TOWN COUNCIL REGULAR WORK SESSION
Monday, August 5, 2024 @ 7:00 PM
Town Hall Conference Room

View meeting online LIVE at https://www.frontroyalva.com/673/Town-Hall-Live

7:00pm 1. Roll Call

2. Solid Waste Rates & Ordinance Revisions – *BJ Wilson/MSW Consultants*

8:00pm 3. New Business

A. Wastewater Treatment Plant SCADA Visualization System Upgrade – *Michelle Campbell*
B. Purchase of Two Dump Truck Chassis for Public Works - *Michelle Campbell*
C. Curb & Gutter Removal and Installation Services– *Michelle Campbell*
D. Resolution Requesting Additional Healthcare Providers – *Mayor Cockrell*

8:15pm 4. Old Business

A. Town Council Goals Update – *Joe Waltz*
B. Town Project Update – *Joe Waltz*

8:30pm 5. Closed Meeting

6. Adjourn

COUNCIL REGULAR WORK SESSION
AGENDA STATEMENT

Meeting Date: August 5, 2025 Item# 02

Agenda Item: Solid Waste Rates & Ordinance Revisions

Summary: MSW Consultants will provide Town Council with updated information regarding the Town's Solid Waste Cost of Service Study including impacts resulting from the County of Warren's Municipal/Residential Solid Waste tipping fee implemented July 1, 2024 and recommendations for solid waste rates for the Main Street area.

Below is a brief history of some key events that have transpired since January 2024 related to the Town's Solid Waste Services.

January 8th, 2024 - Town Council Work Session- Council was provided with a presentation from MSW Consultant regarding recommended increases in solid waste rates.

March 11, 2024 – Town Council Work Session - Council was provided with information regarding solid waste private collection services/rates and discussed challenges regarding Main Street solid waste billing/collection.

April 19, 2024 – Posted public notice on Town's website and on social media, as well as physically mailed letters to property owners and utility account holders regarding Public Input Meetings to be held on May 15, 2024 for Main Street Solid Waste collection/billing rates. Public Notices were reposted online leading up to meetings.

May 15, 2024 Public Input Meetings – The Town, with assistance from MSW Consultants, held two public input meetings to inform and discuss challenges concerning garbage collection and billing rate issues with stakeholders concerning collection of solid waste on East Main Street and a portion of Chester Street.

June 25, 2024 County of Warren Board of Supervisors Special Meeting – The Board of Supervisors held a public hearing and approved adding a tipping fee for Municipal/Residential Solid Waste of $40.00 per ton.

Budget/Funding: 4203-3160802 Solid Waste Sales of Services

Staff Recommendation: **Staff recommends for Council to discuss any questions or concerns and approving ordinance revisions as presented.**

Solid Waste Utility
Cost of Service Rate Study Update

PRESENTATION TO TOWN COUNCIL

FRONT ROYAL, VA

AUGUST 5, 2024

MSW CONSULTANTS

Project Summary

- Information Request & Data Review
- Kick-off Meeting
- Contract Review
- Benchmarking
- Market Research
- Baseline Cost of Service Analysis
- Rate Design
- Privatization Discussion
- Presentation to Council January 8
- Developed Main Street Revenue Concepts
- Held Main Street Stakeholder Meetings

Warren County Policy Change

- Town staff learned in late June that the County was going to implement $40/ton MSW tip fee effective July 1, 2024
  - Commercial tip fee also increasing from $69/ton to $79/ton
- Remaining slides reference dollars as BEFORE and AFTER the tip fee policy change
  - BEFORE was completed based on FY2024 budget
  - AFTER has been updated to incorporate the FY2025 Adopted budget

Collection Services

4



Residential Refuse Collection

Large Item Collection





Recycling Collection



Main Street Collection

Commercial Collection



Test Year Revenue Sufficiency

Revenue Need		Surplus (Deficit)	
Before	After	Before	After
$1,406,084	$1,666,143	(36%)	(62%)

Residential Collection Represents 80% of the System Full Cost

Current Revenue Generation $1,030,316

Recommended Rate Path - Residential

Monthly Rates

Residential Service	Current	Before	After
1x/wk Refuse 96-Gal, Recycling Bin, and Yard Waste	$14.10	$18.45	$22.05
1x/wk Refuse 32-Gal, Recycling Bin, and Yard Waste	$12.00	$15.80	$19.60
Entry onto Private Property Collection [Additional Cost]	$5.00	$23.50	$23.50

Percent Change

Residential Service	Current	Before	After
1x/wk Refuse 96-Gal, Recycling Bin, and Yard Waste	N/A	30.9%	56.4%
1x/wk Refuse 32-Gal, Recycling Bin, and Yard Waste	N/A	31.7%	63.3%
Entry onto Private Property Collection [Additional Cost]	N/A	370.0%	370.0%

Also recommend annual CPI adjustments after initial increase.

Residential Service Cost Components

Service	Cost per HH per Month	
	Full Cost BEFORE*	Full Cost AFTER**
Refuse 96-Gal	$10.64	$14.60
Refuse 32-Gal	$10.64	$12.16
Recycling	$4.11	$4.04
Yard Waste	$1.00	$0.96
Drop-Off (metal & YW/Brush)	$2.45	$2.44

*2024 Budget
**2025 Budget

Drop-off Rate Consideration

Pre-Paid Loads	Number	Rate	Revenue
Yard Waste $25	111	$25	$2,775
Yard Waste $50	87	$50	$4,350
Freon/White goods $15	6	$15	$90
Total	204		$7,215

"No Charge" Uses 2023	Number	Percent	Net Cost	Cost per Use
Town	3,323	63%	$98,373	$29.60
County	*1,960*	*37%*	*$58,023*	*$29.60*
Total No Charge Entries	**5,283**		**$156,397**	**$29.60**

Total Drop-off Cost is Currently Spread Across All Front Royal Residential Users at $2.44/month

Rate Path – Commercial Dumpsters

Commercial Service	Current Rate	Recommended Rate BEFORE	Recommended Rate AFTER
Disposal Tip Fee (per Month per Account)	$58.00	*	*
8 CY 1x/wk (per Month)	$215.00	$255.00	$275.00
8 CY 2x/wk (per Month)	$300.00	$510.00	$550.00

*Disposal cost is incorporated into monthly rates

Recommend annual CPI adjustments after initial increase

Main Street Tasks Since January Presentation

- Reviewed county assessor's and Town utility billing information
- In collaboration with Town staff:
  - Prepared presentation
  - Held Stakeholder Meetings
  - Debriefed with Town staff
- Drafted code update and recommended rates

Main Street Recommendation

Customer Category	Definition	Proposed Rate per Month
Residential	Residential Living Unit	$22.05
Class I	Small Business	$46
Class II	Medium Business/Small Food Service	$120
Class III	Large Business/Restaurant	$425
Exception	Businesses not falling into any of the above categories, either unique in the downtown area, accounts with unusual circumstance such as master metering for several business units, paying for dedicated service from premise, etc.	TBD by Public Works Director or Designee

Privatization Consideration

IT IS IMPORTANT TO UNDERSTAND THE REASONS FOR PRIVATIZING…AND ALSO TO REALIZE WHEN IT MAY NOT BE A GOOD IDEA TO PRIVATIZE

Comparing Public vs. Private Providers

- Both hire from the same labor market
- Both purchase trucks from the same equipment vendors
- Both require skilled, heavy-duty vehicle maintenance support
- Both typically dispose and recycle at the same local and regional facilities*
- Private sector has profit margin & additional federal taxes on capital purchases
- **There is no inherent reason a private sector operator can or will perform same services for a lower cost than public sector providers**

* Assumes the Town would dictate the disposal location in a contract or franchise

Exceptions

- Institutional Barriers
  - Inability to pay market wages (wage/benefit flexibility) to recruit and retain qualified drivers, crew, mechanics
  - Incompatible fleet maintenance practices/abilities
  - Insufficient (typically non-dedicated) funding for routine vehicle replacement
  - Intractable work rules or union contracts that differ from non-union practices
- Market Competitiveness
  - Insufficient scale to fully utilize trucks and crews efficiently at a full-time workload

Private Rates in Regional Benchmarking

	Front Royal	WM (New Market, Strasburg, Stephens City & Woodstock)*
Refuse Collection Provided	Yes	Yes
Recycling Collection Provided	Yes	No
Yard Waste Collection Provided	Yes	No
Current Rate	$14.10 (all services)	$17.20 (refuse only)
Full Cost of Refuse Collection (96-Gal)	$14.60	$15.31/HH + $43.20/Ton Disposal
Full Cost of Recycling Collection	$4.04	Not in Contract
Full Cost of Yard Waste Collection	$.96	Not in Contract
Full Cost of Bulky Collection	Included in Refuse	3 weeks/Yr Included
*Full Cost Residential Services***	*$19.60*	

**Confirmed 7/25/24 Front Royal is outside of WM's current service areas covering the Cooperative contract*
***$22.04 Including Drop-off*

Privatizing in Front Royal

- Collection operations efficiency vs. industry standards
  - Refuse – average <500 HH/Route per Day
  - Recycling – average ~1,100 HH/Route per Day
    - avg. 2.3 lbs/HH/week indicates low setout rate
- Town does not have many staffing vacancies since pay increases were adopted 1-2 years ago
- Vehicles are in good condition and Town is able to maintain vehicles beyond industry-standard useful life
- Businesses are served as tuck-ins on regular routes, accommodating smaller-scale system

Summary

Summary of Update

- Incorporated in cost of service model:
  - Warren County Landfill tip fees
  - FY2025 Adopted Budget
- Confirmed staffing solid waste operations continues to be manageable
- Vetted Main Street revenue options and conducted outreach to stakeholders
- Evaluated privatizing collection services
- Recommend rate path for revenue sufficiency

Guidance Requested

PROCEED WITH RATE INCREASES?

PREPARE REQUEST FOR PROPOSALS TO TEST THE PRIVATE MARKET?

Thank You

Discussion

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jculbertson@mswconsultants.com

AN ORDINANCE TO AMEND AND RE-ENACT CHAPTER 85 OF THE CODE OF FRONT ROYAL, VIRGINIA PERTAINING TO GARBAGE, RUBBISH, REFUSE AND SOLID WASTE MANAGMENT

WHEREAS, MSW Consultants was hired to provide a Cost of Service Study for solid waste collection showing an increase of rates including recommendations for the Main Street Area; and,

NOW THEREFORE, BE IT ENACTED, by the Town Council of the Town of Front Royal that Chapter 85 of the Code of Front Royal, Virginia hereby be amended as follows:

Chapter 85

GARBAGE, RUBBISH, REFUSE AND SOLID WASTE MANAGEMENT

Sections:

GENERAL PROVISIONS
85-1 DUMPING ON PUBLIC OR PRIVATE PROPERTY
85-2 COLLECTION AREAS AND DAYS
85-3 COLLECTION CHARGES
85-4 DISPOSITION OF TREE CUTTINGS, YARD WASTE AND BUILDING MATERIAL
85-5 HOURS FOR PLACEMENT AT CURB
85-6 ADDITIONAL CHARGE FOR SPECIAL LOCATION SOLID WASTE COLLECTION ONTO PRIVATE PROPERTY ~~ENTRANCE ON PRIVATE PROPERTY FOR COLLECTION~~
85-7 COMPLIANCE REQUIRED
85-8 SUITABLE CONTAINERS DESIGNATED
~~85-9 (RESERVED)~~
85-~~10~~ 9 RESTRICTIONS
85-~~11~~ 10SEPARATION; VIOLATIONS AND PENALTIES
~~85-12 REPORT~~

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GENERAL PROVISIONS

85-1 DUMPING ON PUBLIC OR PRIVATE PROPERTY

It shall be unlawful for any person to dump or otherwise dispose of trash, garbage, refuse or other unsightly matter on a public street, right-of-way or on private property without the written consent of the owner thereof or his agent. When a violation of the provisions of this section has been observed by any person, and the matter dumped or disposed of on the street, right-of-way or private property has been ejected from a motor vehicle, the owner or operator of such motor vehicle shall be presumed to be the person ejecting such trash, garbage, refuse or other unsightly matter, provided that such presumption shall be rebuttable by competent evidence. Any person convicted of a violation of this section shall be guilty of a Class 3 misdemeanor and punished in accordance with the provisions of Section 1-15, General Penalty, and Section 85-11 of this Code.

85-2 COLLECTION AREAS AND DAYS

Garbage, ashes, recyclable materials, yard waste and trash shall be collected in such areas of the Town and upon such days as may be directed by the Town Manager. Solid Waste collection trucks shall each collect on the route only once on each scheduled day and shall not thereafter return for additional collections.

85-3 COLLECTION CHARGES

A. The owner or occupant of each residential unit, office, retail and wholesale business, church, public building, and any other building or unit, provided such structure is connected to the Town's water and sewer system, whether using or not, and property has direct access to a Town maintained roadway; shall pay a charge to the Town for its collection of solid waste. The owners or occupants of such structures which are not so connected to the water and sewer system may request and pay for refuse collection services from the Town. The collection charge shall be ~~three hundred and 00/100 dollars ($300.00)~~ five hundred fifty and 00/100 dollars ($550.00) per month for every customer who requires twice weekly pickup service on container larger than six (6) cubic yards; and ~~two hundred fifteen and 00/100 dollars ($215.00~~) two hundred seventy-five and 00/100 dollars ($275.00) per month for every customer who requires once weekly pickup service on a container larger than six (6) cubic yards; ~~an additional monthly charge of fifty-eight and 00/100 dollars ($58.00) for tipping fees per pickup of a commercial dumpster; twenty-six and 00/100 dollars ($26.00) per month for each ninety-six (96) gallon container per commercial customer each week~~; ~~fourteen and 10/100 dollars ($14.10)~~ twenty-two and 05/100 dollars ($22.05) per month for each ninety-six (96) gallon container per customer each week; and ~~twelve and 00/100 ($12.00) dollars~~ nineteen and 60/100 dollars ($19.60) per month for each thirty-two(32) gallon container per customer each week.

B. Establishment of Main Street Solid Waste service rates.

a) The Main Street solid waste service area shall be defined as parcels east of North and South Royal Avenue and south of Peyton Street and west of Chester Street and west of High Street and north of East Jackson Street.

b) Refuse collection rates shall be based upon the total cost of providing solid waste services in the Main Street service area and shall be proportioned among customers based on specific residential and non-residential customer classes and the relative size of operation of the customer with respect to other customers.

c) Each residential and non-residential customer within the Main Street service area shall pay a portion of the service cost identified for solid waste services for the area. The following customer classifications shall apply:

(1) *Residential* – Parcels being used for housing within the Main Street area shall be charged the same monthly solid waste fee per unit that is charged for residential solid waste collection customers citywide.

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(2) *Class I*— Small Business - A non-residential customer generating quantities of solid waste estimated to be less than thirty-three and one-third (33⅓) percent of the quantity of solid waste generated by the remainder of non-residential customers, as determined by the Director of Public Works or designee.

(3) *Class II*— Medium Business/Small Food Service - A non-residential customer generating quantities of solid waste estimated to be equal to thirty-three and one-third (33⅓) percent but less than sixty-six and two-thirds (66⅔) percent of the quantity of solid waste generated by the remainder of non-residential customers and serving food and/or beverage, as determined by the Director of Public Works or designee.

(4) *Class III*— Large Business/Restaurant - A non-residential customer generating quantities of solid waste estimated to be equal to or greater than sixty-six and two-thirds (66⅔) percent of the quantity of solid waste generated by the remainder of non-residential customers and serving food and beverage, as determined by the Director of Public Works or designee.

(5) *Exception* – Businesses not falling into any of the above categories, either unique in the downtown area or accounts with unusual circumstance such as master metering for several business units, paying for dedicated service from the premises, etc.

d) The Director of Public Works or designee shall identify and assign all businesses, residences and other permanent establishments which can reasonably be expected to generate solid waste in the Main Street area to one of the established customer categories. The Director of Public Works or designee shall review such assignments periodically or upon receipt of a request from a customer. The Town Manager or designee shall consider the costs of providing service and the amount and type of materials generated when making class assignments. The Town Manager or designee shall annually review the cost of providing solid waste services for the Main Street service area. If the director determines that it is necessary to increase the fees set forth in subsection (e) in order to fully recover the costs of providing solid waste service, the Town Manager or designee shall submit the proposed fee increases to the Town Council for review and comment before submitting proposed amendments to the rates in subsection (e) to the Town Council.

e) The following monthly rates shall apply to the classifications as established by this article and shall be billed and collected as provided for below:

Main Street Solid Waste Management Monthly Rate				
Classification				
Residential	I	II	III	Exception
$22.05	$ 46.00	$ 120.00	$ 425.00	As determined by Public Works Director or Designee

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~~B.~~ C. Collection charges shall be paid and processed in accordance with the provisions contained in Section 134-71 of this Code.

~~C.~~ D. In the event that any retail or wholesale business, residential unit, office, church, public building or establishment is not occupied or used for more than one (1) month, the owner or occupant thereof shall be relieved during the vacancy or nonuse from the payment of the monthly charge, provided that the owner notifies the Town of Front Royal, in writing, of the vacancy or nonuse upon forms to be furnished by the Town. Owner or occupant must notify the Town of Front Royal, in writing, when he wishes collection of garbage, ashes and trash to be resumed. Any person making a false statement to avoid payment of the collection charge shall be guilty of a misdemeanor.

~~D.~~ E. In the event that the owner or occupant of any retail or wholesale business, residential unit, office, church, public building or establishment shall exhibit to the Town Treasurer a signed written contract with a private garbage collection business, providing for the collection of garbage, ashes and trash, then said owner or occupant shall be relieved of the payment of any of the aforementioned monthly fees for the term of said contract.

~~E.~~ F. The Town shall provide "On-Call Collection" of large items or large quantities of items to existing residential customers as follows:

1. Individuals shall establish a work order for collection and schedule collection with the Department of Public Works prior to placing material.

2. Individuals shall identify the type and quantity of items to be collected, so that the Town may dedicate the necessary forces for collection. Items not acceptable for disposal, such as those identified in Section 85-10(E), or other items, such as, but not limited to, computer monitors, items containing mercury such as thermometers, sofas containing hideaway beds, recliners, items not readily crushable by the Town's mechanical refuse crushers, railroad ties, bricks, rocks, wooden or metal fencing, yard waste including tree limbs, roots, root balls, and stumps, air or propane tanks, swing sets, porch swings, picnic tables, and other items (however, yard waste items may be collected on a not on-call basis in accordance with the procedures established in Section 85-4 of the Town Code) determined by the Director of Public Works to be unacceptable shall not be collected as part of this program. All items to be collected, except furniture and appliances, shall be bagged in plastic or cloth bags, not to exceed fifty-five (55) gallons. All items to be collected shall be placed within the Right-of-Way, but items shall not be placed on the street or sidewalk. The Town shall not enter private property for On-Call Collection.

