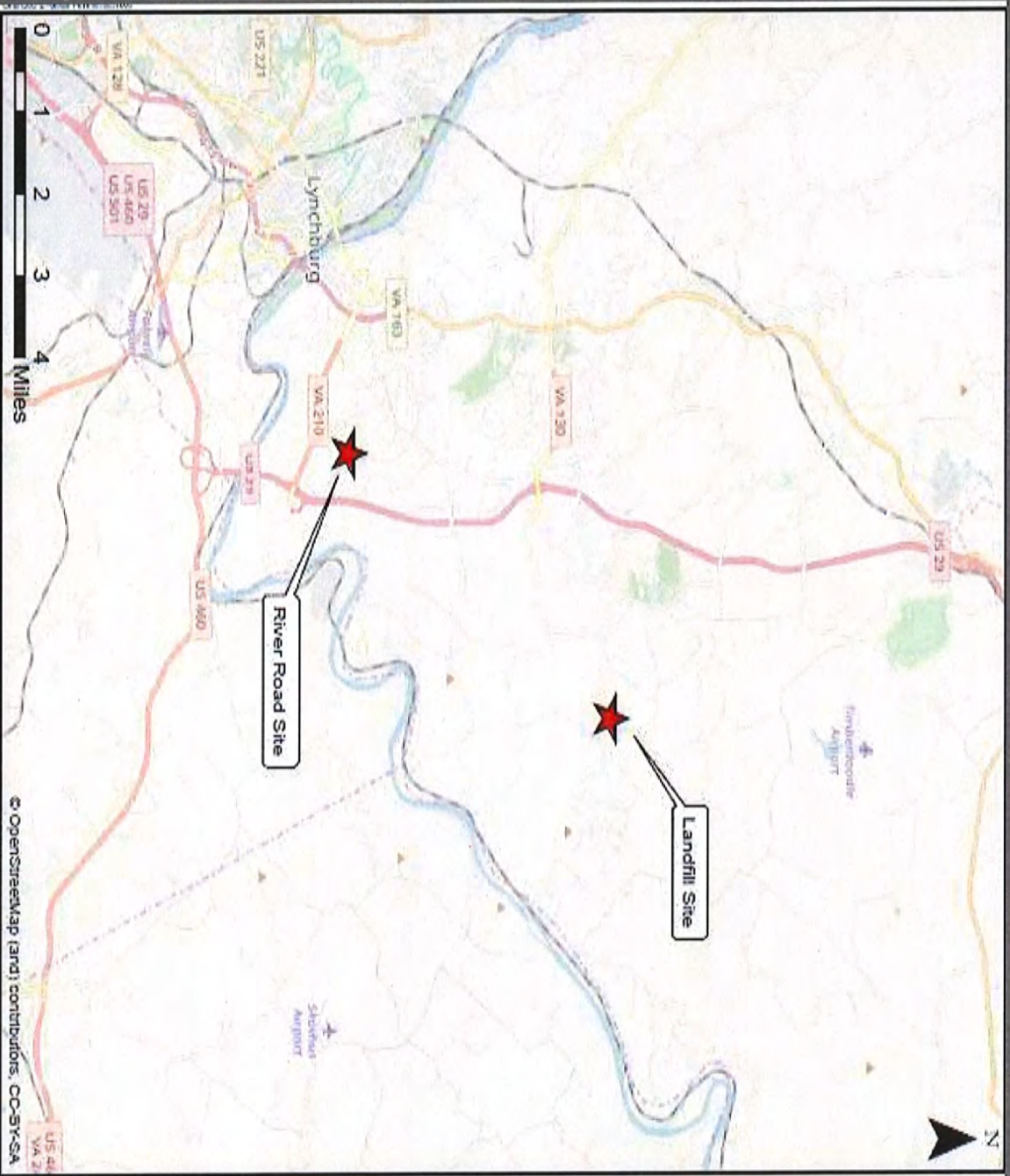
- Introduction
- Transfer Station Site Options
- Continued Discussion of Disposal Options and Direct Haul



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# Transfer Station Options





# Landfill Site

# ADVANTAGE

- Available land
- Existing infrastructure
- Able to support other operations

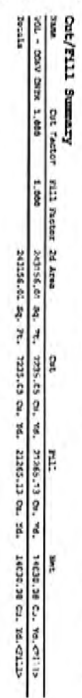
# DISADVANTAGE

- Distance to primary road



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• Northern Virginia  
• Virginia Beach, VA

REF: 1007-1-107	1.000
STATUS: FIN	BLD
DATE: 01/01/2011	LINE
BOAT: 12 * 30	
DATE:	
PRODUCT NUMBER:	
B05176-109	
CP-1B	



# Riverview Road Site

## ADVANTAGE

- Proximity to primary road

## DISADVANTAGE

- Previous usage as landfill
- Need for infrastructure
- Risk of encountering waste and additional costs
- Pipeline and other utilities
- Limited space









# Estimated Capital Costs

ITEM	OPTION 1 Existing Landfill (Cell 3/4 area)	OPTION 2 Riverview Road site West side
Building	\$820,000±	\$820,000±
Special foundation	Not required	\$300,000±
Landfill gas control system	Not required	\$30,000±
Compaction equipment	\$0	\$330,000±
Entrance improvements	\$100,000	\$120,000
Scales and scalehouse	Not required	\$250,000
Sitework	\$1,120,000	\$2,717,000
<b>Subtotal</b>	<b>\$2,040,000</b>	<b>\$4,567,000</b>
Engineering and permitting	\$200,000	\$300,000
<b>TOTAL</b>	<b>\$2,240,000</b>	<b>\$4,867,000</b>



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# Conclusion

- Capital costs for Riverview Road site exceed funding.
- Liability associated with construction on an old landfill creates the potential for increased costs and environmental issues as well as permitting challenges.
- Recommend elimination of this site from further consideration.



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# Option 3 – Direct Haul

## What is Direct Haul?

CATEGORY	TONNAGE 2017	%
County staffed convenience centers	4,665	15.8
County unstaffed convenience centers	3,224	10.9
County curbside – Madison Heights	3,255	11.0
County - Direct deliveries to landfill (Exclusive of yard waste)	2,136	7.2
Town of Amherst	931	3.2
VDOT	201	0.7
Private haulers	15,070	51.2
TOTAL	29,482	100.0



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# Elements of Direct Haul

- Considered hauling to either Region 2000 or proposed County Waste transfer station in Concord.
- Tipping fee at Region 2000 is market rate = \$40.25/ton
- Tipping fee at Concord Transfer Station quoted at \$55/ton.
- Additional haul distance from convenience centers to facilities.
- Costs considered increased haul costs, payback of bond, post closure and tipping fee.



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# Cost Comparison

OPTION	ANNUAL TONNAGE HANDLED BY SYSTEM	ESTIMATED DISPOSAL COST FY 2019 - FY 2037	TOTAL ANNUAL SOLID WASTE COSTS	COST PER TOTAL TON
<i>Existing landfill operation - FY 2019 budget INCLUDING debt service</i>				
Option 1 - Continue landfill operations - Construction of Cell 2 - Original report	24,600	LANDFILL FY 2019	\$2,045,934	\$83
Option 2A - Construct transfer station at landfill and transfer to Region 2000 - Original report	24,600	\$45,199,300	\$3,170,511	\$129
Option 2B - Construct transfer station at landfill and transfer to WMX - Amelia landfill - Original report	24,600	\$44,111,100	\$3,113,237	\$127
Option 3A - Direct haul from convenience centers to Region 2000 - disposal cost for convenience center tonnage only (Table 2A)	24,600	\$40,563,700	\$2,926,532	\$119
Option 3B - Direct haul from convenience centers to Concord TS - disposal cost for convenience center tonnage only (Table 2A)	7,889	\$18,325,000	\$1,756,074	\$223
Option 3C - Direct haul from convenience centers to Region 2000 - disposal cost convenience center, curbside Madison Heights, Town of Amherst and Sweet Briar (Table 2B)	7,889	\$19,467,000	\$1,816,179	\$230
Option 3D - Direct haul from convenience centers to Concord TS - disposal costs for convenience center, curbside Madison Heights, Town of Amherst and Sweet Briar (Table 2B)	12,175	\$22,265,000	\$1,963,442	\$161
Option 3E - Direct haul from convenience centers to Concord TS - disposal costs for convenience center, curbside Madison Heights, Town of Amherst and Sweet Briar (Table 2B)	12,175	\$24,851,000	\$2,099,547	\$172



# Conclusion – Direct Haul

- Option 3 considers a very different philosophy relative to the management of waste generated in the County.
- Direct haul reduces level of services to citizens.



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# Conclusion - Transfer

Transfer station:

- Maintains current level of services;
- Is most efficient cost/ton;
- Provides multiple lowest bidder contracting options;
- Avoids unlimited liability;
- Provides indoor/contained operations without weather challenges;
- Fewer manpower challenges; and
- Low threat regulatory environment.



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Presented by:  
Lynn Klappich, Program Manager  
March 5, 2019



**Draper Aden Associates**  
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## Projects Status Report

<b>Project Name</b>	<b>Next Milestone</b>	<b>Current Status</b>
Tornado Response	Support by Long Term Recovery Group (LTRG) to disaster families	ADRG has received 30 applications for assistance. 8 have been closed as completed. 2 homes are being reconstructed for those w/o insurance. Planning publicity for 15 Apr anniversary.
Dodds Store Convenience Center	Complete construction 6 months from notice to proceed.	Contractor given notice to proceed on 14 March. Substantial completion required by 10 Sep.
Old Town Madison Heights	Begin construction rehab work.	5 homes receiving rehab. Continuing to sign homeowners up for house rehabs. Construction likely to begin in April. Sewer line camera work 75% complete. 30-day extension due to weather. Portions of line must be replaced before lining occurs.
Central Virginia Training Ctr	Funding for demolition and redevelopment plan from General Assembly.	DBHDS received PPEA offer on 5-bldg lower campus from Horizon Behavioral Health. Alliance/LGC seeking Gen Assmby funding for demolition and redevelopment plan. DBHDS seeking cert of satisfactory remediation in 2020. Alliance and LGC pursuing funding match for GO Virginia grant to produce redevelopment plan.
Landfill & Transfer Station	Construct transfer station. Close landfill.	DAA is tasked with design of transfer station. H&P is tasked with developing costs for additional convenience centers.
Winton Property	1yr to apply for PUD zoning 1yr to convey conserv easmnt Then 6mo to convey fairgrnd	The sale closed 7 Feb 19. Waukeshaw moving through PUD approval process.
Broadband	Begin mounting equipment on towers	FCC licensing is still causing delay. Ready to install w/in 2wks but still need FCC approval. Now plan to do 2 towers at a time to speed up whole process. You may direct constituents to SCS Broadband for updates regarding their specific address at (434) 263-6363.
<b>BUSINESS FRIENDLINESS</b>	<b>INITIATIVES</b>	
Tax structure, fees, and incentives	Propose ordinance changes by September 2019	At 27 Nov workshop, BoS directed staff to end Merchant's Capital Tax, replace it with additions to BPOL tax and adjust depreciation rates to make revenue neutral changes that are friendly to all businesses. Staff drafting ordinance changes.
Website review	"Doing Business" in AC page	EDA "how to start a business" web page has been designed by Blair Marketing and completed EDA review w/ approval to launch.