3. There will be no fee for the first collection work order per customer per calendar year containing twenty (20) or fewer bags, not exceeding fifty-five (55) gallons per bag, of bagged items to be collected, plus five (5) pieces of furniture determined by the Department of Public Works, as readily crushable by the Town's mechanical refuse crusher, or household appliances not containing Freon or mercury. For a second collection work order per customer per calendar year, the fee is $25.00. For a third and all subsequent collection work orders per customer per calendar year, the fee is $50.00.

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4. For the first collection of unbagged items, and/or for collection of more than twenty (20 bags or five (5) furniture items of other acceptable items for collection, not otherwise eligible for collection pursuant to (3.) above, per customer per calendar year, there shall be a fee of Four Hundred Dollars ($400.00) per hour. For a second collection of unbagged items and/or second collection of more than twenty (20) bags or five (5) furniture items or other acceptable items for collection, not otherwise eligible for collection pursuant to (3.) above, per customer per calendar year, there shall be a fee of Six Hundred Dollars ($600.00) per hour. For a third or subsequent collection of unbagged items and/or a third or subsequent collection of more than twenty (20) bags or five (5) furniture items of other acceptable items for collection, not otherwise eligible for collection pursuant to (3.) above, per customer per calendar year, there shall be a fee of Eight Hundred Dollars ($800.00) per hour.

5. Items containing Freon or other refrigerants, such as refrigerators, freezers, air conditioners, and dehumidifiers shall be subject to an additional fee of $15.00 per item for the recovery of such refrigerants from the device.

6. Tires without rims shall be subject to a collection fee of $2.00 per tire; tires with rims shall
be subject to an additional fee of $4.00 per tire for the Town's additional time and labor involved in separating the tires from the rims.

7. For purpose of §85-3(E) only, placement of bagged material or furniture compliant with this Code Section shall not constitute a violation of Town Code §142-4 for residential customers with an established, open On-Call Collection work order obtained through the Department of Public Works to place items for collection within the Town Right-of-Way so long as no such items placed obstruct the traveled portion of any street or sidewalk, and so long as access by the Town is not blocked or impeded. Placement of any material intended for collection through the On-Call Collection Program prior to establishing a work order shall constitute a violation of Town Code §142-4 and shall be subject to enforcement action and punishment as permitted by the Town Code.

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85-4 DISPOSITION OF TREE CUTTINGS, YARD WASTE, AND BUILDING MATERIAL

A. Tree and/or brush cuttings shall be reduced to a maximum of five (5) foot lengths, and shall be bundled with rope or heavy twine or placed separately in garbage cans, not to exceed 32 gallons in size, and shall weigh no more than fifty (50) pounds.

B. Yard waste, to include grass clippings, may be placed in the same area as garbage or other refuse for curbside pickup by the Town PROVIDED such material is placed in paper or other biodegradable bags or in garbage cans, not to exceed 32 gallons in size or fifty (50) pounds in weight. In addition, such material shall not be mingled with garbage, ashes and trash. The Town will refuse service for this category of material to any citizen who uses plastic bags, or who mixes it with other waste, and it shall thereafter be the responsibility of the citizen who has violated these rules to dispose of such material. No more than ten (10) bags or 32-gallon

containers of yard waste shall be collected from each residence on a single day.

C. Rejected building materials shall not be put out for collection.

85-5 HOURS FOR PLACEMENT AT CURB

Containers, as provided in Section 85-8, for garbage, ashes or trash, as well as containers for ~~recyclable materials~~ and for yard waste, shall be placed at the street side of the curb on the day of collection before 6:30 AM or after 7:00 PM the night before. Solid waste shall not be set out after the collection truck has passed. It shall be unlawful to place such containers in such a manner that access to them from the collection truck and Town workers is blocked or impeded by any vehicle or other obstruction. Customers shall remove the containers from the town right-of-way before 7:00 AM the day after collection.

~~85-6 ADDITIONAL CHARGE FOR ENTRY ONTO PRIVATE PROPERTY FOR COLLECTION~~

~~When any person not less than sixty-five (65) years of age or permanently and totally disabled requests in writing that the Town solid waste collection equipment or personnel enter upon private property for the purpose of making such collection, the customer making such request shall pay an additional collection charge of five dollars ($5.00) per month, which shall be added to and collected with the regular solid waste collection charge, and the Town solid waste collection personnel shall enter the private property for the purpose of such collection. In addition, at the discretion of the Director of Public Works, Town solid waste equipment and/or personnel may make curbside collection of the solid waste of any person, regardless of age or ability, whose property does not front on a Town-maintained street and who requests curbside solid waste collection in writing and pays the additional collection charge of five dollars ($5.00) per month; provided that such person places such solid waste for collection at the front lot line at such non-Town-maintained road on the appropriate day and in the appropriate container provided in this Chapter.~~

85-6 ADDITIONAL CHARGE FOR SPECIAL LOCATION SOLID WASTE COLLECTION ONTO PRIVATE PROPERTY

Special location solid waste collection service is offered to Town of Front Royal households where all members of the household meet the following conditions: residents are at least 65 years old or have a doctor verified medical need; the account holder making such request shall pay an additional collection charge of $23.50 per month, which shall be added to and collected with account holders monthly utility bill.

Special collection means that Town issued containers will be collected from **one** designated collection location that is mutually agreed upon, by the Director of Public Works (or designee) and account holder, within 25 feet of residence. Materials will only be collected at the designated location mutually agreed upon and will not be collected if there is heavy snow, ice, or other obstructions blocking the path to the designated collection location.
A written application must be completed and signed by all members of the household. A person with Power of Attorney may sign on a resident's behalf. If a resident is younger than 65 years

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old, a written medical need signed by a licensed doctor must be provided to the Town. Children under the age of 18 will be listed on the application, but are not required to sign.
Upon approval of the Director of Public Works (or designee) service will remain in effect for a period not exceeding three years, or upon termination of utility account; upon which reapplication may be made by account holder. Account holder may end special location solid waste collection at any time by providing Town written notification.

85-7 COMPLIANCE REQUIRED

Deposits for collection and collection by the Town trucks of solid waste shall be subject to the provisions of this chapter. Any matter set out for collection which does not comply with the provisions of this chapter will not be collected by the Town but shall be removed by the owner or tenant.

85-8 SUITABLE CONTAINERS DESIGNATED

For the purpose of this chapter, a suitable container for all refuse and garbage containing, or which contained, animal or vegetable matter subject to decay or fermentation, and trash, paper, ashes and other matter not subject to decay or fermentation, shall be a container provided by the Town to each customer, unless specifically exempted by the Director of Public Works. Containers shall be 96-gallon capacity unless that size container poses a hazard or unusual inconvenience for the worker or customer. In either event, and with the approval of the Director of Public Works, the Town shall provide 32 gallon containers to the customer. All items placed in the container must be bagged. The container and its contents shall not exceed fifty (50) pounds for the thirty-two (32) gallon container, and one hundred fifty (150) pounds for the ninety-six (96) gallon container. All solid waste set out for collection shall be placed in proper containers. The Town shall not collect items not placed in the proper containers. Customers are required to keep containers sufficiently clean to control odors and vermin.

~~85-9 (RESERVED)~~

85-~~10~~ 9 RESTRICTIONS

A. Containers for refuse, garbage, trash, paper, ashes and other like waste material, as required in this chapter, shall not be filled more than level with the brim.

B. Covers on all containers, as required in this chapter, shall be kept in place except when filling or emptying.

C. No liquid shall be placed in any container required in this chapter.

D. Hot ashes shall not be placed in any combustible containers required under the provisions of this chapter.

E. The Town shall not collect unauthorized or dangerous items including but not limited to, medical waste, construction debris, automotive parts, hazardous waste, controlled waste, items that may contain asbestos, bio-hazardous material, petroleum products, computer monitors or

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items contaminated with petroleum, explosives, and reactive chemicals. The property owner shall be responsible for the disposal of such items.

F. Individuals shall place all solid waste within suitable sealed bags prior to placement in containers. If waste scatters because and individual did not secure waste in a bag, the individual/property owner is responsible for the scattered material and may be charged with littering.

85-~~11~~ 10 SEPARATION; VIOLATIONS AND PENALTIES

A. Purpose. The purpose of this Article is to provide the Town of Front Royal with a basis for the effective recycling of solid waste and the development and implementation of the Solid Waste Management Plan.

B. Definitions. As used in this Article, the following terms shall have the meanings indicated:

RECYCLING - The process of separating a given waste material from the waste stream and processing it so that it is used again as raw material for a product, which may or may not be similar to the original product.

SOLID WASTE - Any garbage, refuse, sludge and other discarded material, including solid, liquid, semisolid or contained gaseous material, resulting from industrial, commercial, residential, mining and agricultural operations or community activities, but does not include solid or dissolved material in domestic sewage; solid or dissolved material in irrigation return flows or in industrial discharges which are sources subject to a permit from the State Water Control Board; or source, special nuclear or by-product material as defined by the Federal Atomic Energy Act of 1954, as amended.

~~C. Collection and recycling. All occupants of residences and all businesses which are operated for a profit shall separate and make available for collection and recycling such categories of solid waste as are designated by and in such manner as is required by the Town of Front Royal Solid Waste Management Plan promulgated in accordance with the regulations of the Commonwealth of Virginia Department of Waste Management. The provisions of the Town of Front Royal Solid Waste Management Plan shall supersede and take precedence over conflicting provisions, if any, contained in Chapter 85, Article 1, to include but not be limited to any conflicting provisions pertaining to garbage and refuse containers.~~

~~D.~~ C. Nothing in this Article shall affect the right of any person to sell or otherwise dispose of solid waste material as provided in Virginia Code Section 15.2-933 or which may be permitted under any law of the Commonwealth of Virginia.

~~E.~~ D. Nothing in this Article shall impose any liability upon an apartment or commercial office building owner or manager for failure of the tenants to comply with any provisions of the Article, nor shall this Article impose any liability upon any solid waste hauler for the failure of its customers to comply with the provisions of this Article.

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~~F.~~ E. A civil fine of not more than one thousand dollars ($1,000.) may be imposed for violations of the provisions of this Article and the requirements of the Town of Front Royal Solid Waste Management Plan.

~~G.~~H. Penalties for misdemeanor violation of this Chapter shall be as follows:

1. Failure to remove solid waste containers from Town right-of-way: $10.00 per day of non-compliance after third violation notice.

2. Failure to maintain containers in a clean and sanitary condition, free from odor, flies or vermin: $25.00 per occurrence after third violation notice.

3. Failure to bag solid waste placed in containers: $25.00 per occurrence after third violation notice.

4. Late placement of solid waste materials at curbside: $25.00 per occurrence after third violation notice.

5. Inclusion of hazardous, infectious or medical wastes in household solid waste containers: $500.00 per occurrence.

6. Other violations of this Chapter: $25.00 per occurrence after third violation notice.

~~85-12 REPORT~~
~~A. All companies which collect, store, treat, transport or dispose of solid waste which is generated within the Town of Front Royal shall submit an annual report to the Front Royal Town Manager or his designated agent.~~

~~B. Each annual report required hereunder shall include the following information for the period covered by the report:~~

~~1. The name and address of the reporting party.~~

~~2. The total quantity of solid waste collected, stored, treated, transported or disposed of and the total quantity of solid waste recycled by the reporting party.~~

~~3. The date of the report and the period of time covered by the report.~~

~~C. The total quantity of solid waste and the total quantity of recycled solid waste reported hereunder shall be based on the actual volume or weight of the solid waste and/or recycled solid waste. Where actual volume or weight cannot be accurately determined, the volume or weight may be reported using carefully estimated data. Each report shall include a statement of the basis for the reported data, e.g., measurement of volume, measurement of weight or estimation and the basis for the estimation.~~

~~D. Nothing hereunder shall be construed to require any party to report information of a~~

DRAFT

~~proprietary nature. In the event that any party fails to report information otherwise required hereunder based on that party's determination that the information is of a proprietary nature, the party shall specify in its report the general nature of the information withheld and the basis for its determination that said information is proprietary.~~

~~E. The total quantity of recycled solid waste included in the report shall mean only those solid wastes which were generated within the Town of Front Royal and then recycled.~~

This ordinance shall become effective _____.

APPROVED:

_____
Lori A. Cockrell, Mayor

ATTEST:

_____
Tina L. Presley, Clerk of Council

This Ordinance was approved at the Regular Meeting of the Town of Front Royal, Virginia Town Council conducted on _____, 2024 upon the following recorded vote:

R. Wayne Sealock	__Yes __No	H. Bruce Rappaport	__Yes __No
Joshua L. Ingram	__Yes __No	Melissa DeDomenico-Payne	__Yes __No
Amber F. Morris	__Yes __No	Glenn E. Wood	__Yes __No

A public hearing on the above was held on _____having been advertised in the Northern Virginia Daily on.

****

Approved as to Form and Legality:

_____
George M. Sonnett, Jr., Town Attorney Dated: _____

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COUNCIL REGULAR WORK SESSION
AGENDA STATEMENT

Meeting Date: August 5, 2024 Item# 3A

Agenda Item: Wastewater Treatment Plant SCADA Visualization System Upgrade

Summary: Council is requested to approve the procurement of the hardware, software, and service to upgrade and convert the Wastewater Treatment Plant SCADA (Supervisory Control and Data Acquisition) System to Inductive Ignition, for the total amount of $153,750.00.

The method used to procure this service is Cooperative Contracting utilizing the Virginia Association of State College & University Purchasing Professionals (VASCUPP) contract #UCPJMU6690, between James Madison University and Valley Automation Inc.

The system itself requires an upgrade to maintain operations and stability. Through many discussions, presentations, and site visits, the Public Works, Wastewater Treatment Plant, wishes to move forward with Valley Automation, Inc., out of Harrisonburg, Va.

The department currently has $168,116.00 budgeted on PO #30831 to fund this project.

Budget/Funding: 9601-R47001 Machinery & Equipment $153,750.00

Staff Recommendation: Staff recommends approving as presented on the August 26th consent agenda

July 2, 2024

Mr. Nathan Ruggles
Wastewater Manager
Town of Front Royal
1100 Manassas Avenue
Front Royal, VA 22630

RE: Town of Front Royal SCADA Conversion / Upgrade – Ignition – Rev 2

Mr. Ruggles:

Valley Automation, Inc. is pleased to provide the requested quotation to upgrade and convert the Town of Front Royal Wastewater Treatment Plant (WWTP) SCADA System to Inductive Ignition. This proposal outlines the requirements, plan and pricing.

The Front Royal WWTP currently operates on a client/server architecture using AVEVA Systems Platform SCADA system. The system, in its current state requires an upgrade to maintain operations and stability. Through many discussions and presentations, the Town of Front Royal has requested a quotation to evaluate different options from the system currently in use.

Valley Automation, Inc (VAI) is recommending the conversion of the software platform to Inductive Automation Ignition software. Ignition is a current SCADA provider utilizing current technologies for client/server architecture. The system, as presented in this quotation, can operate with existing clients on your system and allow expansion of additional clients as needed. The software is flexible in its use on computing and mobile devices, providing monitoring by operators over a wide variety of means. The software pricing is very competitive with the product being used in many area water and wastewater facilities.

Due to the need for high availability of the SCADA system to serve WWTP operations, VAI is recommending a redundant hardware setup to operate the facility. Our staff recently installed a redundance Stratus hardware solution for a neighboring locality, for which was evaluated by the WWTP supervisor at our offices. Our proposed solution shall include this redundant hardware server setup, running Windows server operating systems to provide the Ignition software operational requirements.

Per discussions with Town of Front Royal staff and onsite review, Valley Automation, Inc. (VAI) proposes the following goods and services to provide a fully functional system:

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Valley Automation, Inc. shall provide the following hardware/software as part of this proposal:

- Qty 1 Stratus ZtC Edge Server from Stratus Technologies
- Qty 1 ZtC Support System Plan
- Qty 2 Microsoft Windows Server 2022 Licenses
- Qty 1 Ignition SCADA Gateway w/ the following modules:
    - Ignition Platform
        - OPC UA Server Module
        - Core Drivers
    - Perspective Module Unlimited
    - SMS Notification Module
    - Reporting Module
    - Tag Historian Module
    - SQL Bridge Module
    - Alarm Notification Module
    - BasicCare Support

.

Valley Automation, Inc. shall provide the following services for successful project completion:

- Onsite backup of all InTouch application files
- Setup of server at VAI facility for proper upgrade and testing of system
- Ignition As-Is Conversion programming from Intouch to Ignition
- Setup Qty 3 reports as requested by Front Royal WWTP management
- Setup and verification of alarming with Front Royal WWTP management
- Provide customer witnessed FAT at the VAI Harrisonburg, VA location.
- Onsite install of ZtC Edge server and related hardware
- Provide appropriate startup assistance for functional system operation.
- Provide all documentation related to successful project completion.
- Provide startup support as required for successful project completion

The Town of Front Royal shall provide the following:

- Access to existing SCADA system for evaluation, backup and review
- Access to the facility, during normal business hours as required for successful project completion
- Involvement of operators and management for verification of operations at the facility using the new SCADA
- Access to PLC panels, as required for any evaluation requirements for connectivity
- Provide network drops for new SCADA servers (VAI can provide services hourly per VASCUPP contract should installation services be required)

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- Provide a safe location for the new SCADA servers, ideally in a wall mounted rack with a suitable UPS for operating the system (VAI can provide services hourly per VASCUPP contract should installation services be required)
- Provide access to hardware clients in the field to include panel mounted computers, tablets and mobile devices. (VAI shall provide per panel client pricing in a separate proposal)

Valley Automation, Inc. shall provide all goods and services as presented for an extended contractual price of $153,750.00

This project shall follow the VASCUPP contract terms and conditions. VASCUPP Contract UCPJMU6690 as presented https://vascupp.org/contracts/scada-hmi-software-services

VASCUPP pricing shall follow the published renewal rates effective August 13, 2024, as agreed upon with contract administrators. The efforts for this proposal will fall into the Renewal 1 timeframe, therefore the rates are extended per contractual agreement. The following rates shall apply:

- Electrical and SCADA Engineers - $129.33 / Hour
- Electrical, Instrumentation, Camera/Security - $105.81 / Hour
- Journeyman Electrical - $64.66 / Hour

The following breakdown of goods and services for VASCUPP contract UCPJMU6690 compliance are presented:

- Hardware and Software as presented - $94,314.36
- SCADA Setup/conversion/startup: 440 Hours @ 129.33/Hour = $56,905.20
- Electrical / Onsite installation requirements: 24 Hours @ 105.81 = $2,530.44

Proposed payment schedule:

- 50% Upon notice to proceed / acceptance of purchase order
- 25% Upon customer FAT acceptance at VAI offices
- 20% Upon successful onsite installation
- 5% Upon completion of outstanding items, retirement of existing SCADA and documentation handoff

Net 30 Terms Apply

Pricing valid for a period of 30 days from receipt of quotation.