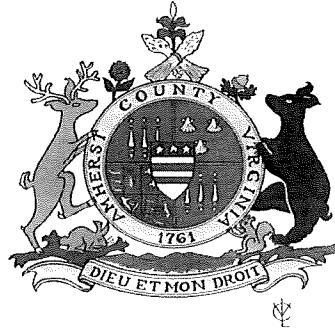
## AGENDA ITEM

		Loading of page is underway.
Startup Kits	Kits created & published	EDA has compiled worksheets to load onto website when new web page design in place.



**Board of Supervisors**

L. J. Ayers III, Chair  
District 3  
Kenneth M. Campbell, Vice-Chair  
District 1  
David W. Pugh, Jr., Supervisor  
District 4  
Jennifer R. Moore, Supervisor  
District 5  
Claudia D. Tucker, Supervisor  
District 2



**County Administrator**  
Dean C. Rodgers

**County Attorney**  
Michael W. S. Lockaby

**AMHERST COUNTY BOARD OF SUPERVISORS**



**MINUTES**

**May 21, 2019**  
Board of Supervisors  
Administration Building - 153 Washington Street - Public Meeting Room  
Amherst, Virginia 24521  
Meeting Convened – 7:00 p.m.

**I. Call to Order**

**II. Approval of Agenda**

**III. Invocation and Pledge of Allegiance**

**IV. Citizen Comment**

**V. Public Hearing**

A. Ordinance 2019-0002, amending § sections 1402.02, 1402.03, 1402.04 and 1402.06 of Article XIV of Appendix A - Zonings and Subdivisions to the Code of the County of Amherst to address changes to the Board of Zoning Appeals.

B. 2019-131 – Winton Farm LLC – Special Exception Request

**VI. Consent Agenda**

A. Minutes – April 16, 2019  
B. Amherst County Schools Supplemental Appropriation for the 2018-19 Fiscal year  
C. Appropriation – Commonwealth Attorney

**VII. Special Presentation**

A. Census Bureau 2020 - Presentation

**VIII. New Business**

A. New Position Request – Commonwealth Attorney

B. New Transfer Station

**IX. County Administrator's Report**

- A. July 2<sup>nd</sup> BOS Meeting
- B. Administrator Podcasts
- C. Projects Status Report

**X. County Attorney's Report**

**XI. Liaison and Committee Reports**

- A. Lynchburg Regional Business Alliance, Exec. Bd. May 10, 2019

**XII. Citizen Comment**

**XIII. Matters from Members of the Board of Supervisors**

**XVI. Adjournment**

**MINUTES**

At a Regular Meeting of the Amherst County Board of Supervisors and held at the Amherst County Administration building, Amherst, Virginia, thereof on Tuesday, the 21<sup>st</sup> day of May, 2019, at 7:00 p.m., the following members were present:

**BOARD OF SUPERVISORS:**

**PRESENT:** L. J. Ayers III, Chairman  
Kenneth M. Campbell, Vice-Chair  
David W. Pugh, Jr., Supervisor  
Jennifer R. Moore, Supervisor  
Claudia D. Tucker, Supervisor

**ABSENT:** None

**STAFF PRESENT:** County Administrator Dean C. Rodgers  
Deputy County Administrator David R. Proffitt  
County Attorney Michael W. S. Lockaby  
EA Clerk to Board Regina M. Rice  
Community Development Director Jeremy Bryant  
Commonwealth Attorney Lyle Carver

**I. Call to Order**

Chairman Ayers called the meeting to order at 7:01 p.m.

**II. Approval of Agenda**

By motion of Supervisor Pugh and with the following vote, the Board approved the Agenda for May 21, 2019.

**AYE:** Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
**NAY:** None  
**ABSENT:** None

**III. Invocation and Pledge of Allegiance**

Chairman Ayers led the Invocation and Pledge of Allegiance.

#### **IV. Citizen Comment**

There was no public comment.

#### **V. Public Hearing**

A. Ordinance No. 2019-0002, amending § sections 1402.02, 1402.03, 1402.04 and 1402.06 of Article XIV of Appendix A - Zonings and Subdivisions to the Code of the County of Amherst to address changes to the Board of Zoning Appeals.

Community Development Director Jeremy Bryant presented Ordinance 2019-0002 which included modifications to comply with State Code. He advised that the Planning Commission held a public hearing on April 18, 2019 and recommended approval.

The Public Hearing was opened.

Proponents: None

Opponents: None

The Public Hearing was closed.

By motion of Supervisor Tucker and with the following vote, the Board adopted Ordinance 2019-0002.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker

NAY: None

ABSENT: None

#### **B. 2019-131 – Winton Farm LLC – Special Exception Request**

Community Development Director Jeremy Bryant reported on a special exception request by Winton Farm LLC at 559 Patrick Henry Highway to designate 286 acres as a Planned Unit Development (PUD) in the A-1 Residential District.

Mr. Bryant explained that the PUD designates land use into certain areas such as retail/business expansion, future age restricted/residential, and golf/open agricultural. On April 18, 2019, the Planning Commission recommended approval of the request with the following conditions:

1. Exterior Lighting. All exterior lighting should be installed to prevent glare on adjacent properties and streets. (Comprehensive Plan, page 155)
2. Water and Sewage Disposal. All future uses and future buildings shall meet the regulations of the Virginia Department of Health prior to the issuance of a zoning permit.
3. Transportation. The applicant should meet all applicable regulations in accordance with the Virginia Department of Transportation. (Comprehensive Plan, page 86)
4. Trash Disposal. If a dumpster is located on the parcel(s) it shall be screened from view from all residential districts. The dumpster should be screened with solid wood fence or solid material that is opaque. (Zoning Ordinance, Sec. 1601)
5. Sign. If a sign is erected, it should meet the requirements of the Amherst County Zoning Ordinance. (Comprehensive Plan, page 122)
6. Zoning Ordinance. Requirements of Section 911 will be met.
7. Site Plan Approval. The owner shall seek site plan approval from the Planning Commission prior to issuance of a zoning permit.
8. Removal of Uses. The following uses are excluded from future zoning approval: Automobile service station, marinas, docks and boating facilities of a commercial or



club type, churches, manses, parish houses, schools, day care centers, indoor theater, library, emergency services, time-share projects.

Mr. Bryant explained item 8. addressed those uses which were removed by the Planning Commission based on concerns from citizens living near the area.

The Public Hearing was opened.

Proponents: None

Opponents: None

The Public Hearing was closed.

By motion of Supervisor Tucker and with the following vote, the Board approved special exception request 2019-131 with the conditions recommended by the Planning Commission on April 18, 2019.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker

NAY: None

ABSENT: None

**VI. Consent Agenda**

A. Minutes - April 16, 2019

B. Amherst County Schools Supplemental Appropriation for the 2018-19 Fiscal Year

C. Appropriation – Commonwealth Attorney

By motion of Supervisor Tucker and with the following vote, the Board approved the Consent Agenda for May 21, 2019.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker

NAY: None

ABSENT: None

**VII. Special Presentation**

A. Census Bureau 2020 - Presentation

Ms. Kathleen O'Connell, of the U.S. Census Bureau, presented information regarding the upcoming 2020 census population count. She explained how citizens are counted and the process of how the questionnaire can be completed online, via telephone or by paper.

Ms. O'Connell advised census takers will visit homes of citizens who are hard to reach and non-responsive citizens. She emphasized the importance of an accurate count as it does affect funding received by the Commonwealth and the community. She reminded everyone that Census day is April 1, 2020.

**VIII. New Business**

A. New Position Request – Commonwealth Attorney

County Administrator Rodgers explained that the General Assembly mandated an additional Assistant Commonwealth Attorney position be created to specifically review body camera film. He reported the Commonwealth Attorney's office currently has \$16,000 in reoccurring funds to use this year to supplement this position. An additional appropriation of \$60,502 is necessary

to fully fund the position. He advised that money could be taken from the unobligated general fund for FY 2020 to full fund the position.

Supervisor Pugh said he understood this was a state mandate, however, was opposed to funding another reoccurring expense. He did not like the manner in which it was mandated and requested the Board send a communication to the local delegates expressing the Board's displeasure.

Supervisor Tucker agreed with Supervisor Pugh regarding unfunded mandates. She said she understood the legislature requires that body camera films be reviewed, however, requested the Board send a "strong letter" to the local delegates addressing this issue.

Chairman Ayers said once again the burden is on the taxpayers and agreed with Supervisors Tucker and Pugh.

Commonwealth Attorney Lyle Carver agreed and said he would advocate in the future that this position be state funded.

Supervisor Tucker said this mandate was included in an appropriation bill and that our local delegation had a responsibility to give us a "heads up" regarding the unfunded mandate.

By motion of Supervisor Tucker and with the following vote, the Board appropriated \$60,520 for the additional Assistant Commonwealth's Attorney in FY 2020 from the unobligated General Fund balance.

AYE:	Mr. Ayers, Mr. Campbell, Ms. Moore and Ms. Tucker
NAY:	Mr. Pugh
ABSENT:	None

The Board directed the County Administrator and County Attorney to draft a letter to the County's local delegation expressing the sentiments of the Board.

**B. New Transfer Station**

Deputy County Administrator David Proffitt presented information regarding the new transfer station. He advised that Draper Aden Associates is developing concept plans that would be used in the procurement process. By using that process, the County would not need to use the Building Committee, however, would engage a project manager service.

Mr. Proffitt advised that past experience utilizing the Building Committee would add significant time to the project and recommended that the Board not assign this project to the Building Committee. A tentative proposed timeline was provided to the Board. **(See Attachment A)**

Chairman Ayers said the County needs to move forward with the project and follow the PPEA process.

Supervisors Tucker and Campbell said they would like to sit in on those meetings and felt there was not a need to use the Building Committee.

Supervisor Pugh asked that the County keep the permit on the landfill for future use, and that the location of the transfer station would allow, if needed, future use and accessibility of the landfill by the public and the County.

Mr. Rodgers reported that the transfer station would not be built where the next cell would be, which would give the County the most flexibility.

It was the Board's consensus not to reinstate the Building Committee on this project. Supervisors Tucker and Campbell offered to participate on the evaluation committee as needed.

**IX. County Administrator's Report**

A. July 2<sup>nd</sup> BOS Meeting

By motion of Supervisor Pugh and with the following vote, the Board cancelled the July 2, 2019 Board of Supervisors meeting.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

B. Administrator Podcasts

County Administrator Rodgers advised he has begun producing a podcast that will provide information to the public of the Board's actions as well as information on other topics and upcoming events. He advised podcasts will be available on the County's Facebook page and website.

C. Projects Status Report

**X. County Attorney's Report**

County Attorney Michael Lockaby provided the Board an update of items that he is currently working on:

- Finalizing documentation with telecommunications grant.
- Updating the trash ordinance with Mr. Young, Deputy Meeks and Ms. Drumheller of the Commonwealth's Attorney office.
- Advised the Board would be required to take a FOIA training every two years, which he will give a presentation at the first or second meeting of the new year.
- A COIA webinar will be available on line at year's end and he will provide a link.
- Updating several ordinances that are based upon this year's state legislation.

**XI. Liaison and Committee Reports**

A. Lynchburg Regional Business Alliance, Exec. Bd. May 10, 2019

County Administrator Rodgers reported the Local Government Council has agreed to contribute from its reserves \$150,000 to be applied to the match for a GO Virginia match to fund a \$500,000 redevelopment study for the CVTC.