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Valley Automation, Inc. is prepared to start this project with the acceptance of a purchaser order signifying notice to proceed.

Valley Automation, Inc. shall be held harmless for any delay in procurement caused by vendor delivery. Valley Automation, Inc. shall order all hardware in a timely manner upon acceptance of a purchase order indicating notice to proceed. Vendor delays in delivery of products are out of the control of Valley Automation, Inc. Updated quotes on materials are showing extended lead times on some items.

On behalf of Valley Automation, Inc. we thank you for the opportunity to provide this quotation.

Best regards,

Daniel R. Frederick
Sr. Systems Engineer
Valley Automation, Inc.

Patrick C. Embry, P.E.
Sr. Systems Engineer – Owner
Valley Automation, Inc.

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Town of Front Royal
Public Works

MEMORANDUM

TO: **Michelle Campbell, Purchasing Manager**

CC: **B.J. Wilson, Finance Director**

FROM: **Robert B Boyer, Public Works Director**

DATE: **July 18, 2024**

SUBJECT: **Recommendation to Upgrade Watse Water Treatment Plant SCADA System**

The town obtained pricing through cooperative contracting for upgrading the existing SCADA system at town's wastewater treatment plant facility, by transitioning to the Ignition Suite SCADA software allows the Town to be more flexible with the operations of the wastewater plant moving forward in the future. This will also improve security and redundancy and allow for growth as needed in the future.

We recommend moving forward with Valley Automation, they're a local vendor out of Harrisonburg, VA and provide their services to other municipalities and colleges. The price for this project is $153,750.00 and the department currently has $168,116.00 already budget on PO#30831 to fund this project.

If you have any questions or need any further information, please contact me at 540-692-4789.

Thank You.

COUNCIL REGULAR WORK SESSION
AGENDA STATEMENT

Meeting Date: August 5, 2024 Item# 3B

Agenda Item: Purchase of Two Dump Truck Chassis for Public Works

Summary: Council will be requested to approve the purchase of two (2) Dump Truck Chassis for the Department of Highway Maintenance, to replace #763 & #764 2002 GMC 8500 series dump truck chassis. The dump truck chassis will be used to perform road work and snow removal duties for the Public Works Department.

The method of procurement is Cooperative Contracting using Virginia Sherriff's Association, Contract # 24-05-0713. Excel Truck Group of Weyers Cave, WV contract is competitively bid by the State of Virginia's Office of Fleet Management Services and authorizes localities to make such purchases.

Staff received a quote from Excel Truck Group on June 28, 2024, in the amount of $97,976 for a complete cab and chassis. Should Council approve the purchase of a second chassis, the price remains the same until the 1st quarter of 2025, when pricing will increase approximately 5%. Staff is requesting Council to approve the purchase of two (2) dump truck chassis for a total amount of $195,952.00, during the regular scheduled meeting on August 26, 2024.

Funds totaling $205,000 to purchase the chassis are included in the current FY2024-2025 Town of Front Royal Adopted Budget.

Budget/Funding: 4500-R47005 Highway Maintenance Motor Vehicles

Staff Recommendation: Staff recommends approving as presented on the August 26th consent agenda

EXCEL TRUCK GROUP
3243 Lee Highway, Weyers Cave, VA 24486
Phone (540) 234-0999 Fax (540) 234-0997 (888) 888-9407
www.exceltruckgroup.com

June 24, 2024

Town of Front Royal
102 E Main St
Front Royal, VA 22630

Don,

Excel Truck Group appreciates the opportunity to quote the Town of Front Royal one new 2025 Freightliner M2106 plus chassis. The price of the chassis is $93,282 as seen on the Virginia Sherriff's Contract. After the added options of $19,129 x 34.55% ($12,520 total) are added in, it brings the chassis to $105,802. I was then able to get a deeper discount for you, bringing the delivered chassis price to $97,976.

Chassis quoted under VSA contract 24-05-0713

Thanks again and please let me know if you have any questions.

Regards,

Dan Smith
Sales Manager
Excel Truck Group

Prepared for:
Don McPaters
FRONT ROYAL TOWN OF
102 E MAIN ST

FRONT ROYAL, VA 22630
Phone: 540-636-6889

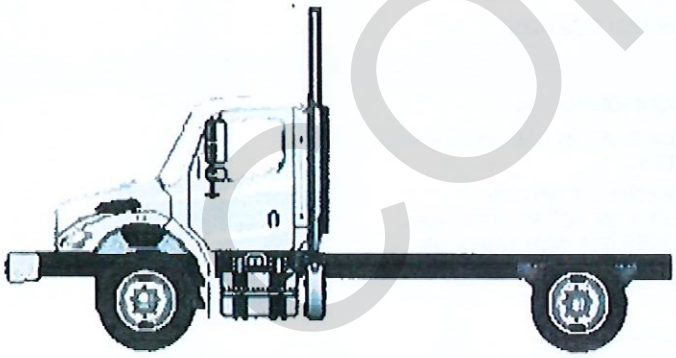
Prepared by:
Dan Smith
EXCEL TRUCK GROUP
3243 LEE HIGHWAY
WEYERS CAVE, VA 244860096
Phone: 540-234-0999

A proposal for
FRONT ROYAL TOWN OF

Prepared by
EXCEL TRUCK GROUP
Dan Smith

Jun 28, 2024

Freightliner M2 106 Plus



Components shown may not reflect all spec'd options and are not to scale

COPY

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102 E MAIN ST

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SPECIFICATION PROPOSAL

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-28M	M2 PRL-28M (EFF:MY25 ORDERS)			STD
Data Version				
DRL-048	SPECPRO21 DATA RELEASE VER 048			N/C
Vehicle Configuration				
001-172	M2 106 PLUS CONVENTIONAL CHASSIS	5,709	3,450	$114,401.00
004-225	2025 MODEL YEAR SPECIFIED			STD
002-004	SET BACK AXLE - TRUCK			STD
019-006	TRAILER TOWING PROVISION AT END OF FRAME WITH SAE J560	10	10	$1,027.00
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-003	TRUCK/TRAILER CONFIGURATION			N/C
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)			N/C
99D-027	EPA EMISSIONS CERTIFICATION FOR REGISTRATION IN EPA OR ACT STATES - EPA CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD OF DRIVER DOOR)			N/C
AF2-998	NONE			N/C
A85-011	CONSTRUCTION SERVICE			N/C
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-003	DRY BULK COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-091	MEDIUM TRUCK WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 21000.0 lbs			

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Data Code	Description	Weight Front	Weight Rear	Retail Price
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 33000.0 lbs			
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs			
Truck Service				
AA3-004	END DUMP BODY			N/C
AF3-1V4	GODWIN MANUFACTURING COMPANY			N/C
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in			
Engine				
101-3BN	CUM L9 300 HP @ 2200 RPM; 2200 GOV RPM, 860 LB-FT @ 1200 RPM	640	30	$11,662.00
Electronic Parameters				
79A-075	75 MPH ROAD SPEED LIMIT			N/C
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
79K-005	PTO MODE ENGINE RPM LIMIT - 900 RPM			N/C
79U-001	PTO GOVERNOR RAMP RATE - 25 RPM PER SECOND			N/C
79W-001	ONE TEM PTO SPEED			N/C
79X-003	PTO SPEED 1 SETTING - 800 RPM			N/C
80G-002	PTO MINIMUM RPM - 700			N/C
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
80S-020	PTO 1, WITH SWITCH, TEM SUPPLIED FEEDBACK AND INTERLOCKS, WITH PTO CONNECTIONS, ROLLING INTERLOCKS			N/C
Engine Equipment				
99C-024	EPA 2010/GHG 2024 CONFIGURATION			STD
13E-001	STANDARD OIL PAN			STD
105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER			STD
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
292-235	(2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES	10		$13.00
290-017	BATTERY BOX FRAME MOUNTED			STD
281-001	STANDARD BATTERY JUMPERS			STD
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			STD
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	2		$206.00
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2		$88.00
306-015	PROGRESSIVE LOW VOLTAGE DISCONNECT AT 12.3 VOLTS FOR DESIGNATED CIRCUITS			STD
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			STD
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR			STD
131-013	AIR COMPRESSOR DISCHARGE LINE			STD
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD
128-076	CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF	20		STD
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25	$823.00
28F-014	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND VIRTUAL REGENERATION REQUEST SWITCH IN CLUSTER			STD
239-038	11 FOOT 06 INCH (138 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT			N/C
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP			N/C
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
242-011	ALUMINUM AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD(S)			N/C
273-058	AIR POWERED ON/OFF ENGINE FAN CLUTCH			STD
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-003	CUMMINS SPIN ON FUEL FILTER			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER			N/C
266-101	900 SQUARE INCH ALUMINUM RADIATOR	15		N/C
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			STD
168-002	LOWER RADIATOR GUARD			STD
138-011	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4		$92.00
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			N/C
134-001	ALUMINUM FLYWHEEL HOUSING			STD
132-004	ELECTRIC GRID AIR INTAKE WARMER			STD
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH			N/C
Transmission				
342-584	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	200	60	$6,711.00
Transmission Equipment				
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV			N/C
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			N/C
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			N/C
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			N/C
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84J-000	ENGINE BRAKE RANGE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84K-000	ENGINE BRAKE RANGE ALTERNATE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED			STD
84P-998	NO TCU-PTO DRIVE INTERFACE			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
353-075	QUICKFIT BODY LIGHTING CONNECTOR AT END OF FRAME, WITH CAP			$200.00
34C-011	ELECTRONIC TRANSMISSION WIRING TO CUSTOMER INTERFACE CONNECTOR			$125.00
362-818	CUSTOMER INSTALLED CHELSEA 870 SERIES PTO			N/C
363-002	PTO MOUNTING, RH SIDE OF MAIN TRANSMISSION ALLISON & EATON FULLER			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED			$254.00
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013			N/C
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK			STD
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK			N/C
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD
Front Axle and Equipment				
400-1A6	DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE			STD
402-020	MERITOR 15X4 Q+ CAM FRONT BRAKES			STD
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-001	CAST IRON OUTBOARD FRONT BRAKE DRUMS			STD
409-006	FRONT OIL SEALS			STD
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD

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Phone: 540-234-0999

	Data Code	Description	Weight Front	Weight Rear	Retail Price
	416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
	405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
	536-050	TRW THP-60 POWER STEERING			STD
	539-003	POWER STEERING PUMP			STD
	534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR			STD
	40T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE			$17.00
Front Suspension					
	620-1D8	13,300# TAPERLEAF FRONT SUSPENSION	75		$313.00
	619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
	410-001	FRONT SHOCK ABSORBERS			STD
Rear Axle and Equipment					
	420-009	CUMMINS-MERITOR RS-21-160 21,000# R-SERIES SINGLE REAR AXLE		180	$976.00
	421-513	5.13 REAR AXLE RATIO			N/C
	424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
	386-094	RPL14 MERITOR SERVICE-FREE MAIN DRIVELINE WITH HALF ROUND (17T) YOKES	-20	-20	($240.00)
	452-001	DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE		20	$734.00
	878-018	(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE			N/C
	87B-008	INDICATOR LIGHT FOR EACH DIFFERENTIAL LOCKOUT SWITCH			N/C
	423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			STD
	433-002	NON-ASBESTOS REAR BRAKE LINING			STD
	434-012	BRAKE CAMS AND CHAMBERS ON REAR SIDE OF DRIVE AXLE(S)			N/C
	451-001	CAST IRON OUTBOARD REAR BRAKE DRUMS			STD
	440-006	REAR OIL SEALS			STD
	426-100	WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS			STD
	428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS			STD
	41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE			STD

COPY

Prepared for:
Don McPaters
FRONT ROYAL TOWN OF
102 E MAIN ST

FRONT ROYAL, VA 22630
Phone: 540-636-6889

Prepared by:
Dan Smith
EXCEL TRUCK GROUP
3243 LEE HIGHWAY
WEYERS CAVE, VA 244860096
Phone: 540-234-0999

Data Code	Description	Weight Front	Weight Rear	Retail Price
Rear Suspension				
622-001	23,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD		60	($1,317.00)
621-001	SPRING SUSPENSION - NO AXLE SPACERS			N/C
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			N/C
623-005	FORE/AFT CONTROL RODS			N/C
Pusher / Tag Equipment				
429-998	NO PUSHER/TAG BRAKE DUST SHIELDS			STD
Brake System				
018-002	AIR BRAKE PACKAGE			STD
490-121	WABCO 4S/4M ABS WITH TRACTION CONTROL			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER			STD
479-012	AIR DRYER MOUNTED UNDER HOOD			N/C
460-001	STEEL AIR BRAKE RESERVOIRS			STD
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD
Trailer Connections				
481-998	NO TRAILER AIR HOSE			STD
476-998	NO AIR HOSE HANGER			STD
914-001	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS			N/C
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION			N/C
303-025	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME			N/C
310-998	NO TRAILER ELECTRICAL CABLE			STD
Wheelbase & Frame				

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Data Code	Description	Weight Front	Weight Rear	Retail Price
545-387	3875MM (153 INCH) WHEELBASE			N/C
546-094	9/32X3-7/16X10-1/16 INCH STEEL FRAME (7.14MMX255.6/0.281X10.06 INCH) 80KSI	-170	40	STD
552-030	1600MM (63 INCH) REAR FRAME OVERHANG			STD
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH			N/C
549-093	8 INCH BOLT ON FRONT FRAME EXTENSION	55		$607.00
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 87.01 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 84.01 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 254.53 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 52.29 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 54.39 in			N/C
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD
Chassis Equipment				
556-1AP	THREE-PIECE 14 INCH PAINTED STEEL BUMPER WITH COLLAPSIBLE ENDS	30		$65.00
558-001	FRONT TOW HOOKS - FRAME MOUNTED	15		$74.00
574-011	SINGLE LICENSE PLATE BUMPER MOUNTING ON LH SIDE			STD
585-998	NO MUDFLAP BRACKETS			STD
590-998	NO REAR MUDFLAPS			STD
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS			STD
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
44Z-002	EXTERIOR HARNESSES WRAPPED IN ABRASION TAPE			STD
Fifth Wheel				
578-998	NO FIFTH WHEEL			STD
Fuel Tanks				
204-215	50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH	20		$348.00

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	Data Code	Description	Weight Front	Weight Rear	Retail Price
	218-005	RECTANGULAR FUEL TANK(S)			STD
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
	212-007	FUEL TANK(S) FORWARD			STD
	664-001	PLAIN STEP FINISH			STD
	205-001	FUEL TANK CAP(S)			STD
	122-1H3	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR	-5		N/C
	216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
Tires					
	093-16M	CONTINENTAL HSR3 11R22.5 14 PLY RADIAL FRONT TIRES	70		($304.00)
	094-12P	CONTINENTAL HDR2+ 11R22.5 14 PLY RADIAL REAR TIRES		92	($412.00)
Hubs					
	418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS			STD
	450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS			STD
Wheels					
	502-753	MAXION WHEELS 91262 22.5X8.25 10-HUB PILOT 6.20 INSET 5-HAND STEEL DISC FRONT WHEELS	10		($4.00)
	505-753	MAXION WHEELS 91262 22.5X8.25 10-HUB PILOT 5-HAND STEEL DISC REAR WHEELS		20	($8.00)
	496-011	FRONT WHEEL MOUNTING NUTS			STD
	497-011	REAR WHEEL MOUNTING NUTS			STD
Cab Exterior					
	829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
	650-003	LEAF SPRING REAR CAB SUSPENSION			$232.00
	678-001	LH AND RH GRAB HANDLES			STD
	646-046	STATIONARY MOLDED IN COLOR FULL GRILLE FOR CHASSIS WITHOUT INTEGRAL FRONT FRAME EXTENSIONS			$157.00
	65X-011	MOLD-IN COLOR HOOD MOUNTED AIR INTAKE GRILLE			STD
	644-004	FIBERGLASS HOOD			STD
	690-002	TUNNEL/FIREWALL LINER			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
727-1AF	SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK	4		$82.00
726-001	SINGLE ELECTRIC HORN			STD
728-001	SINGLE HORN SHIELD			N/C
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
312-093	INTERGRAL LED HEADLIGHTS; NON-COMPLIANT WITH FMVSS 108 HEADLIGHT HEIGHT REQUIREMENT			$930.00
302-047	LED AERODYNAMIC MARKER LIGHTS			STD
311-001	DAYTIME RUNNING LIGHTS			STD
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE			$133.00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
729-001	STANDARD SIDE/REAR REFLECTORS			STD
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS			STD
654-011	RH AND LH ELECTRIC POWERED WINDOWS			STD
663-013	1-PIECE SOLAR GREEN GLASS WINDSHELD			STD
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED			STD
Cab Interior				
055-017	PROFESSIONAL TRIM PACKAGE			STD
707-105	MIST AND CARBON CLOTH INTERIOR "PROFESSIONAL"			STD
70K-016	CARBON WITH BASE BLACK ACCENT			STD
706-013	MOLDED PLASTIC DOOR PANEL			STD
708-013	MOLDED PLASTIC DOOR PANEL			STD
772-006	BLACK MATS WITH SINGLE INSULATION			STD
785-026	(1)DASH MOUNTED 12V POWER OUTLET, (1)DASH MOUNTED DUAL USB-C OUTLET			$42.00
691-001	FORWARD ROOF MOUNTED CONSOLE			STD
693-019	LH AND RH DOOR STORAGE POCKETS INTEGRATED INTO MOLDED DOOR PANELS			STD
738-021	DIGITAL ALARM CLOCK IN DRIVER DISPLAY			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-029	M2/SD DASH			STD
720-002	2-1/2 LB. FIRE EXTINGUISHER	5		$37.00
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-001	STANDARD HVAC DUCTING			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-034	PREMIUM INSULATION			$187.00
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-1B3	STANDARD LED CAB LIGHTING			STD
787-998	NO SECURITY DEVICE			($300.00)
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME			STD
78G-004	KEY QUANTITY OF 4			$18.00
655-005	LH AND RH ELECTRIC DOOR LOCKS			STD
756-338	BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WTIH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30		$167.00
760-337	BASIC ISRINGHAUSEN HIGH BACK NON SUSPENSION TOOL BOX PASSENGER SEAT			$236.00
759-007	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4		$67.00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-1AK	BLACK VINYL DRIVER SEAT COVER			STD
761-1AK	BLACK VINYL PASSENGER SEAT COVER			STD
763-101	BLACK SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN			STD
540-044	4-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL WITH SWITCHES			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD

Instruments & Controls

106-002	ELECTRONIC ACCELERATOR CONTROL			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
734-025	CONFIGURABLE UPPER PANEL WITH INTEGRATED LOWER STORAGE			$4.00
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK			N/C
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-001	DUAL NEEDLE PRIMARY AND SECONDARY AIR PRESSURE GAUGE			STD
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS			STD
149-015	ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING WHEEL SPOKES			STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-044	PREMIUM INSTRUMENT CLUSTER WITH 5.0 INCH TFT COLOR DISPLAY			STD
81B-003	DIGITAL PANEL LAMP DIMMER SWITCH IN DRIVER DISPLAY			STD
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-072	ENGINE REMOTE INTERFACE WITH ONE OR MORE SET SPEEDS			$134.00
48F-998	NO PREWIRED HIGH POWER CIRCUIT			STD
48H-003	QUICKFIT POWERTRAIN INTERFACE CONNECTOR UNDER CAB WITH CAPS			$79.00
4C0-998	NO ADDITIONAL EXTRA SWITCH ACCUATORS			STD
48C-003	QUICKFIT PROGRAMMABLE INTERFACE CONNECTOR(S) UNDER CAB WITH CAP			$6.00
163-014	ENGINE REMOTE INTERFACE CONNECTOR AT POWERTRAIN INTERFACE CONNECTOR			N/C
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE			$30.00
867-004	ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN DRIVER MESSAGE CENTER			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
372-123	PTO CONTROLS FOR ENHANCED VEHICLE ELECTRIC/ELECTRONIC ARCHITECTURE			$40.00

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Data Code	Description	Weight Front	Weight Rear	Retail Price
736-998	NO OBSTACLE DETECTION SYSTEM			($4,324.00)
72K-998	NO REVERSE PROXIMITY SENSOR			STD
72J-998	NO DR ASSIST SYSTEM			($32.00)
3ZS-014	DETROIT FORWARD FACING VIDEO CAPTURE VIA BENDIX SAFETYDIRECT (NO DRIVER FACING VIDEO CAPTURE)	5		N/C
49B-004	ELECTRONIC STABILITY CONTROL			N/C
73B-998	NO LANE DEPARTURE WARNING SYSTEM			($1,080.00)
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
35M-010	1 QUICKFIT PROGRAMABLE MODULE (QPM/XMC)	10		$154.00
746-137	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, USB AND AUXILIARY INPUTS, J1939			STD
747-001	DASH MOUNTED RADIO			STD
750-002	(2) RADIO SPEAKERS IN CAB			STD
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF			STD
74D-006	STANDARD RADIO WIRING WITH STEERING WHEEL CONTROLS			STD
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
813-1C8	DETROIT CONNECT PLATFORM HARDWARE			STD
8D1-313	3 YEARS DAIMLER CONNECTIVITY BASE PACKAGE ON (FEATURES VARY BY MODEL) POWERED BY DETROIT CONNECT ON CUMMINS ENGINES			STD
6TS-008	(2) TMC RP1226 ACCESSORY CONNECTORS: (1) LOCATED BEHIND PASSENGER SIDE REMOVABLE DASH PANEL (1) CENTER OF OVERHEAD CONSOLE			$30.00
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP			STD
329-113	FOUR EXTRA HARDWIRED SWITCHES IN DASH, ROUTE TO UNDER CAB, CAPPED			$165.00
4C1-998	NO HARDWIRE SWITCH #1			N/C
4C2-998	NO HARDWIRE SWITCH #2			N/C
4C3-998	NO HARDWIRE SWITCH #3			N/C
4C4-998	NO HARDWIRE SWITCH #4			N/C
264-030	(1) OVERHEAD MOUNTED LANYARD CONTROL FOR DRIVER AIR HORN			($23.00)

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	Data Code	Description	Weight Front	Weight Rear	Retail Price
	482-001	BW TRACTOR PROTECTION VALVE			N/C
	883-001	TRAILER HAND CONTROL BRAKE VALVE			N/C
	836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
	660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
	304-030	ROTARY HEADLAMP SWITCH, MARKER LIGHTS/HEADLIGHTS SWITCH WITH PULL OUT FOR OPTIONAL FOG/ROAD LAMPS			N/C
	882-004	TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			N/C
	299-020	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP FLASH, WASH/WIPE/INTERMITTENT			STD
	298-046	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH 40 AMP (20 AMP PER SIDE) TRAILER LAMP CAPACITY			STD
Design					
	065-000	PAINT: ONE SOLID COLOR			STD
Color					
	980-5F6	CAB COLOR A: L0006EY WHITE ELITE EY			STD
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
	964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX			STD
	969-998	NO CAB/BODY EXTERIOR DECALS			STD
	963-003	STANDARD E COAT/UNDERCOATING			STD
Certification / Compliance					
	996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			STD
Sales Programs					
		NO SALES PROGRAMS HAVE BEEN SELECTED			

TOTAL VEHICLE SUMMARY

Adjusted List Price

Adjusted List Price **	$133,622.00

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Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight[*]	6780 lbs	3967 lbs	10747 lbs
Total Weight[+]	6780 lbs	3967 lbs	10747 lbs

ITEMS NOT INCLUDED IN ADJUSTED LIST PRICE

Other Factory Charges

PMV-024	GHG24 SURCHARGE - CUMMINS	$555.00
PNV-998	NO CARB24 SURCHARGE	N/C
RD1-313	3 YEARS DAIMLER CONNECTIVITY BASE PACKAGE ON (FEATURES VARY BY MODEL) POWERED BYDETROIT CONNECT ON CUMMINS ENGINES	STD
RAC-42N	M2/SD PLUS ESCALATOR	$750.00
RAG-020	CUMMINS TARIFF CHARGE - $205	$205.00
RAU-025	MY25 ESCALATOR	$1,500.00
RFY-022	FRONT TIRE SURCHARGE	$60.00
RFU-022	REAR TIRE SURCHARGE	$120.00
P73-2FT	STANDARD DESTINATION CHARGE	$3,375.00

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(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.
(**) Prices shown do not include taxes, fees, etc... "Net Equipment Selling Price" is located on the Quotation Details Proposal Report.

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.

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QUOTATION

M2 106 PLUS CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK
CUM L9 300 HP @ 2200 RPM; 2200 GOV RPM, 860 LB-FT @ 1200 RPM
ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
CUMMINS-MERITOR RS-21-160 21,000# R-SERIES SINGLE REAR AXLE
23,000# FLAT LEAF SPRING REAR SUSPENSION WITH RADIUS ROD
DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
13,300# TAPERLEAF FRONT SUSPENSION
106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
3875MM (153 INCH) WHEELBASE
NO FIFTH WHEEL
9/32X3-7/16X10-1/16 INCH STEEL FRAME (7.14MMX255.6/0.281X10.06 INCH) 80KSI
1600MM (63 INCH) REAR FRAME OVERHANG

		PER UNIT	TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (1)	$ 97,976	$ 97,976
EXTENDED WARRANTY		$ 0	$ 0
DEALER INSTALLED OPTIONS		$ 0	$ 0
CUSTOMER PRICE BEFORE TAX		**$ *97,976***	**$ *97,976***
TAXES AND FEES			
TAXES AND FEES		$ 0	$ 0
OTHER CHARGES		$ 0	$ 0
TRADE-IN			
TRADE-IN ALLOWANCE		$ (0)	$ (0)
BALANCE DUE	**(LOCAL CURRENCY)**	**$ 97,976**	**$ 97,976**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

Daimler Truck Financial
Financing that works for you.

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Daimler Truck Financial offers a variety of finance, lease and insurance solutions to fit your business needs. For more information about our products and services, visit our website at www.daimler-truckfinancial.com.

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MEMORANDUM

TO: BJ Wilson, Director of Financing

FROM: Donald B McPaters, Director of Fleet Maintenance DBM

SUBJECT: Purchase of a of a 2-Truck chassis for Public Work for a dump truck replacement.

DATE: July 18, 2024

The Public Works Department has a dump truck in the budget for 2024-2025 to replace 763 a 2002 GMC 8500 series dump truck chassis. We have specifications and a contract number to purchase this item. The Vender is Excel Truck Group out of Weyers Cave Virginia and the contract is Virginia Sherriff's Association. Contract number 24-05-0713. As long as it takes to get a chassis which is around 2 years can we purchase another chassis in the budget year? As of now we cannot get on the order sheet unless someone cancels their order for this year, we will be able to get on the list for this year. If we get on the list for next year, they are predicting around 5%. increase of the price. The dump bed and hydraulic systems will be separate bid

Auto Maintenance

From: Dan Smith <dansmith@exceltg.com>
Sent: Monday, July 8, 2024 1:58 PM
To: Auto Maintenance
Subject: Re: Updated Specs

I would like to think not more than 5%....So $103k

Dan Smith

Sales Manager
Excel Truck Group
3243 Lee Hwy
Weyers Cave, VA 24486
Cell: (540) 578-0658 | **Office:** (540) 234-0999
Email: Dansmith@exceltg.com
www.exceltruckgroup.com





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From: Auto Maintenance <automaintenance@frontroyalva.com>
Sent: Monday, July 8, 2024 1:55 PM
To: Dan Smith <dansmith@exceltg.com>
Subject: Re: Updated Specs

CAUTION
This email originated outside the organization. Do not click any links or attachments unless you know the sender.

Sent from my iPhone

> On Jul 8, 2024, at 1:52 PM, Dan Smith <dansmith@exceltg.com> wrote:
>
> Just a figure for now.
>
> Do you want me to put something in a letter or just give you a figure?

Dan Smith

Sales Manager
Excel Truck Group
3243 Lee Hwy
Weyers Cave, VA 24486
Cell: (540) 578-0658 | **Office:** (540) 234-0999
Email: Dansmith@exceltg.com
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From: Auto Maintenance <automaintenance@frontroyalva.com>
Sent: Monday, July 8, 2024 1:41 PM
To: Dan Smith <dansmith@exceltg.com>
Subject: RE: Updated Specs

CAUTION
This email originated outside the organization. Do not click any links or attachments unless you know the sender.

Dan can you guess the price for the 1 quarter next year. That way we inform the council that if we do not get a cancellation that the price will increase this much for the second chassis.

From: Dan Smith <dansmith@exceltg.com>
Sent: Friday, June 28, 2024 9:49 AM
To: Auto Maintenance <automaintenance@frontroyalva.com>
Subject: Updated Specs

Don,

Please see updated specs with a block heater. I kept pricing the same, so the cover letter is still good. Bad news is I only have 1 M2 slot left for the fourth quarter unless I get a cancellation. If I don't get a cancellation, I can put you in the 1st quarter next year, but the pricing may be a little higher due to the model year. Do you want me to guess at that or wait?

Thanks Don,

Dan Smith

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Email: Dansmith@exceltg.com
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COUNCIL REGULAR WORK SESSION
AGENDA STATEMENT

Meeting Date: August 5, 2024 Item# 3C

Agenda Item: Curb & Gutter Removal and Installation Services

Summary: Request is being made of the Public Works Department to purchase services for the curb and gutter removal and installation, during the regular scheduled meeting of August 26, 2024.

The method of procurement is cooperative contracting, utilizing the Virginia Department of General Services (DGS) contract #CTR025597 and Gordian, Job Order Contracting (JOC) program. F.H. Paschen, of McLean, Va., will be the contractor.

The scope of work includes the following streets:

Washington Ave: C&G and new cul de sac
E. 7th Street: C&G
Belair Ave: C&G and stormwater
Sherwood Ave: C&G and ADA ramps
Jamestown Road: C&G

The department currently has $6,525 budgeted on PO #30834 to fund this project and $443,235.55, encumbered on PO #30573.

Council is requested to award the bid to purchase services for the curb and gutter installation project to Gordian JOC / F.H. Paschen, for the total amount of $449,760.55.

Budget/Funding: Funding has been budgeted for and is available in the following line items:

4500-R47941	Highway Maintenance – Curb & Gutter	$6,525
4500-R47927	Highway Maintenance – Street Reconstruction	$443,235.55

Staff Recommendation: Staff recommends approving as presented under the August 26th consent agenda.

Project Cost Summary

Attn: Town of Front Royal
Steve Scheulen

Proposal Date: July 01, 2024
Project No. 130844

Job Order No: 130844.00
Job Order Title: Town of Front Royal - Curb and Gutter
Project Manager: Steve Scheulen

COPY

Job Order Amount; PO to Contractor:	$428,343.38
License Fee (5.00%); PO to Gordian:	$21,417.17
Total Project Cost:	**$449,760.55**

GORDIAN®

Work Order Signature Document

EZIQC Contract No.: CTR025597

[X] **New Work Order** [ ] **Modify an Existing Work Order**

Work Order Number: 130844.00 Work Order Date: 07/01/2024

Work Order Title: Town of Front Royal - Curb and Gutter

Owner Name:	Town of Front Royal	Contractor Name:	FHP Tectonics Corp
Contact:	Steve Scheulen	Contact:	Keith Knicely
Phone:		Phone:	No Data Input

Work to be Performed

Work to be performed as per the Final Detailed Scope of Work Attached and as per the terms and conditions of EZIQC Contract No CTR025597.

Brief Work Order Description:

Repair and install curb and gutter.

Time of Performance Estimated Start Date: 08/12/2024
Estimated Completion Date: 10/04/2024

Liquidated Damages Will apply: [ ] Will not apply: [X]

Work Order Firm Fixed Price: $428,343.38

Owner Purchase Order Number:

Approvals

Owner Date

Contractor Date

COPY

Detailed Scope of Work

To: Keith Knicely
FHP Tectonics Corp

From: Steve Scheulen
Town of Front Royal

Date Printed: July 01, 2024

Work Order Number: 130844.00

Work Order Title: Town of Front Royal - Curb and Gutter

Brief Scope: Repair and install curb and gutter.

☐ **Preliminary**	☐ **Revised**	☒ **Final**

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

Please reference attached scope of work.

Contractor _____ Date _____

Owner _____ Date _____

COPY

Contractor's Price Proposal - Summary

Date: July 01, 2024

IQC Master Contract #: CTR025597
Work Order Number: 130844.00
Owner PO #:
Work Order Title: Town of Front Royal - Curb and Gutter
Contractor: FHP Tectonics Corp
Proposal Name: Town of Front Royal - Curb and Gutter
Proposal Value: $428,343.38

01 - General Requirements	**$296,661.54**
02 - Site Work	**$7,924.28**
03 - Concrete	**$4,252.99**
31 - Earthwork	**$16,967.79**
32 - Exterior Improvements	**$90,027.80**
33 - Utilities	**$12,508.98**
Proposal Total	**$428,343.38**

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

COPY

Contractor's Price Proposal - Detail

Date: July 01, 2024

IQC Master Contract #: CTR025597
Work Order Number: 130844.00
Owner PO #:
Work Order Title: Town of Front Royal - Curb and Gutter
Contractor: FHP Tectonics Corp
Proposal Name: Town of Front Royal - Curb and Gutter
Proposal Value: $428,343.38

	Sect.	Item	Modifer.	UOM	Description	Line Total
Labor	**Equip.**	**Material**	**(Excluded if marked with an X)**			

01 - General Requirements

1	01 22 20 00-0006		HR	CarpenterFor tasks not included in the Construction Task Catalog® and as directed by owner only.		$7,066.76
				Quantity	Unit Price	Factor	Total
				Installation 160.00	x 43.09	x 1.0250	= $7,066.76
				In place of superintendent time @ 8 weeks/50% time			
2	01 22 20 00-0006	0001	MOD	For Foreperson, Add		$352.60
				Quantity	Unit Price	Factor	Total
				Installation 160.00	x 2.15	x 1.0250	= $352.60
3	01 22 20 00-0057		HR	Flagperson For Traffic Control		$45,057.36
				Quantity	Unit Price	Factor	Total
				Installation 960.00	x 45.79	x 1.0250	= $45,057.36
				Flagger on each side of work zone for duration of concrete work, site work, and stormwater work.			
4	01 22 23 00-0199		MO	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator		$16,484.11
				Quantity	Unit Price	Factor	Total
				Installation 1.00	x 16,082.06	x 1.0250	= $16,484.11
				bulk compaction			
5	01 22 23 00-0199	0029	MOD	For Equipment Without Operator, Deduct		-$2,721.41
				Quantity	Unit Price	Factor	Total
				Installation 0.25	x -10,620.12	x 1.0250	= -$2,721.41
				25% downtime			
6	01 22 23 00-0203		MO	48" Wide, 40" Diameter, Towed Padfoot Roller		$1,864.25
				Quantity	Unit Price	Factor	Total
				Installation 2.00	x 909.39	x 1.0250	= $1,864.25
				tight areas compaction and trench compaction			
7	01 22 23 00-0233		WK	1" x 4' x 8' Steel Plate		$552.45
				Quantity	Unit Price	Factor	Total
				Installation 6.00	x 89.83	x 1.0250	= $552.45
				steel plate for open trench/stormwater work. 6 plates on site used as needed for duration of work.			
8	01 22 23 00-0270		MO	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator		$25,308.01
				Quantity	Unit Price	Factor	Total
				Installation 2.00	x 12,345.37	x 1.0250	= $25,308.01
				daily maintenance and cleaning of work areas from trucks and equipment in/out.			
9	01 22 23 00-0270	0051	MOD	For Equipment Without Operator, Deduct		-$2,452.46
				Quantity	Unit Price	Factor	Total
				Installation 0.25	x -9,570.58	x 1.0250	= -$2,452.46
				25% downtime			

COPY

Contractor's Price Proposal - Detail Continues..

Work Order Number: 130844.00
Work Order Title: Town of Front Royal - Curb and Gutter

Proposal Name: Town of Front Royal - Curb and Gutter
Proposal Value: $428,343.38

	Sect.	Item	Modifer.	UOM	Description	Line Total
Labor	**Equip.**	**Material**	**(Excluded if marked with an X)**			

01 - General Requirements

10 01 22 23 00-0284 MO 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator — $64,671.25

	Quantity		Unit Price		Factor	=	Total
Installation	5.00	x	12,618.78	x	1.0250	=	$64,671.25

2 skid-steers for duration of concrete work. 1 skid steer for cul de sac grading and prep

11 01 22 23 00-0293 MO Hydraulic Hammer Attachment For Skid-Steer Loaders — $5,038.90

	Quantity		Unit Price		Factor	=	Total
Installation	2.00	x	2,458.00	x	1.0250	=	$5,038.90

12 01 22 23 00-0301 WK Broom Attachment For Skid-Steer Loaders — $2,903.78

	Quantity		Unit Price		Factor	=	Total
Installation	8.00	x	354.12	x	1.0250	=	$2,903.78

on site for use assisting street sweeper during down time and trucks in/out.