The Business Alliance will draft the application to GO Virginia asking for the \$500,000 and will know in September if the county will be awarded this grant.

**XII. Citizen Comment**

There was no public comment.

**XIII. Matters from Members of the Board of Supervisors**

Supervisor Tucker had no matter to discuss.  
Supervisor Moore had no matter to discuss.  
Supervisor Pugh had no matter to discuss.  
Vice-Chair Campbell had no matter to discuss.  
Chairman Ayers had no matter to discuss.

**XVI. Adjournment**

By motion of Vice-Chair Campbell and with the following vote, the Board adjourned at 8:09 p.m.

AYE: Mr. Ayers, Mr. Campbell, Mr. Pugh, Ms. Moore and Ms. Tucker  
NAY: None  
ABSENT: None

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L. J. Ayers III, Chairman  
Amherst County Board of Supervisors

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Dean C. Rodgers, Clerk

**AMHERST COUNTY**  
**SOLID WASTE TRANSFER STATION**  
**PROPOSED PPEA PROJECT TIMELINE**

Develop Scope & Advertise Project	45 days (June 1 – July 15, 2019)
Solicitation/Advertisement Period	45 days (July 15-Sept 1, 2019)
Interview/Proposal Evaluations	45 days (Sept 1- Oct 15, 2019)
Approval by County, Award of Project, Contracts	30 days (Oct 15 – Nov 15, 2019)
Design Development (35%)	60 days (Nov 15 – Jan 15, 2020)
Bid Plans & Specification Development	90 days (Jan 15- April 15, 2020)
Mobilize Contractor	45 days (April 15 – June 1, 2020)
Construction	270 – 365 Days

(Assuming no building committee)

## Projects Status Report

Project Name	Next Milestone	Current Status
Tornado Response	Support by Long Term Recovery Group (LTRG) to disaster families	ADRG has completed assistance to 14 of 30 applications for assistance. 2 homes are being reconstructed for those w/o insurance. May 26 was designated a Day of Giving by local churches for the ADRG. Donation totals still being received/calculated.
Dodds Store Convenience Center	Complete construction 6 months from notice to proceed.	Contractor given notice to proceed on 14 March. Substantial completion required by end of Sep.
Old Town Madison Heights	Begin construction rehab work.	3 homes receiving rehab (2 are demolish/rebuild). Sewer line work is now underway.
Central Virginia Training Ctr	Funding for demolition and redevelopment plan from General Assembly.	Alliance/LGC seeking Gen Assmby funding for demolition and redevelopment plan. DBHDS seeking cert of satisfactory remediation in 2020. Alliance applies in July for \$500K GO Virginia grant to produce redevelopment plan.
Landfill & Transfer Station	Construct transfer station. Close landfill.	Concept design of transfer station is complete. H&P has developed costs for additional convenience centers. Will use PPEA contracting process w/ Bill Gillespie as Proj Mgr. Negotiating TS entrance w/ VDOT.
Winton Property	1yr to convey conserv easmnt Then 6mo to convey fairgrnd	The sale closed 7 Feb 19. Waukeshaw obtained rezoning for its PUD. Commissioner of Revenue issued new tax assessment.
Broadband	Begin mounting equipment on towers	System planned to go live from High Peak on 24 June. You may direct constituents to SCS Broadband for updates regarding their specific address at (434) 263-6363. BBA to approve VATI grant agreement.
<b>BUSINESS FRIENDLINESS</b>	<b>INITIATIVES</b>	
Tax structure, fees, and incentives	Propose ordinance changes by September 2019	At 27 Nov workshop, BoS directed staff to end Merchant's Capital Tax, replace it with additions to BPOL tax and adjust depreciation rates to make revenue neutral changes that are friendly to all businesses. Staff needs Commissioner data to draft ordinance changes.
Website review	"Doing Business" in AC page	EDA "how to start a business" web page is live at <a href="https://amherstvabusiness.com/starting-businesses/">https://amherstvabusiness.com/starting-businesses/</a> . This is last report.



**AMHERST COUNTY**  
**PUBLIC PRIVATE EDUCATION ACT (PPEA) SOLICITATION**  
**SOLID WASTE TRANSFER STATION &**  
**CONVENIENCE CENTERS**  
**AMHERST, VIRGINIA**

Amherst County is soliciting PPEA proposals for the construction of a solid waste transfer station which will consist of an approximately 8,600 square foot metal operations building, grading for the building, the construction of approximately 1600 linear feet of roadway (24 feet wide) and associated linear access roads and parking areas for the trailers and operations equipment. In addition, the County is seeking proposals for the construction of two (2) solid waste convenience centers at separate sites within the county.

A pre-proposal meeting shall be held on July 23, 2019 at 10am in the conference room of the Amherst County Administration building located at 153 Washington Street, Amherst, Virginia 24521 at which additional details shall be provided regarding the proposed project as well as specific requirements for the PPEA submission process.

Proposals for the referenced project shall be received in the Office of the Amherst County Procurement Officer, located at 153 Washington Street, Amherst, Virginia, 24521 and to the attention of David Proffitt, until 2:00pm, local prevailing time, on August 23, 2019. "PPEA Proposals for Amherst County Solid Waste Transfer Station & Solid Waste Convenience Centers" shall be clearly written on the outside of the sealed envelope and/or other enclosure.

Proposals must be prepared and submitted with the required information and in the format as outlined in the Amherst County PPEA Guidelines. Requests for copies of the Performance Specifications and all questions related to the project shall be directed to C. William Gillespie Jr., MRG Consulting, LLC. Contact information -- 434/841/2671 or [cgillesusa@aol.com](mailto:cgillesusa@aol.com).