13 01 22 23 00-0346 MO 1/2 CY Hydraulic Excavator With Full-Time Operator — $16,992.41

	Quantity		Unit Price		Factor	=	Total
Installation	1.00	x	16,577.96	x	1.0250	=	$16,992.41

14 01 22 23 00-0346 0051 MOD For Equipment Without Operator, Deduct — -$2,721.41

	Quantity		Unit Price		Factor	=	Total
Installation	0.25	x	-10,620.12	x	1.0250	=	-$2,721.41

25% downtime

15 01 22 23 00-0516 WK 4' x 16' Trench Box With Up To 48" Spreaders — $1,230.21

	Quantity		Unit Price		Factor	=	Total
Installation	4.00	x	300.05	x	1.0250	=	$1,230.21

2 trench boxes

16 01 22 23 00-0557 WK 60 HP Road Grader With Full-Time Operator — $9,019.30

	Quantity		Unit Price		Factor	=	Total
Installation	2.00	x	4,399.66	x	1.0250	=	$9,019.30

grading of cul de sac

17 01 22 23 00-0557 0051 MOD For Equipment Without Operator, Deduct — -$628.02

	Quantity		Unit Price		Factor	=	Total
Installation	0.25	x	-2,450.80	x	1.0250	=	-$628.02

25% downtime

18 01 22 23 00-1395 MO 3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver — $11,805.95

	Quantity		Unit Price		Factor	=	Total
Installation	1.00	x	11,518.00	x	1.0250	=	$11,805.95

delivery of stormwater inlets and piping, delivery/relocating of form work and misc. concrete tools and small equipment.

19 01 22 23 00-1395 0039 MOD For Equipment Without Operator, Deduct — -$2,358.38

	Quantity		Unit Price		Factor	=	Total
Installation	0.25	x	-9,203.45	x	1.0250	=	-$2,358.38

20 01 22 23 00-1412 MO 3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver — $22,619.68

	Quantity		Unit Price		Factor	=	Total
Installation	2.00	x	11,033.99	x	1.0250	=	$22,619.68

daily use for moving arrow boards, hauling of material/equipment for constantly moving work areas.

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Contractor's Price Proposal - Detail Continues..

Work Order Number: 130844.00
Work Order Title: Town of Front Royal - Curb and Gutter

Proposal Name: Town of Front Royal - Curb and Gutter
Proposal Value: $428,343.38

	Sect.	Item	Modifer.	UOM	Description	Line Total
Labor	**Equip.**	**Material**	**(Excluded if marked with an X)**			

01 - General Requirements

21	01 22 23 00-1412		0039	MOD	For Equipment Without Operator, Deduct								-$2,318.58
						Quantity		Unit Price		Factor	=	Total	
					Installation	0.25	x	-9,048.11	x	1.0250	=	-$2,318.58	
					25% downtime								
22	01 22 23 00-1422			MO	6 CY Rear Dump Truck With Full-Time Truck Driver								$52,415.92
						Quantity		Unit Price		Factor	=	Total	
					Installation	4.00	x	12,784.37	x	1.0250	=	$52,415.92	
					4 trucks cycle hauling demolished material off site and new stone on site for duration								
23	01 22 23 00-1422		0039	MOD	For Equipment Without Operator, Deduct								-$1,415.03
						Quantity		Unit Price		Factor	=	Total	
					Installation	0.15	x	-9,203.45	x	1.0250	=	-$1,415.03	
					15% downtime								
24	01 22 23 00-1446			DAY	5,000 Gallon Vacuum Truck With Full-Time Truck Driver								$1,842.40
						Quantity		Unit Price		Factor	=	Total	
					Installation	1.00	x	1,797.46	x	1.0250	=	$1,842.40	
					for jet cleaning/flush the HDPE pipe after installation								
25	01 22 23 00-1480			MO	Truck Mounted Arrow Board								$3,251.22
						Quantity		Unit Price		Factor	=	Total	
					Installation	4.00	x	792.98	x	1.0250	=	$3,251.22	
					For duration, 2 arrow boards								
26	01 52 19 00-0003			MO	Portable Chemical Toilet								$471.46
						Quantity		Unit Price		Factor	=	Total	
					Installation	4.00	x	114.99	x	1.0250	=	$471.46	
					2 units for concurrent work in different areas for duration								
27	01 55 26 00-0030			MO	28" Cone With Reflective Collar								$1,140.83
						Quantity		Unit Price		Factor	=	Total	
					Installation	150.00	x	7.42	x	1.0250	=	$1,140.83	
					50 cones for duration protection work area from public								
28	01 55 26 00-0093			MO	Aluminum Sign And A Frame Stand								$666.17
						Quantity		Unit Price		Factor	=	Total	
					Installation	12.00	x	54.16	x	1.0250	=	$666.17	
					road work/work zone signage for the duration								
29	01 55 26 00-0126			EA	Placement And Removal Of Portable Sign And Stand From Roadside								$159.90
						Quantity		Unit Price		Factor	=	Total	
					Installation	100.00	x	1.56	x	1.0250	=	$159.90	
					daily set up and removal for work zone signage in moving work areas								

COPY

Contractor's Price Proposal - Detail Continues..

Work Order Number: 130844.00
Work Order Title: Town of Front Royal - Curb and Gutter

Proposal Name: Town of Front Royal - Curb and Gutter
Proposal Value: $428,343.38

	Sect.	Item	Modifer.	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)			

01 - General Requirements

30 01 71 13 00-0003 EA — Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' BedIncludes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc. — $20,361.91

	Quantity		Unit Price		Factor	=	Total
Installation	16.00	x	1,241.58	x	1.0250	=	$20,361.91

equipment mob/demob - skid steers, excavators, rollers, paving machine. 3 main work areas across town - load/deliver to each location

Subtotal for 01 - General Requirements **$296,661.54**

02 - Site Work

31 02 41 13 13-0021 SY — >6" To 9" By Machine, Break-up And Remove Bituminous Paving — $5,345.38

	Quantity		Unit Price		Factor	=	Total
Installation	250.00	x	20.86	x	1.0250	=	$5,345.38

Removal of asphalt for new curb & gutter layouts, new stormwater work

32 02 41 13 13-0027 SY — >6" To 9" By Machine, Break-up And Remove Non-Reinforced Concrete Paving — $2,578.90

	Quantity		Unit Price		Factor	=	Total
Installation	85.00	x	29.60	x	1.0250	=	$2,578.90

demo of existing curb and gutter, sidewalk, and handicap ramps to allow new installs of C&G/ramps/stromwater

Subtotal for 02 - Site Work **$7,924.28**

03 - Concrete

33 03 35 13 00-0004 SF — Broom, Concrete Floor Finish — $653.44

	Quantity		Unit Price		Factor	=	Total
Installation	750.00	x	0.85	x	1.0250	=	$653.44

All finishes for apron and sidewalk

34 03 35 13 00-0006 SF — Steel Trowel, Concrete Floor Finish — $3,358.93

	Quantity		Unit Price		Factor	=	Total
Installation	2,900.00	x	1.13	x	1.0250	=	$3,358.93

float/trowel finish all gutter

35 03 35 26 00-0002 SF — Ramp, Grooved Concrete Surface Finishing — $240.62

	Quantity		Unit Price		Factor	=	Total
Installation	75.00	x	3.13	x	1.0250	=	$240.62

closest equivalent to truncated domes or pavers to be installed at ADA ramps.

Subtotal for 03 - Concrete **$4,252.99**

31 - Earthwork

COPY

Contractor's Price Proposal - Detail Continues..

Work Order Number: 130844.00
Work Order Title: Town of Front Royal - Curb and Gutter

Proposal Name: Town of Front Royal - Curb and Gutter
Proposal Value: $428,343.38

	Sect.	Item	Modifer.	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)			

31 - Earthwork

36 31 05 16 00-0008 CY #57 Stone Aggregate Fill (3/8" To 1") $14,422.98

	Quantity		Unit Price		Factor		Total
Installation	240.00	x	58.63	x	1.0250	=	$14,422.98

21a compacted for all new concrete installations

37 31 13 13 00-0004 EA >12" To 24" D.B.H. (Diameter At Breast Height) Tree RemovalIncludes cutting up tree, chipping and loading. $1,620.05

	Quantity		Unit Price		Factor		Total
Installation	2.00	x	790.27	x	1.0250	=	$1,620.05

38 31 25 14 26-0008 LF 3' High Silt Fence with Stakes at 4' On Center $924.76

	Quantity		Unit Price		Factor		Total
Installation	260.00	x	3.47	x	1.0250	=	$924.76

Subtotal for 31 - Earthwork **$16,967.79**

32 - Exterior Improvements

39 32 12 16 13-0007 SY 3" Thick Bituminous Hot Mix Intermediate Binder CourseIncludes placement, rolling, finishing and sweeping. $4,219.97

	Quantity		Unit Price		Factor		Total
Installation	212.00	x	19.42	x	1.0250	=	$4,219.97

base course asphalt repair

40 32 12 16 13-0018 SY 3" Thick Bituminous Hot Mix Surface Wearing CourseIncludes placement, rolling, finishing and sweeping. $4,052.65

	Quantity		Unit Price		Factor		Total
Installation	212.00	x	18.65	x	1.0250	=	$4,052.64

base course asphalt repair

41 32 16 13 13-0002 LF 6" x 12" Cast In Place Concrete Curb $276.75

	Quantity		Unit Price		Factor		Total
Installation	25.00	x	10.80	x	1.0250	=	$276.75

CG-2

42 32 16 13 13-0020 LF 6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Straight $77,748.30

	Quantity		Unit Price		Factor		Total
Installation	2,940.00	x	25.80	x	1.0250	=	$77,748.30

CG-6 and CG-9 includes rolled curb modifier

43 32 16 13 13-0020 0084 MOD For Mountable Or Rolled Curb And Gutter, Add $719.55

	Quantity		Unit Price		Factor		Total
Installation	600.00	x	1.17	x	1.0250	=	$719.55

44 32 31 29 00-0027 LF Post And Rail Fence, 2 Rails, 3' High #1 Cedar $86.25

	Quantity		Unit Price		Factor		Total
Installation	0.00	x	20.46	x	1.0250	=	$0.00
Demolition	45.00	x	1.87	x	1.0250	=	$86.25

45 32 91 19 13-0011 SY Furnish And Place Imported Screened Topsoil, 2" Deep $2,924.33

	Quantity		Unit Price		Factor		Total
Installation	900.00	x	3.17	x	1.0250	=	$2,924.33

COPY

Contractor's Price Proposal - Detail Continues..

Work Order Number: 130844.00
Work Order Title: Town of Front Royal - Curb and Gutter

Proposal Name: Town of Front Royal - Curb and Gutter
Proposal Value: $428,343.38

	Sect.	Item	Modifer.	UOM	Description	Line Total
Labor	**Equip.**	**Material**	**(Excluded if marked with an X)**			

Subtotal for 32 - Exterior Improvements **$90,027.80**

33 - Utilities

46	33 01 30 11-0003		LF	Video Camera Inspection Of Pipe Interior Or Culvert		$375.15
				Quantity x Unit Price x Factor = Total		
			Installation	120.00 x 3.05 x 1.0250 = $375.15		
				CCTV of stormwater pipes following flush/jetting to ensure quality and free of obstructions/damage		
47	33 14 13 23-0435		LF	16" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe		$3,482.13
				Quantity x Unit Price x Factor = Total		
			Installation	120.00 x 28.31 x 1.0250 = $3,482.13		
48	33 14 13 23-0435	0053	MOD	For SDR 11, Add		$1,881.90
				Quantity x Unit Price x Factor = Total		
			Installation	120.00 x 15.30 x 1.0250 = $1,881.90		
				Typical SDR of storm drainage pipe		
49	33 42 31 00-0015		EA	6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin		$6,769.80
				Quantity x Unit Price x Factor = Total		
			Installation	2.00 x 3,302.34 x 1.0250 = $6,769.80		
				closest equivalent DI-1 drop inlet and DI-3B drain inlet		

Subtotal for 33 - Utilities **$12,508.98**

Proposal Total **$428,343.38**

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

COPY

Job Order Authorization

Date:	07/01/2024
Job Order #:	130844.00
Title:	Town of Front Royal - Curb and Gutter
Project Code:	130844
Contractor:	FHP Tectonics Corp
Contractor Number:	CTR025597
Job Order Value:	$428,343.38

To:	Keith Knicely Project Manager FHP Tectonics Corp	**From:**	Steve Scheulen Infrastructure Manager Town of Front Royal

This Job Order Number is issued pursuant to the Term Contract between Owner and Contractor for Job Order Contracting, DGS-30-515, CO-9JOC dated 1/13/21 which is incorporated herein by reference.

SCOPE OF WORK:

The scope of work for which construction services are to be performed under this Job Order is generally described as:

Repair and install curb and gutter.

Time for Completion:

The work shall be commenced on a date to be specified in a written order of the Owner and shall be Substantially Completed within No Data Input calendar days or no later than the Contract Completion Date which is 10/04/2024. The work shall be finally completed within thirty (30) days after the Substantial Completion of the Work.

Contract Documents:

In addition to the Contract Documents listed in the Term Contract for Job Order Contracting , the Contract Documents listed below shall be incorporated into this Job Order as if fully set forth herein:

- Detailed Scope of Work dated ...
- Drawings dated ...
- Specifications dated ...
- Any additional Job Order-specific documents ...

The General Conditions of the Construction Contract (CO-7) as supplemented by the Supplemental General Conditions for Job Order Contracting shall apply to all Work performed under this Job Order.

Contract Amount:

The Contractor agrees to perform all construction required for the completion of the above- described Scope of Work required by this Project Order for the lump sum amount of $428,343.38.

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Work Order Number: 130844.00
Work Order Title: Town of Front Royal - Curb and Gutter

"All RISK" BUILDER'S RISK INSURANCE:

This Project is **Owner Controlled During Construction**. Contractor shall procure and maintain "all-risk" Builder's Risk insurance as set forth in Section 12 of the General Conditions for a Site which is Owner controlled during construction.

Contractor	Owner
By: _____ *(Signature)* *(Date)*	By: _____ *(Signature)* *(Date)*
Name: _____	Name: _____
Title: _____	Title: _____
ATTEST: _____ *(Signature)* *(Date)*	ATTEST: _____ *(Signature)* *(Date)*

COPY

Job Order Contract

Job Order Proposal Request

Form CO-7b JOC DGS-30-525(Rev. 07/20)

Date: Jun 11, 2024

To: Keith Knicely
Project Manager
FHP Tectonics Corp

From: Steve Scheulen
Infrastructure Manager
Town of Front Royal

1. PROJECT IDENTIFICATION:

a. **Project Name:** Town of Front Royal - Curb and Gutter

b. **Project Number:** 130844

c. **Project Location:** Washington Avenue

2. TIME FOR COMPLETION:

a. **Project Start Date:** 08/12/2024

b. **Project Duration:** No Data Input

c. **Substantial Completion Date:** 10/04/2024

3. PROPOSAL DUE DATE

Dear Keith Knicely

The Job Order Proposal request consists of these instructions to the Contractor, the Detailed Scope of Work, and the project specific Special Conditions. The General Conditions, Supplemental General Conditions, and any other requirements of the Term Contract Between Owner and Contractor for Job Order Contracting shall apply unless specifically modified in the project specific Special Conditions.

COPY

Additional Requirements:

4. DETERMINATION OF RESPONSIBILTY

The Contractor shall be prepared, if so requested by the Owner, to present evidence of his experience, qualifications and financial ability to carry out the terms of the Job Order.

Prior to award of the Job Order, an evaluation will be made to determine if the Contractor has the capability, in all respects, to perform fully the contract requirements and the moral and business integrity and reliability which will assure good faith performance, and who has been prequalified, if required. Factors to be evaluated include, but are not limited to:

(a) sufficient financial ability to perform the contract as evidenced by the Contractor's ability to obtain payment and performance bonds from an acceptable surety;

(b) appropriate experience to perform the work described in the Detailed Scope of Work;

(c) any judgments entered against the Contractor, or any officers, directors, partners or owners for breach of a contract for construction;

(d) any substantial noncompliance with the terms and conditions of prior construction contracts with a public body without good cause where the substantial noncompliance is documented; or

(e) a conviction of the Contractor or any officer, director, partner, project manager,procurement manager, chief financial officer, or owner in the last five years of a crime relating to governmental or nongovernmental construction or contracting;

(f) any current debarment of the Contractor, any officer, director or owner, from bidding or contracting by any public body of any state, any state agency, or any agency of the federal government.

5. ATTACHMENTS:

a. Detailed Scope Of Work

b. Other Documentation

c. Other Documentation

COPY

Front Royal Curb and Gutter

Detailed Scope of Work

- Manage traffic in accordance to VDOT standards.
- Temporary removal and reinstallation of signage interfering with work.
    - Utilities interfering will result in pausing work to discuss with Owner.
- Removal and disposal of (2) 22'' pine trees located on the Washington Ave. cul-de-sac.
- Install new cul-de-sac at the end of Washington Ave as indicated on drawings.
    - All grading per drawings including area for future driveway.
    - Grade to be left below gutter line for future asphalt by others.
    - Furnish and install silt fence as indicated on drawings.
- Removal of wooden fencing located on Jamestown Rd. cul-de-sac.
- Demolish and dispose of all specified pavement, curb and gutter and sidewalk as indicated on drawings.
    - Includes any saw cutting of asphalt necessary to install new curb and gutter.
    - Includes any excavation of soil necessary to install new curb and gutter.
- Install new curb and gutter, rolled curb, aprons and sidewalk in accordance with specifications.
    - Includes finishes.
    - Asphalt patches as needed from curb and gutter work will be base course only.
        - Finish course by others.
    - Any soil excavated during installation of curb and gutter will be backfilled.
        - Includes seeding of grass where necessary.
        - Compaction of dirt.
- Install ADA handicap ramps at the intersection of Luray Ave and Sherwood Ave.
- Extension of existing concrete sidewalks and driveways to newly installed curb and gutter as indicated on drawings.
    - Includes concrete apron for concrete driveways being extended.
    - Includes finishes.
- Install new 15'' HDPE stormwater piping with curb inlet and drain inlet as indicated on drawings.
    - Includes asphalt patching for curb inlet and drop inlet.
    - Includes trenching for installation of piping.
        - Includes required backfill and asphalt for trench fill.
    - Includes Jetting and CCTV of Pipe

COPY

FHP TECTONICS CORP.
2010 Corporate Ridge Suite 400, McLean, VA 22102
p. 703.245.0280 **f.** 703.245.0281 | www.fhpaschen.com

- Install rip rap in areas as indicated in drawings.