All contractors and design professionals submitting joint proposals for this project shall be appropriately licensed as such in the Commonwealth of Virginia.

# ***AMHERST COUNTY SOLID WASTE TRANSFER FACILITY & CONVENIENCE CENTERS***

## ***GENERAL PERFORMANCE SPECIFICATIONS for TRANSFER STATION***

1. Contractor shall be responsible for all construction related permits & fees including, but not limited to, building, VDOT, DEQ, or any other federal, state, or local permits or fees. These costs shall be included in proposal submittal.
2. All internal and external lighting shall be LED.
3. Normal operational hours for the landfill are Monday through Friday from 7:00am to 5:00pm and Saturday from 8:00am to 4:00pm. Closed on Sunday. Normal operations of the landfill during its operating hours shall not be impeded by the proposed construction.
4. A \$150,000 contingency shall be included in the project cost for use by the owner.
5. Burning on site is permitted, however it must be coordinated with the owner and comply with all state and local laws.
6. A conceptual building and site plan have been provided to the proposer for reference purposes. Options to these conceptual plans are requested by the owner:
  - Portable truck/trailer weighing scales at the building verses build in stationary weighing scales
  - Single trailer loading bay verses double (2) trailer loading bays
  - Cost effective methods of material compaction in the trailers as solid waste is being loaded
  - Configuration of operations floor for most efficient layout in loading trailers for both a single bay layout and a double bay layout
  - Most cost-effective method for leachate collection for the operations floor as well as the truck bay
  - The pros & cons of the conceptual leachate collection plan for the trailers verses a sealed-water tight trailer
7. Incurring Cost: Amherst County is not liable for any cost incurred by any offeror interested in submitting a proposal for this project.

8. The telephone system including handsets for the new transfer station shall be included in the project cost. Location of the telephones shall be determined by the owner. Telephone ports shall be installed as needed.
9. All grading and provision of building utilities shall be included in the project cost.
10. Performance and Payment bonds for 100% of the project cost shall be required as well as Builder's Risk, General Liability,
11. The new building shall be equipped with a fire alarm system.
12. All quality control tests/inspections for items such as the metal building, foundations, concrete, and roadway compaction shall be included in the project costs.
13. The interior walls above the concrete push walls shall be hardened to protect the insulation.
14. Six copies of the project proposal shall be submitted to Amherst County for their review. Proposals not submitted by the noted date and time will not be accepted. Proposals shall be evaluated based on the Amherst County PPEA guidelines adopted ????.
15. Proposals shall be evaluated as per the Amherst County Guidelines for PPEA Solicited PPEA projects which include in addition to other requirements:
  - Relevant background and experience of the individuals assigned to the project
  - Experience of the contractor with similar types of projects
  - Proposed schedule to complete the project
  - Project understanding
  - References provided for similar types of projects
16. It is the responsibility of each proposer to inquire about, and to clarify, all in the project that are not fully understood, and any issues not specified in this document, but which might impact service or cost.
17. Public Inspection of Submittals: All submittals become the property of Amherst County and will be available for public review. Therefore, confidential or proprietary information should be marked as such.
18. Proposal Binding: The contents of the submittal, in its entirety, submitted by the contractor shall become an attachment to and part of the agreement between the selected contractor and Amherst County. The solicited PPEA proposal shall become in total a part of the final contract. The County reserves the right to withhold payment to the contractor if any of the articles in this document are not upheld, until the situation is rectified.
19. Amherst County processes approximately ?? tons of solid waste per day.



## ***CONVENIENCE SITES***

20. Amherst County desires to construct two (2) convenient centers. One (1) at Boxwood Farm Road and the other at Coolwell.

21. Boxwood Farm Road shall consist of the following:

- Two (2) compactor units
- Three (3) recycle containers
- Three (3) bulk containers
- Attendant building with covered porch/deck area
- Stormwater quality pond
- Single phase power with phase converters
- Site lighting, fencing, landscape screening

22. Coolwell Center shall consist of:

- Installation of concrete pads around the site perimeter for five (5) additional bulk/recycle storage containers
- Upgrades to the attendant building with a covered porch/deck

## Projects Status Report

Project Name	Next Milestone	Current Status
Tornado Response	Support by Long Term Recovery Group (LTRG) to disaster families	ADRG has completed assistance to 14 of 30 applications for assistance. 2 homes are being reconstructed for those w/o insurance.
Dodds Store Convenience Center	Complete construction 6 months from notice to proceed.	Contractor given notice to proceed on 14 March. Substantial completion required by end of Sep.
Old Town Madison Heights	Begin construction rehab work.	3 homes receiving rehab (2 are demolish/rebuild). Sewer line work is now underway. Seeking more homes to renovate.
Central Virginia Training Ctr	Funding for demolition and redevelopment plan from General Assembly.	Alliance/LGC seeking Gen Assmby funding for demolition and redevelopment plan. DBHDS seeking cert of satisfactory remediation in 2020. Alliance applies in Oct for \$500K GO Virginia grant to produce redevelopment plan.
Landfill & Transfer Station	Construct transfer station. Close landfill.	Will use PPEA contracting process w/ Bill Gillespie as Proj Mgr. Proposals are due 23 Aug.
Winton Property	1yr to convey conserv easmnt Then 6mo to convey fairgrnd	The sale closed 7 Feb 19. Waukeshaw obtained rezoning for its PUD. Commissioner of Revenue issued new tax assessment.
Broadband	Begin mounting equipment on towers	High Peak tower is live; Buffalo tower being installed; completion by 30 Aug. You may direct constituents to SCS Broadband for updates regarding their specific address at (434) 263-6363.
Riveredge Park Trail	Construct Section 1: Bridge (Section 2: CVTC portion Section 3: Connect to Percival)	Applications for project funding hinges on Lee Family section of trail. Seeking Lee family input.
<b>BUSINESS FRIENDLINESS</b>	<b>INITIATIVES</b>	
Tax structure, fees, and incentives	Propose ordinance changes by September 2019	At 27 Nov workshop, BoS directed staff to end Merchant's Capital Tax, replace it with additions to BPOL tax and adjust depreciation rates to make revenue neutral changes that are friendly to all businesses. Staff needs Commissioner data to draft ordinance changes.