Exclusions:

- Testing and Inspections
  - Backfill/base compaction
  - Concrete testing
- Survey
- Stakeout
- Permits
- Off hours work

COPY

Memo

Town of Front Royal Public Works

TO: **Michelle Campbell, Manager of Purchasing**

FROM: **Steve Scheulen, Infrastructure Manager**

CC: **BJ Wilson, Director of Finance**

DATE: **July 10, 2024**

RE: **Curb & Gutter Project Proposal**

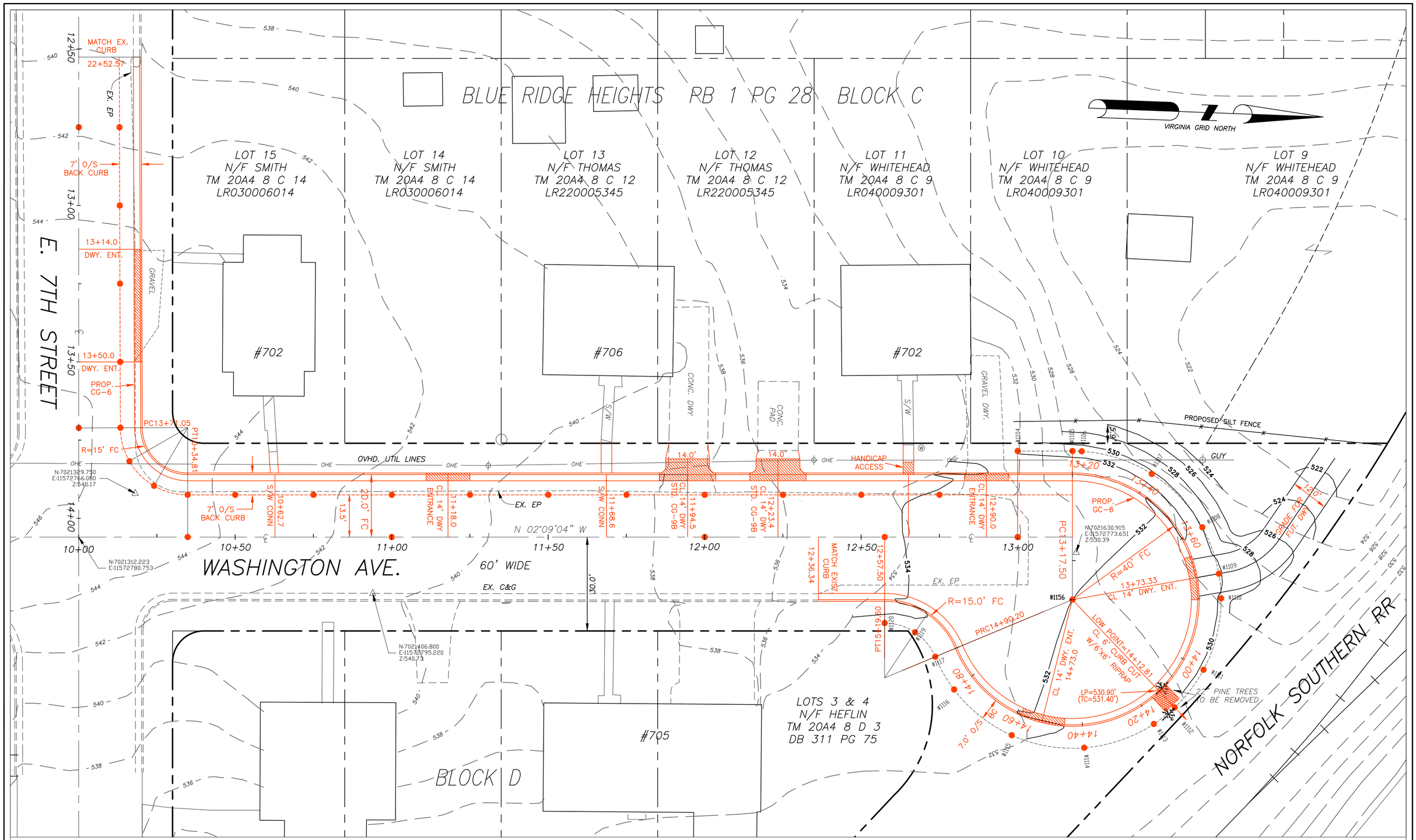
Public Works review of the Curb & Gutter project proposal provided by F.H. Paschen is approved to move forward. The detailed price proposal covers items outlined in the Scope of Work. Total project cost is $449,760.55 with funding available using PO# 30834 and 30573.

Steve Scheulen, Infrastructure Manager

Steve Scheulen

Robert Boyer, Director of Public Works

Robert K. Boyer





NOTES:

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4. VERTICAL DATUM = NAVD88

JOB No. 24-F112

THE LOCATION OF UNDERGROUND UTILITY LINES SHOWN HEREON IS BASED PARTLY ON INFORMATION WHICH MAY OR MAY NOT BE ACCURATE AND/OR COMPLETE. VERIFY ALL UTILITY LOCATIONS WITH TEST PITS PRIOR TO CONSTRUCTION AND NOTIFY THE DIRECTOR OF PUBLIC WORKS IMMEDIATELY OF ANY DISCREPANCIES.

DIG WITH CARE: va811.com 1-800-552-7001

LEGEND

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- SAN 6" EXIST. SAN. SEWER LINE
- SL 4" EX. SAN. SEWER LATERAL
- E E EX. OVERHEAD UTIL. LINES
- PROPERTY LINE
- CENTERLINE STREET R/W
- PROPOSED DRIVEWAY ROLLED CURB
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- WATER METER
- CLEAN OUT (CO)
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- NAIL SET
- 520 EXIST. 2-FT CONTOUR
- 520 PROP. 2-FT. CONTOUR

CURB & GUTTER STAKEOUT WORKSHEET

E. 7TH STREET – BELAIR AVE. WASHINGTON AVENUE

TOWN OF FRONT ROYAL, VIRGINIA

0′ 20′ 40′ 60′

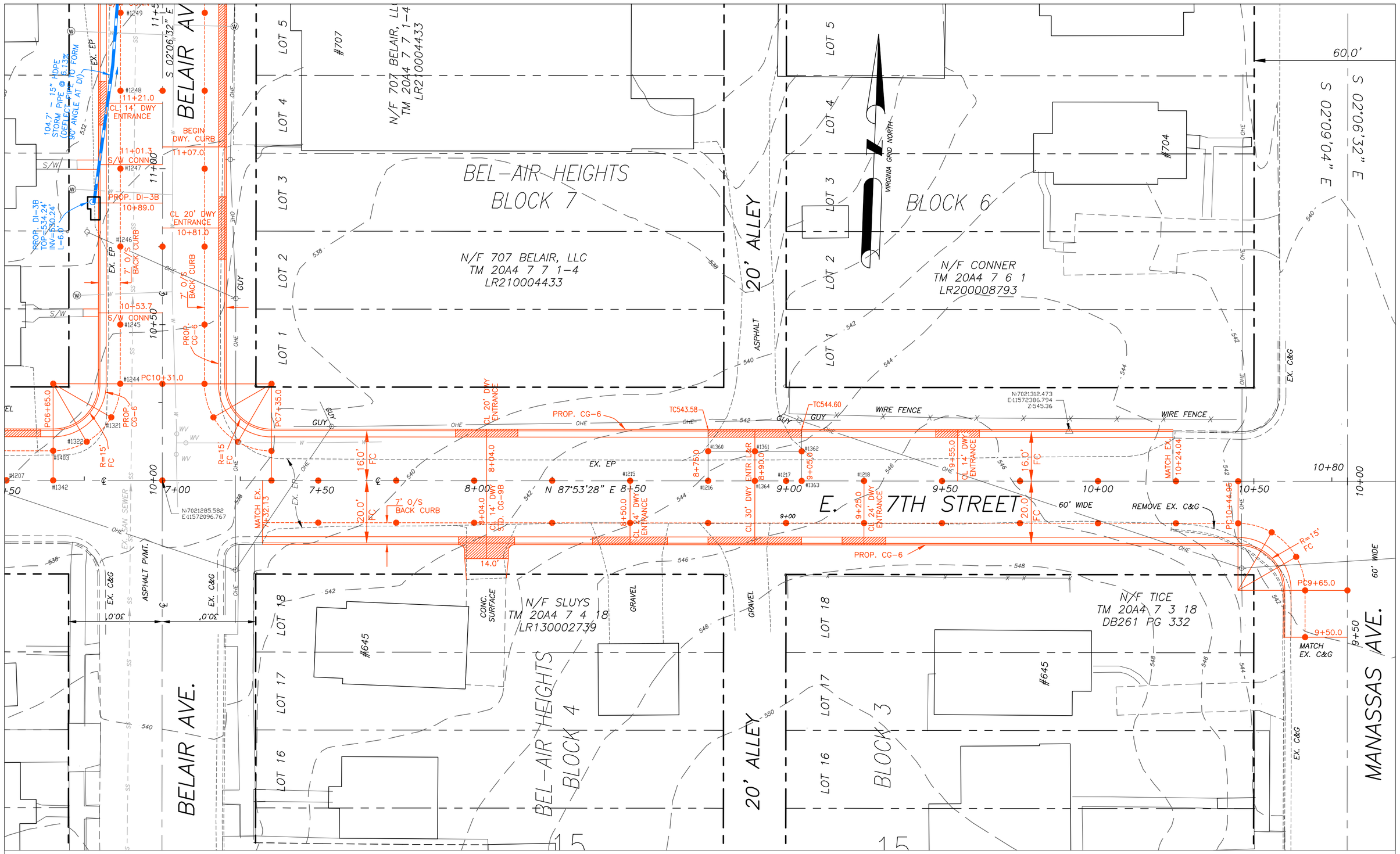
DATE: 31 MAY 2024

SCALE: 1" = 20'

DRAWING No. BM-233

SHEET No. 1 OF 3

Measure & Map, LLC – P.O. Box 1508 – Front Royal, Va. 540-683-6878



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COMMONWEALTH OF VIRGINIA
DARRYL G. MERCHANT
Lic. No.1606
LAND SURVEYOR

JOB No. 24-F112

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- NAIL SET
- 520 — EXIST. 2-FT CONTOUR
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CURB & GUTTER STAKEOUT WORKSHEET

E. 7TH STREET – BELAIR AVE. WASHINGTON AVENUE

TOWN OF FRONT ROYAL, VIRGINIA

0' 20' 40' 60'

DATE: 31 MAY 2024

SCALE: 1" = 20'

DRAWING No. BM-233

AHWWT 2 OF 3

Measure & Map, LLC – P.O. Box 1508 – Front Royal, Va. 540-683-6878

VIRGINIA GRID NORTH

E. 7TH STREET

N 87°53'28" E

30.0'

END C&G 5+54.18

BEL-AIR HEIGHTS
BLOCK 8

LOT 14 | LOT 13 | LOT 12 | LOT 111

LOT 1 | LOT 2 | LOT 3 | LOT 4

LOTS 1 & 2
N/F MORRISON
TM 20A4 7 8 1& 2
LR150000948

LOTS 3 & 4
N/F LOFTIES
TM 20A4 7 8 1 & 4
LR990000675

LOT 5A
N/F SEAL
TM 20A4 7 8 5A
LR090001584

EX. EP

EX. C&G

EX. INLET

EX. STM. MH
TOP=523.59'
INV=519.35'

NORFOLK SOUTHERN RAILWAY

20' ALLEY

N:7021263.515
E:11571980.735
Z:534.23

7' O/S BACK CURB

CL 6' CURB CUT W/6'X6' RIPRAP

LOW POINT=5+87.5

60' WIDE

ASPHALT PVMT.

16.0' FC

CL 25' DWY. ENT. 6+48.5

GRAVEL

#702 | #706 | #710

EX. 18" RCP STORM DRAIN

STA. 11+92.83
BEGIN TRANSITION LEFT SIDE
BEGIN 20' TO 16'

PC12+50.46
END TRANSITION LEFT SIDE
BEGIN 16.0'

END C&G 5+53.0

PT13+23.43

13+97.82

PC6+65.0

R=15' FC

PROP. CG-6

PROP. DI-3B
TOP=534.24'
INV=530.24'
L=6.0'

104.7' - 15" HDPE STORM PIPE @ 6.13% (DEFLECT PIPE TO FORM 90° ANGLE AT DI)

EX. GRAPE ARBOR

PROPOSED SILT FENCE

PROP. DROP INLET
16.7'LT STA.11+93.2
TOP=528.70' INV=523.82'
(MATCH INVERT EXIST 18" RCP)
(REMOVE EX. 18" RCP WITHIN MH)

PT13+42.03
END C&G 5+42.03

13+50

EX. SAN SEWER

ASPHALT PVMT.

10+00 | 10+50 | 11+00 | 11+50 | 12+00 | 13+00

S 02°06'32" E

BELAIR AVE.

CL R=155.00'

REMOVE EX G&G

N:7021285.582
E:11572096.767

MATCH EX. 7+32.13

PC7+35.0

LOT 18 | LOT 1 | LOT 2 | LOT 3 | LOT 4 | LOT 5 | LOT 6

#707

N/F 707 BELAIR, LLC
TM 20A4 7 7 1-4
LR210004433

EXIST. DROP INLET

CONCRETE SURFACE

LOT 6A
N/F DERFLINGER & POWELL
TM 20A4 13 6A
LR080007766

#711

N:7021671.537
E:11572049.464
Z:533.28

COMMONWEALTH OF VIRGINIA
DARRYL G. MERCHANT
Lic. No.1606
LAND SURVEYOR

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CURB & GUTTER STAKEOUT WORKSHEET

E. 7TH STREET - BELAIR AVE. WASHINGTON AVENUE

TOWN OF FRONT ROYAL, VIRGINIA

0' 20' 40' 60'

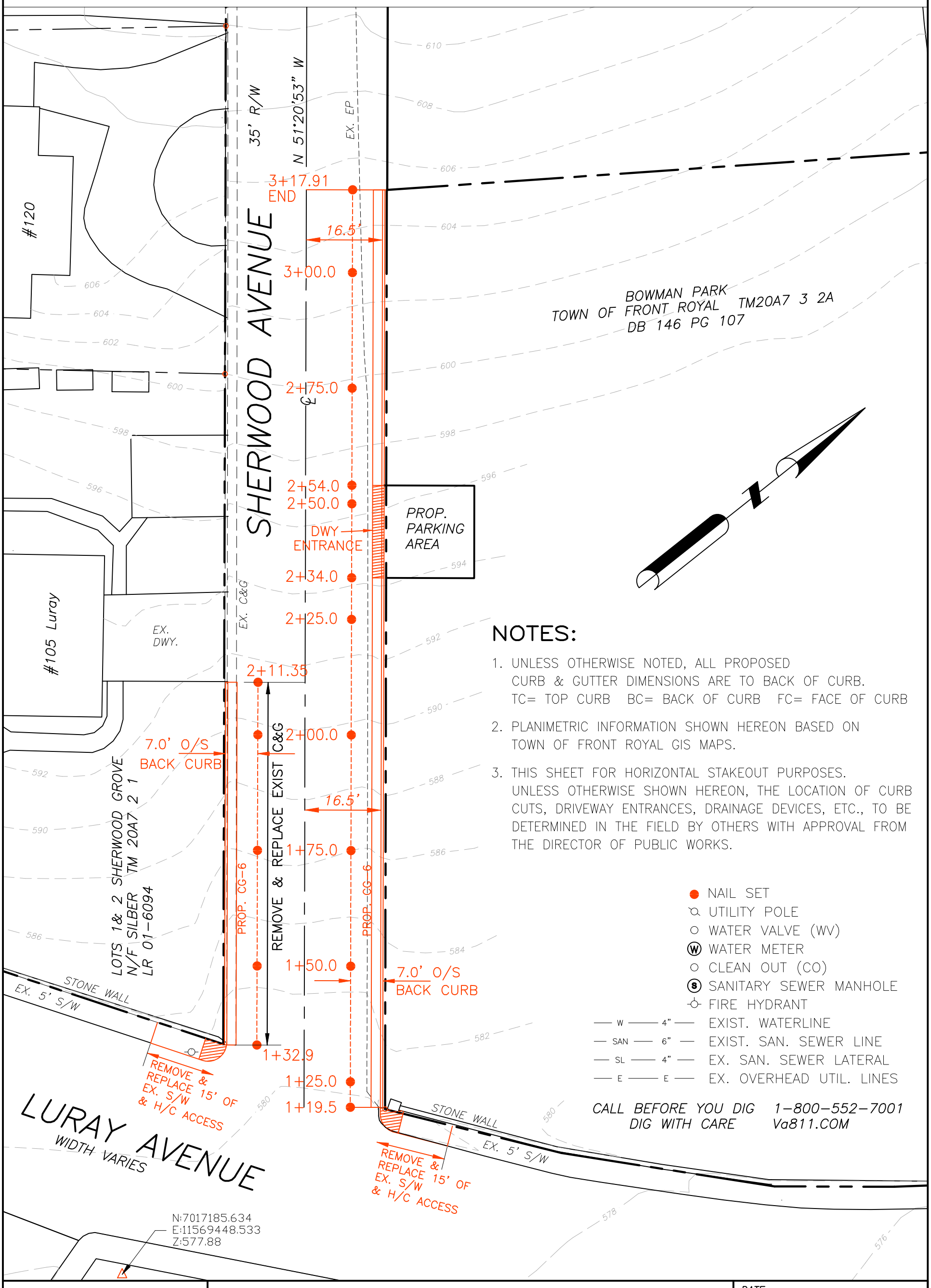
DATE: 31 MAY 2024

SCALE: 1" = 20'

DRAWING No. BM-233

SHEET No. 3 OF 3

Measure & Map, LLC - P.O. Box 1508 - Front Royal, Va. 540-683-6878



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CALL BEFORE YOU DIG 1-800-552-7001
DIG WITH CARE Va811.COM