## Projects Status Report

<b>Project Name</b>	<b>Next Milestone</b>	<b>Current Status</b>
Tornado Response	Support by Long Term Recovery Group (LTRG) to disaster families	ADRG has completed assistance to 14 of 30 applications for assistance. 2 homes are being reconstructed for those w/o insurance.
Dodds Store Convenience Center	Complete construction 6 months from notice to proceed.	Contractor given notice to proceed on 14 March. Substantial completion expected by end of Sep.
Old Town Madison Heights	Begin construction rehab work.	3 homes receiving rehab (2 are demolish/rebuild). Sewer line work is now underway and should be finished at end of September. Seeking more homes to renovate.
Central Virginia Training Ctr	Funding for demolition and redevelopment plan from General Assembly.	Alliance/LGC seeking Gen Assmby funding for demolition and redevelopment plan. DBHDS seeking cert of satisfactory remediation in 2020. Alliance applies in Oct for \$500K GO Virginia grant to produce redevelopment plan.
Landfill & Transfer Station	Construct transfer station. Close landfill.	3 PPEA proposals received. Each will be presented for further eval on 25 Sep. Planning for closure of Boxwood Farm and Burley Hollow Road sites is underway.
Winton Property	1yr to convey conserv easmnt Then 6mo to convey fairgrnd	The sale closed 7 Feb 19. Negotiation of fairground sharing agrmt underway.
Broadband	Begin mounting equipment on towers	High Peak and Buffalo towers are live; Panther tower being installed; 4 towers yet to install. You may direct constituents to SCS Broadband for updates regarding their specific address at (434) 263-6363.
Riveredge Park Trail	Construct Section 1: Bridge (Section 2: CVTC portion Section 3: Connect to Percival)	Applications for project funding hinges on Lee Family section of trail. Seeking Lee family input.
Phelps Road School	Close sale – 1 Oct 19	WD engaged in asbestos abatement. County awaits their construction docs for approval. WD is ready to close sale.
<b>BUSINESS FRIENDLINESS</b>	<b>INITIATIVES</b>	
Tax structure, fees, and incentives	Propose ordinance changes by September 2019	At 27 Nov workshop, BoS directed staff to end Merchant's Capital Tax, replace it with additions to BPOL tax and adjust depreciation rates to make revenue neutral changes that are equitable to all businesses. Proposal to be presented at 19 Nov BoS meeting.





## AMHERST COUNTY BOARD OF SUPERVISORS



### Board of Supervisors

L. J. Ayers III, Supervisor  
District 3  
David W. Pugh, Jr., Supervisor  
District 4  
Jennifer R. Moore, Supervisor  
District 5  
Claudia D. Tucker, Supervisor  
District 2  
Tom Martin, Supervisor  
District 1

### MINUTES

**October 1, 2019**

Administration Building - 153 Washington Street -  
Public Meeting Room  
Amherst, Virginia 24521  
Meeting Convened - 1:00 PM

**County Administrator**  
Dean C. Rodgers

**County Attorney**  
Michael W. S. Lockaby

### I. Call to Order

At a Regular Meeting of the Amherst County Board of Supervisors of Amherst County, Virginia held on October 1, 2019, at 1:00 PM, the following members were present:

#### BOARD OF SUPERVISORS:

PRESENT: Jimmy Ayers, David Pugh Jr, ABSENT:  
Ken Campbell, Jennifer Claudia Tucker  
Moore

STAFF PRESENT: County Administrator Dean C. Rodgers; Deputy County  
Administrator David R. Proffitt; County Attorney Michael W. S.  
Lockaby; and EA Clerk to Board Regina M. Rice.

OTHERS PRESENT: None

Chairman Ayers called the meeting to order at 1:02 PM

### II. Approval of Agenda

By motion of Jennifer Moore, and with the following vote the Board approved the agenda.

AYE: Jimmy Ayers, David Pugh Jr, Ken Campbell, Jennifer Moore

NAY: None

ABSENT: Claudia Tucker

### III. Invocation and Pledge of Allegiance

Chairman Ayers led the Invocation and Pledge of Allegiance.

#### **IV. Citizen Comment**

There was no public comment.

#### **V. Consent Agenda**

Supervisor Pugh inquired about the Warehouse Fund and the transfer of \$40,000 back into the unobligated general fund.

Finance Director Stacey Wilkes explained the money in the Warehouse Fund is no longer needed and not a recurring expense, therefore, those funds would be added back into the unobligated general fund.

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- A. Minutes - September 3, 2019
- B. Finance - Erosion Escrow Fund
- C. Finance - Code Enforcement Funds

D. ACSO Revenue Appropriation

E. Warehouse Fund

Supervisor Pugh inquired about the Warehouse Fund and the transfer of \$40,000 back into the unobligated general fund.

Finance Director Stacey Wilkes explained the money in the Warehouse Fund is no longer needed and not a recurring expense, therefore, those funds would be added back into the unobligated general fund.

F. Resolution - Renaming the Central Virginia Metropolitan Planning Organization

G. Resolution - Adding Abee Manor Streets to VDOT's Secondary System of State Highways

H. Resolution - Celebrating Sixty Years of the Monelison Volunteer Fire Department

By motion of Ken Campbell, and with the following vote the Board approved the Consent Agenda for October 1, 2019.

AYE: Jimmy Ayers, Ken Campbell, David Pugh Jr, Jennifer Moore

NAY: None

ABSENT: Claudia Tucker



## **VI. County Administrator's Report**

County Administrator Rodgers provided a status report on the reassessment.

Supervisor Pugh inquired when the Board will receive an update on the actual numbers of the reassessment and if there was any change in the percentage.

Mr. Rodgers said he anticipated an overall 4% increase in the total but has not seen any definite numbers.

Deputy County Administrator Proffitt advised he has spoken with the assessors and said the number on average will depend on the hearings held in early 2020.

County Attorney Lockaby advised that the Board would be required to hold a public hearing if there is any change to the tax rate.

Mr. Rodgers said this will be part of the budget process and how much money to anticipate. He said that any tax rate change can be made before the budget is finalized

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**A. Reassessment Status Report**

County Administrator Rodgers provided a status report on the reassessment. Supervisor Pugh inquired when the Board will receive an update on the actual numbers of the reassessment and if there was any change in the percentage. Mr. Rodgers said he anticipated an overall 4% increase in the total but has not seen any definite numbers. Deputy County Administrator Proffitt advised he has spoken with the assessors and said the number on average will depend on the hearings held in early 2020. County Attorney Lockaby advised that the Board would be required to hold a public hearing if there is any change to the tax rate. Mr. Rodgers said this will be part of the budget process and how much money to anticipate. He said that any tax rate change can be made before the budget is finalized.

**VII. County Attorney's Report**

County Attorney Lockaby reminded all Board members to complete the Conflict of Interest on-line training module before December 31, 2019. Mr. Lockaby advised he will conduct a FOIA Training after January 1, which is a new state requirement for all elected officials. Mr. Lockaby said he plans to do an outline of the legal structure of the County and ACSA government and what the functions of the EDA are. This will be for the benefit of newly elected officials.

**VIII. Liaison and Committee Reports**

For Information Only.

**A. Central Virginia Planning District Commission Meeting, September 19, 2019**

For Information Only.

**B. Central Virginia Metropolitan Planning Organization, September 19, 2019**

For Information Only.

**IX. Citizen Comment**

There was no public comment.

**X. Matters from Members of the Board of Supervisors**

Supervisor Moore had no matter to discuss.

Vice-Chair Campbell provided Board members with a copy of the Transfer Station Construction Interview meeting held on September 25, 2019. (See Attachment 1)

Supervisor Pugh asked when a decision would be made selecting a contractor. Mr. Rodgers said that the procurement process is moving forward and advised there is sufficient money available for construction of the transfer station and convenience centers.

Chairman Ayers commented on the lighting at Coolwell Convenience Center and asked for increased lighting especially at the center of the facility.

## **XI. Closed Session**

- A. A closed session pursuant to Section 2.2-3711 subsection A.3, for the purpose of discussion or consideration of the acquisition of real property for a public purpose, or of the disposition of publicly held real property, where discussion in an open meeting would adversely affect the bargaining position or negotiating strategy of the County, relating to a tract in the Monroe area of the County.

Supervisor Moore moved that the Amherst County Board of Supervisors convene in closed session pursuant to Section 2.2-3711 subsection A.3, for the purpose of discussion or consideration of the acquisition of real property for a public purpose, or of the disposition of publicly held real property, where discussion in an open meeting would adversely affect the bargaining position or negotiating strategy of the County, relating to a tract in the Monroe area of the County.

AYE: Jimmy Ayers, Kenneth Campbell, David Pugh, Jennifer Moore

NAY: None

ABSENT: Claudia Tucker

Supervisor Moore motioned to come out of closed session and was approved with the following vote:

AYE: Jimmy Ayers, Kenneth Campbell, David Pugh, Jennifer Moore

NAY: None

ABSENT: Claudia Tucker vote:

## **XII. Certification of Closed Session**

### **CERTIFICATION OF CLOSED MEETING**

Supervisor Moore moved that the Amherst County Board of Supervisors certify by a recorded vote that, to the best of each Board member's knowledge, only public business matters lawfully exempted from the open meeting requirements of the Virginia Freedom of Information Act and identified in the motion authorizing the closed session were heard, discussed, or considered in the closed session.

AYE: Jimmy Ayers, Kenneth Campbell, David Pugh, Jennifer Moore

NAY: None

ABSENT: Claudia Tucker

## **XIII. Adjournment**

By motion of Ken Campbell and with the following vote, the Board adjourned at 2:03 p.m.

AYE: Jimmy Ayers, David Pugh Jr., Ken Campbell, Jennifer Moore

NAY: None

ABSENT: Claudia Tucker

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L.J. Ayers III, Chairman  
Amherst County Board of Supervisors

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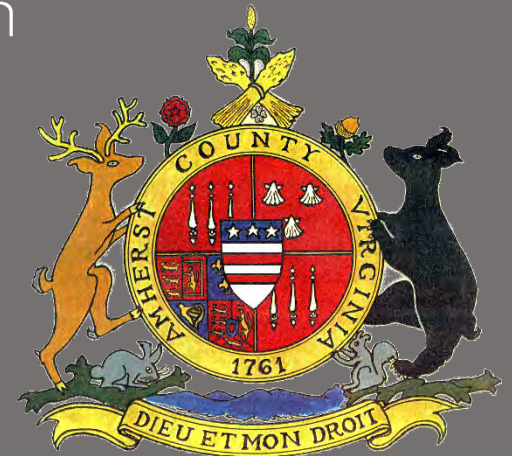
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Dean C. Rodgers, Clerk

# Amherst County Solid Waste Program

Transfer Station Site Options and  
Disposal Option Evaluation  
(Continued)

March 5, 2019



# Agenda

- Introduction
- Transfer Station Site Options
- Continued Discussion of Disposal Options and Direct Haul



# Transfer Station Options