Measure & Map, LLC
P.O. BOX 1508
FRONT ROYAL, VA 22630
540-636-4949

JOB #24-F113

CURB & GUTTER STAKEOUT WORKSHEET

SHERWOOD AVENUE

AT LURAY AVENUE

TOWN OF FRONT ROYAL, VIRGINIA

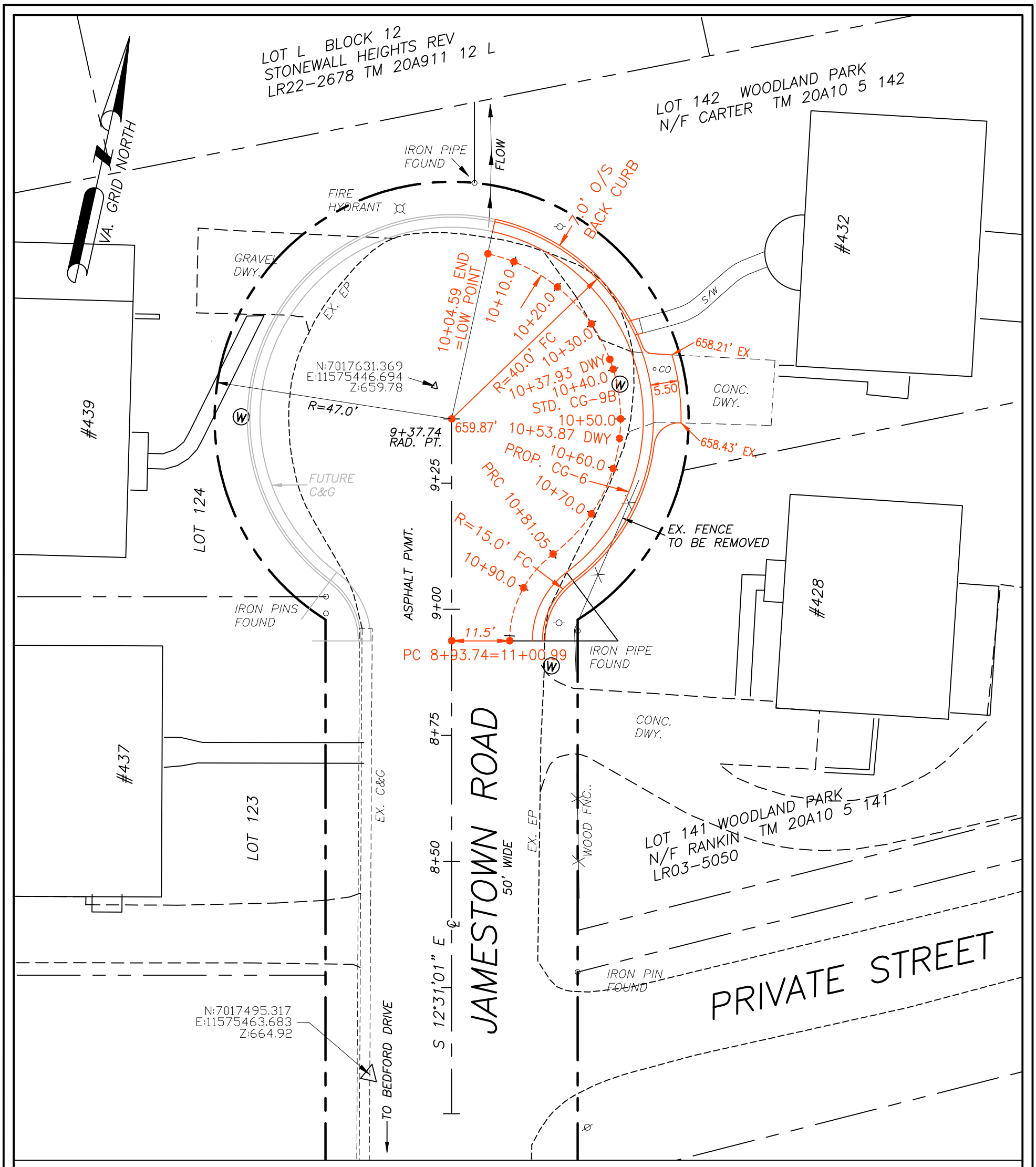
0' 20' 40' 60'

DATE: 1 JUNE 2024

SCALE: 1" = 20'

DRAWING No. BM-234

SHEET No. 1 OF 1



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DIG WITH CARE Va811.COM

Measure & Map, LLC
P.O. BOX 1508
FRONT ROYAL, VA 22630
540-636-4949

JOB #24-F110

CURB & GUTTER STAKEOUT WORKSHEET

JAMESTOWN ROAD

CUL-DE-SAC

TOWN OF FRONT ROYAL, VIRGINIA

0' 20' 40' 60'

DATE: 1 JUNE 2024

SCALE: 1" = 20'

DRAWING No. BM-235

SHEET No. 1 OF 1

COUNCIL REGULAR WORK SESSION
AGENDA STATEMENT

Meeting Date: August 5, 2024 Item# 3D

Agenda Item: Resolution Requesting Additional Healthcare Providers

Summary: Council received a copy of a resolution from Melanie Salins, requesting additional healthcare providers and services for the Town of Front Royal and Warren County at their Regular Meeting held July 22, 2024. Mayor Cockrell has asked that it be placed on tonight's work session for discussion.

Budget/Funding: N/A

Staff Recommendation: Council takes desired action

RESOLUTION REQUESTING ADDITIONAL HEALTH CARE PROVIDERS AND SERVICES FOR THE TOWN OF FRONT ROYAL AND WARREN COUNTY

WHEREAS, this board values the health and welfare of its citizens and recognizes the growing need for locally accessible, affordable, and timely healthcare.

WHEREAS, this board acknowledges their constituent's concerns about the lacking certain medical services, long wait times, billing/coverage/expense related issues, and burdensome travel to access care outside of Front Royal/Warren County.

WHEREAS, the March of Dimes, a United States 501(c)3 non-profit that works to improve the health of mothers and babies, recognized as an expert on matters pertaining to said health of mothers and babies, has now identified portions of the Shenandoah Valley as being a "maternity desert" (https://www.vpm.org/news/2024-06-26/page-county-virginia-maternity-pregnancy-care-desert-shenandoah-valley); this by definition means women and babies are at an increased risk, this board recognizes the need for services in Front Royal/Warren County. In consideration of the removal of women's care in 2018, and that no known action has been taken to reintroduce women's care, this board acknowledges the need to explore alternative options to ensure the needs of our women and babies are adequately met.

WHEREAS, this board recognizes that our lack of certain medical services is resulting in higher frequency of medical transport to facilities outside of our area; this board acknowledges that medical transport comes with additional risk and expense.

WHEREAS, data provided by Weldon Cooper as of January 2024 shows the post-pandemic increase in remote work has resulted in migration out of Northern Virginia and into rural neighboring communities. (https://www.coopercenter.org/research/amid-slow-population-growth-virginias-demographic-landscape-being-transformed)This board acknowledges the need for medical services will continue to grow as our population, and the population of neighboring counties, increases.

WHEREAS, the process by which to obtain a COPN is expensive and time consuming, this board wishes to assert their intention of welcoming new healthcare services into the locality.

WHEREAS, Front Royal/Warren County is ideally situated in the Shenandoah Valley at the intersection of two major highways (66 East/West and 81 North/South) and multiple byways (route 340, route 522, and route 55); this board believes our prime location would strategically draw patients from neighboring rural communities to help serve their healthcare needs as well.

COPY

WHEREAS, this board recognizes that removing barriers to care has been proven to result in better health outcomes long term; we believe expanding local healthcare opportunities would be beneficial to our community.

Let it hereby be resolved that this board publicly and formally states its desire to expand the medical care available in Front Royal/Warren County, and we encourage providers to begin the processes needed to do so.

COPY

COUNCIL REGULAR WORK SESSION
AGENDA STATEMENT

Meeting Date: August 5, 2024 Item# 4A

Agenda Item: Town Council Goals Update

Summary: Staff to provide an update and progress on goals established during the FY23 & FY24 Retreat to include an updated Goals & Action Plan.

Budget/Funding: N/A

Staff Recommendation: For Information Only

Council Goals Update

Joseph Waltz

Town Manager

8/5/2024

FY23 Goals Update

Land Use Planning

Update Zoning Ordinance to meet current Town needs

1. Approve the Comprehensive Plan
   ✓Completed August 28, 2023

2. Rewrite the Zoning and Subdivision Ordinances
   - Currently under review with Planning Commission

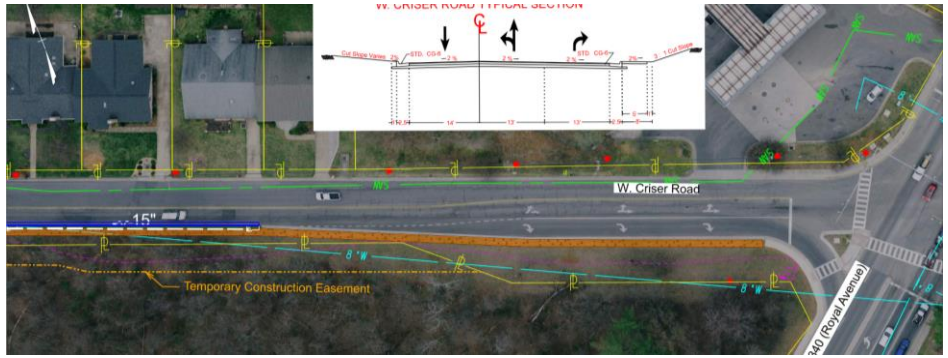
Walkability

Safe Walking Route from School to Greenway

Construct a sidewalk on W. Criser Road

1. Preliminary Engineering and Cost Estimates
   ✓Completed in June 2023
2. Applied for Federal Grant called TAPS
   ✓Completed in July 2023
3. Grant Approval for $2.5 M
   ✓Awarded July 1, 2024
4. Construction

West Criser Road Sidewalk Project



- Total Cost for Construction
  - $3,148,912.00
- Project ~ Skyline Vista to Rte. 340
- VDOT Transportation Alternative Program (TAP)
  - Funding is 80/20
  - VDOT Administers Project
  - 3 yrs. ~ Construction

FY24 Goals Update

Promote Community and Economic Well-being

1. Strategy to increase code enforcement by October 1, 2024

2. Develop and implement a strategy that will address blight
   - Work session on March 3, 2024
   - Future work session in Aug/Sept 2024

3. Provide FREDA a revenue source or funding by December 31, 2024

Practice Good Governance

1. Production and distribution of an Annual Report by April 1, 2024
   - ✓ Completed on April 1, 2024

2. Develop and administer a community satisfaction survey by November 2024

3. Sponsor an Open House Event by December 1, 2024
   - ✓ Completed on June 22, 2024

Practice Good Governance (cont.)

4. Sponsor Initiatives such as a Citizen Academy by Sept. 2024

5. Promote recent FY24 Council Retreat by all media
   - ✓ Completed April 1, 2024

6. To improve communications w/ quarterly newsletter
   - ✓ Completed April 1, 2024

Sustain our Infrastructure

1. Complete the Leach Run Parkway by December 31, 2024

2. Identify a secondary water source for the Town by December 31, 2024
   - McKay Springs Development ~ August 12th work session

Sustain our Infrastructure (cont.)

3. Prioritize enhancements in water, sewer, electric, and solid waste
   A. Complete redundant waterline by October 1, 2024
      - Currently on schedule to complete by December 31, 2024

   B. Develop a plan of action to make repairs to both clearwells
      ✓ Completed on July 23, 2024

   C. Continue to invest and address aging sewer system for I&I
      - Ongoing with over $2M in piping, manhole rehab, and pipe replacement

Plan of Action ~ Clearwell Repair/Rehab

- Total Project Cost
  - $ 1,455,000.00
    - Clearwell #1 ~ $695,000
    - Clearwell #2 ~ $760,000

- Currently in design and bid specs with CHA
    - To be completed by Spring 2025

- Construction in July 2025
  - Needs to be funded in FY 25-26 Budget

Questions?

Thank you for your time.

COUNCIL REGULAR WORK SESSION
AGENDA STATEMENT

Meeting Date: August 5, 2024 **Item# 4B**

Agenda Item: Town Projects Update

Summary: Staff to provide an update/summary on current Town projects

Budget/Funding: N/A

Staff Recommendation: For Information Only

Town Projects Update

Joseph Waltz

Town Manager

August 5, 2024

Agenda

- Highlights of Active Projects
  - Water/Sewer Projects (Enterprise Funds)
  - Streets/Bridge/Sidewalk Projects (General Fund)
- Other projects

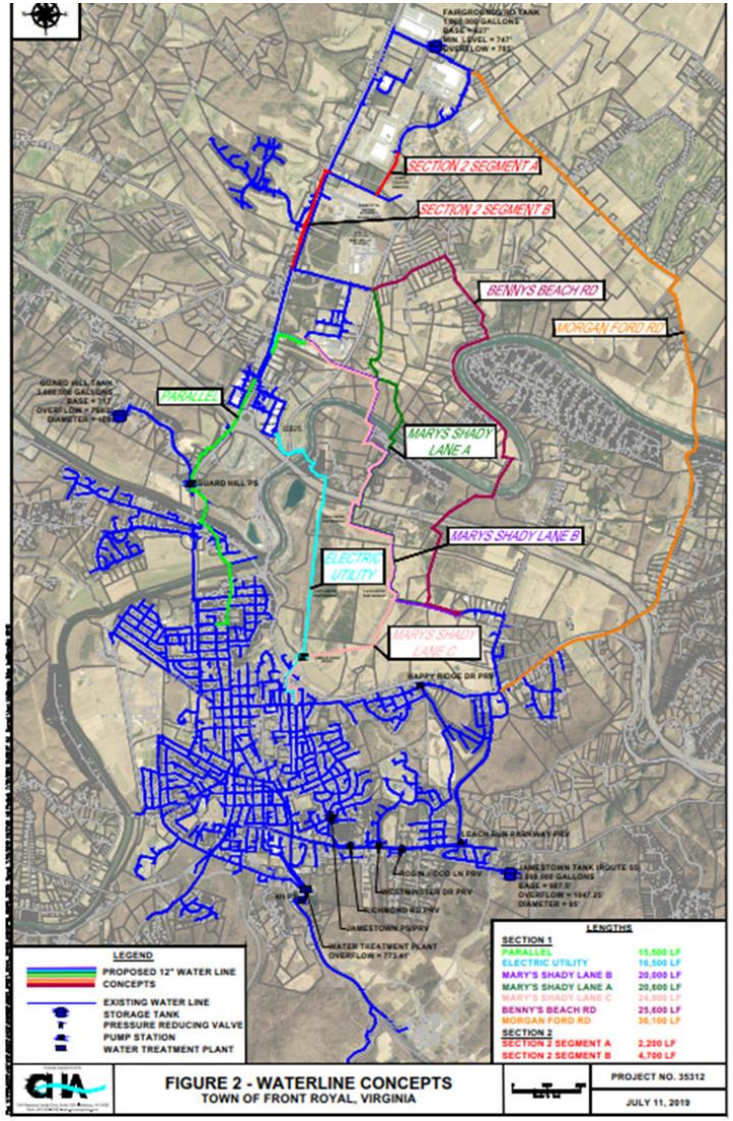


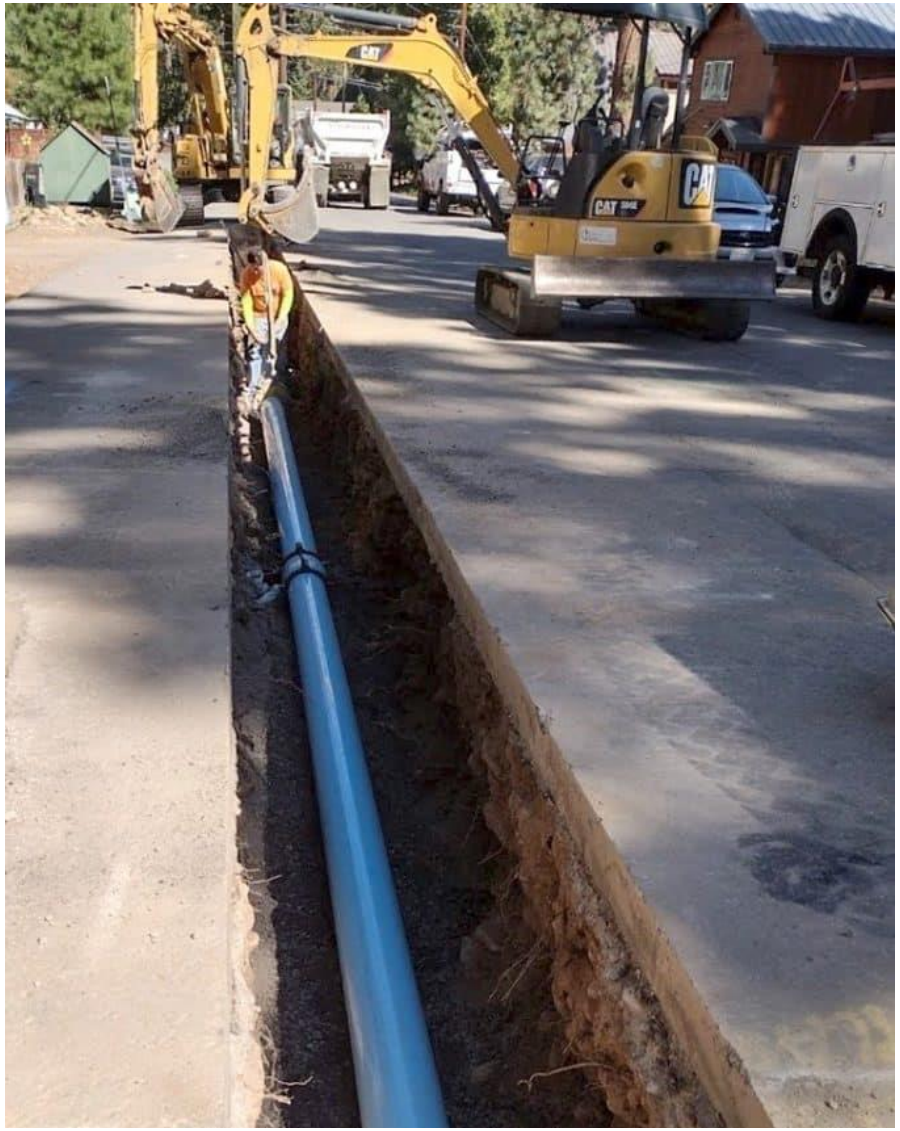
Water/Sewer Projects

Redundant Water Line Project

- Total Project Cost
  - $18,000,000.00

- Project
  - Started ~ Jan 2023
  - Target Completion ~ Dec 2024





N. Royal Ave Waterline Upgrade Project

- Between N. Commerce and W. 6th Street
- Replacement of 12” Line
- Estimated Cost of Replacement
  - $1,000,000.00



Wastewater Treatment Plant Influent Pumps

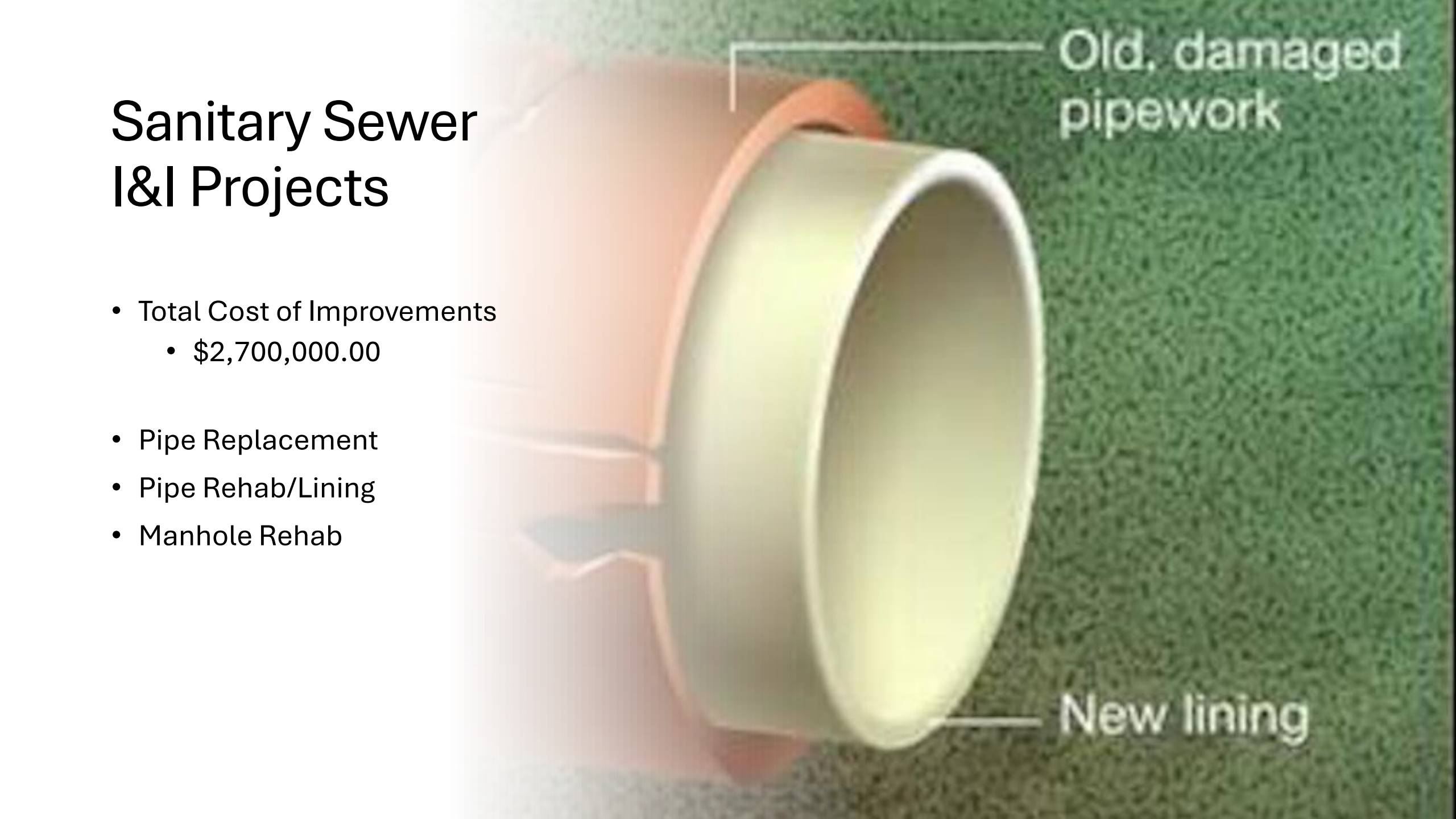
- Total Cost of Improvement
  - $ 959, 401.00
- Originally installed 1976
- Replacement of all 4 pumps
- Project Est Completion
  - Oct/Nov 2024



Sanitary Sewer I&I Projects

- Total Cost of Improvements
  - $2,700,000.00

- Pipe Replacement
- Pipe Rehab/Lining
- Manhole Rehab





McKay Springs Water Source Development

- Natural Spring
  - Produces approx. 700,000 gpd
- Possible 2nd Water Source
  - Use of ground wells
- Next Step
  - Site Evaluation
    - Preliminary Site Development
    - Well Site Identification
    - Test Wells
    - Cost Estimates

Water Treatment Plant ~ Clearwell Rehab Project



- Total Cost of Improvement
  - $1,455,000.00
    - Clearwell #1 ~ $695,000
    - Clearwell #2 ~ $760,000
- Currently in design and bid spec
- Construction ~ July 2025

Streets/Bridges/Sidewalks



E. Prospect Steet Bridge

- Constructed in 1937
- Total Cost for replacement
  - $1,644,975.00
- VDOT Revenue Sharing 50/50
  - Fall 2024
  - Design Complete
  - Construction ~ Jan 25



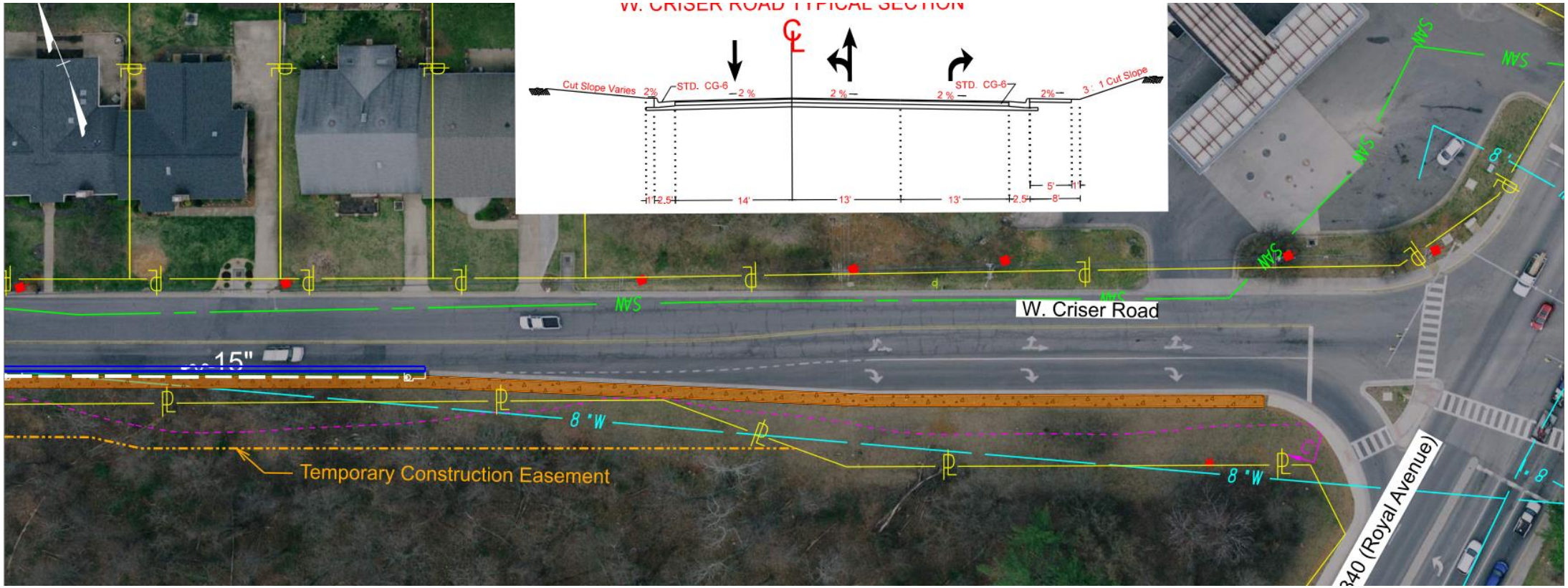
E. 8th Street Bridge

- Constructed in 1965
- Total Cost for replacement
  - $2,754,758.00
- VDOT Revenue Sharing 50/50
  - Final Design ~ August 2024
  - Bid Advertisement ~ Oct 2024
  - Bid Award ~ November 2024



South Street Improvement Project

- Total Cost for Improvements
  - $3,241,482.00
- VDOT Smart Scale Project
  - 100% funded
  - Prelim Engineering ~ Sept 2024
  - Construction ~ 2026
-



West Criser Road Sidewalk Project

- Total Cost for Construction
  - $3,148,912.00
- VDOT Transportation Alternative Program (TAP)
  - Funding is 80/20
  - VDOT Administers Project
  - 3 yrs. ~ Construction

N. Shenandoah Ave Street Light Project

- Total Cost of Improvement
  - $1,552,121.00

- VDOT Revenue Sharing 50/50
  - Fall 2024
  - Project starts ~ Jan 2025





North Commerce Ave Paving Project

- N. Commerce Ave
  - From N. Royal Ave to 4th Street
- Total Cost of Project
  - $ 570,000.00
- VDOT Primary Extn
  - 80/20 program
- Completed by August 2024

Street Paving Projects

- East 7th Steet
  - Between Belair Ave to Dead end
- Washington Ave
  - Between E. 6th Street to Dead end
- Manassas Ave
  - Between E. 6th Street to Railroad
- N. Royal Ave
  - Between N. Commerce to E. 6th St.
- N. Commerce Ave
  - Between E. 2nd Street to E. 4th Street
- W. 6th Street
  - Between N. Royal Ave to Kendrick Lane
- Randolph Ave
  - Between E. 6th Street to Dead end

Other Hwy Projects

- Secondary Paving
  - Virginia Ave
    - Between W. 8th St. to W. 11th St.
    - Between W. 11th St. to W 14th S
  - Cherry Street
    - Between Sherwood to Grand
- New Sidewalks
  - Virginia Ave
    - Between W. 8th St. to W. 11th St.
    - Between W. 11th St. to W 14th St.
- Curb and Gutter
  - Virginia Ave
    - Between W. 8th St. to W. 11th St.
    - Between W. 11th St. to W 14th St.
  - Cherry Street
    - Between Sherwood to Grand

Other Projects



New Fleet/Maintenance Building

- Total Cost of Construction
  - $2,455,000
- Two Phases
  - 1st Phase ~ Completed
  - 2nd Phase ~ Dec 2024

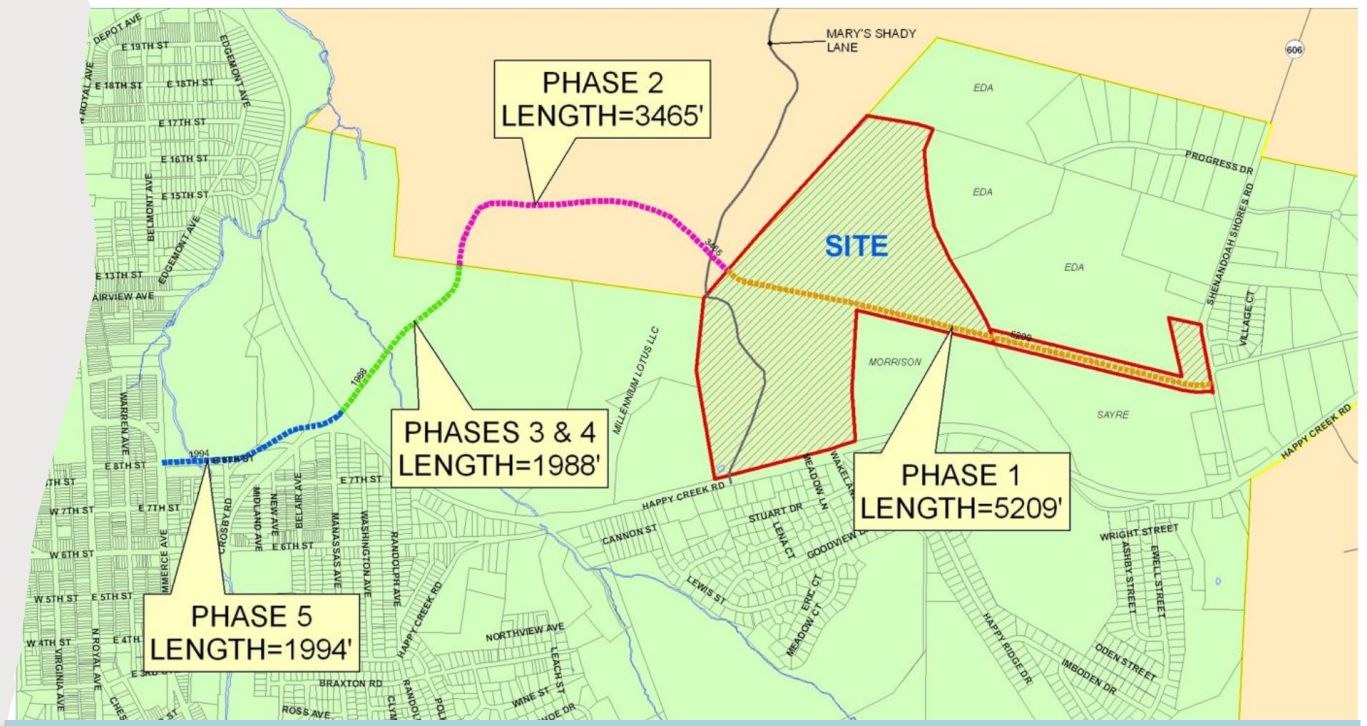
McKay Springs ~ Development

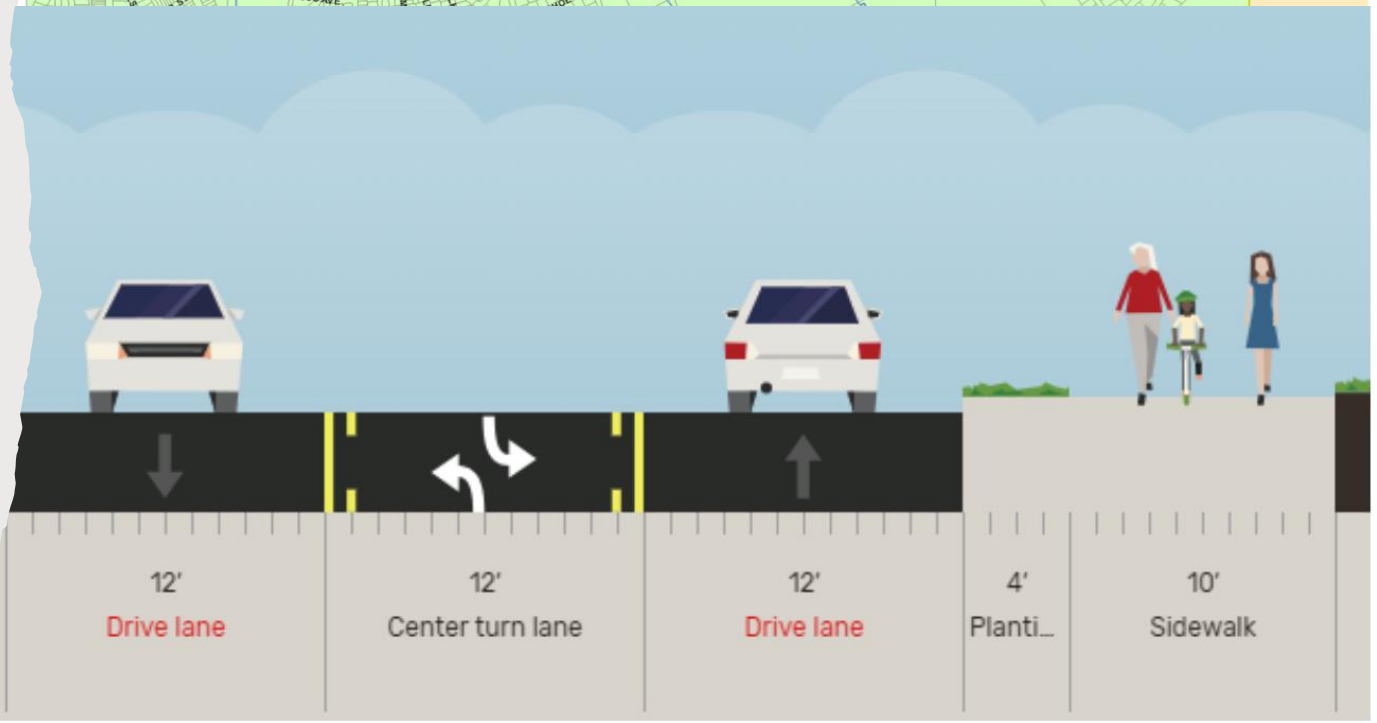
- Joint Development w/ County
- Four parcels
  - 12 26 D ~ 9.03 ac. (Town/County)
  - 12A 113 1-14 ~ 2.06 ac. (County)
  - 12A 111 3 ~ 0.95 ac. (Town/County)
  - 12 69 ~ 3.419 ac. (Town) McKay Springs



East/West Connector Road

- VDOT Technical Memo
  - October 2023
- 2.5-mile, 3 lane road
- Estimated Cost of Construction
  - $30,000,000.00







Happy Creek Road Phase II Project

- Total Cost of Improvements
  - $ 19,370,000.00

- VDOT Smart scale program
  - Submitted ~ August 1, 2024
  - Approval/Denial ~ Spring 2025
  - If approved ~ Construction 2030/31

Questions?

Thank you for your time!

CLOSED MEETING
AGENDA STATEMENT

Meeting Date: August 5, 2024 Item# 05

MOTION ON TO GO INTO CLOSED MEETING

[to be approved by affirmative recorded vote, with motion set forth in detail in the minutes]

I move that Town Council convene a closed meeting, pursuant to Sections 2.2-3711 and 2.2-3712 of the Code of Virginia, for the following purpose:

1) pursuant to §2.2-3711(A)(1) of the Code of Virginia, for the discussion, consideration, assignment, appointment, promotion, performance, demotion, salaries, disciplining or resignation of specific public officers, appointees, or employees of any public body, more specifically the Clerk of Council, Town Attorney, Planning Commission, Board of Zoning Appeals (BZA) and Local Board of Building Code Appeals (LBBCA) and,

2) pursuant to Section 2.2-3711(A)(8) of the Code of Virginia, for consultation with legal counsel employed or retained by a public body regarding specific legal matters requiring the provision of legal advice by such counsel, specifically Valley Health System PILOT fees and,

3) pursuant to Section 2.2-3711(A)(7) of the Code of Virginia, 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 public body, more specifically, Town of Front Royal v. Front Royal Limited Partnership and Town of Front Royal v. Jennifer McDonald and,

4) pursuant to Section 2.2-3711(A)(3) of the Code of Virginia, 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, more specifically Town-owned property in the vicinity of W. Duck Street and Winchester Road.

Motion to Certify Closed Meeting at its Conclusion

[At the conclusion of the Closed Meeting, immediately re-convene in open meeting and take a roll call vote on the following:]

I move that Council certify that to the best of each member's knowledge, as recognized by each Council member's affirmative vote, that only such public business matters lawfully exempted from Open Meeting requirements under the Virginia Freedom of Information Act as were identified in the motion by which the Closed Meeting was convened were heard, discussed or considered in the Closed Meeting by Council, and that the vote of each individual member of Council be taken by roll call and recorded and included in the minutes of the meeting of Town Council.

Moved _____ ***Seconded*** _____

VM Sealock _____ ***Ingram*** _____ ***Morris*** _____ ***Rappaport*** _____ ***DeDomenico-Payne*** _____ ***Wood*** _____