



TOWN COUNCIL REGULAR WORK SESSION

Monday, February 5, 2024 @ 7:00pm

Town Hall Conference Room

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

7:00pm 1. Roll Call

2. Consent Agenda Items for February 26th

- A. Request for the Waiver of Fees for the Revolutionary War Soldiers Memorial Project on the Warren County Courthouse Grounds by the Warren County VA250 Revolutionary War Commemoration Committee and Resolution of Support - *Matt Wendling WC Planning Director/County Floodplain Manager*
- B. Purchase of a Utility Compactor (Asphalt Roller) — *Michelle Campbell*
- C. Purchase of a Wheel Loader & FY24 Budget Reallocation — *Michelle Campbell*

7:30pm 3. New Business

- A. Proposed Ordinance Amendment to Revise the Personal Property & Real Estate Tax Due Dates - *Wilsc.n*
- B. Joint Transportation Committee

8:00pm 4. Old Business

- A. Out-of-Town Utility Connection Application from the Catholic Diocese of Arlington and Warren County Board of Supervisors — *Joe Waltz*

8:30pm 5. CLOSED MEETING

6. Adjourn



COUNCIL REGULAR WORK SESSION AGENDA STATEMENT

Meeting Date: February 5, 2024

Item# 02A

Agenda Item: Request for the Waiver of Fees for the Revolutionary War Soldiers Memorial Project on the Warren County Courthouse Grounds by the Warren County VA250 Revolutionary War Commemoration Committee and Resolution of Support

Summary: Council has received a letter from Planning Director Matt Wendling on behalf of the Warren County VA250 Revolutionary War Commemoration Committee (VA250) requesting waivers for the Certification of Appropriateness (COA) fee of \$100.00 and the Zoning Permit Fee of \$100.00 for the Revolutionary War Soldiers Memorial Project on the Warren County Courthouse Grounds, that upon completion would include a granite memorial bench, two monuments, an access walkway to the bench and landscaping.

Mr. Wendling is also requesting a Resolution of Support from Council in conjunction with the waiver request as a partner in this commemoration project and events related to Virginia's celebration of the 250th anniversary of the American Revolution, the Revolutionary War and US Independence in the Commonwealth of Virginia.

The County of Warren has applied for a Virginia Tourism Commission 250th Grant to assist with this project.

Budget/Funding: 1000-3130306 General Fund Zoning Income

Staff Recommendation: Council takes desired action under the consent agenda on February 26th

Greetings Joe, Tina and Town Council Members,

I've attached the packet for the Council to review regarding the County's request for a waiver of the \$100 BAR and \$100 Zoning Permit fees. The County invites the Council to partner with us for this project by passing a resolution of support in conjunction with the waiver request. Since the Town of Front Royal was incorporated in 1788 prior to the establishment and founding of Warren County 1836 it would make sense to include the Town as a partner in this commemoration project and events relating to the State of Virginia's celebration of the 250th anniversary of the American Revolution, the Revolutionary War and US Independence in the Commonwealth of Virginia. We respectfully request that the Council waive the fees and hope that the Town considers participating in the semi-quincentennial celebration of the 250th Revolution project honoring the soldiers of the Town of Front Royal and Warren County, Virginia.

Sincerely,
Matt

Matt Wendling, CFM

Planning Director/County Floodplain Manager
County of Warren Planning and Zoning Dept.
220 N. Commerce Ave. Suite 400
Front Royal, VA 22630
(540)-636-3354 Ext. 325

From: Leslie Bowery <LBowery@warrencountyva.gov>
Sent: Friday, January 26, 2024 10:33 AM
To: Matt Wendling <Mwendling@warrencountyva.gov>
Subject: BAR Fee Waiver

Hello and Good Morning,

The County of Warren has applied for a Virginia Tourism Commission VA250th Grant to place a bench with the names of the soldiers from Warren County that served in the American Revolution. The bench would be placed on the county courthouse property with an accessible walkway and landscaping around it. We are asking for the fee to be waived for the project.

Thank you very much for this consideration.

Leslie Bowery

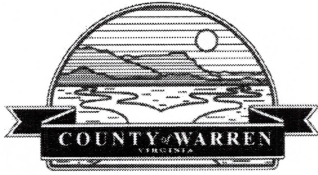


Leslie Bowery
Tourism Manager

County of Warren, Virginia
220 North Commerce Avenue, Suite 100
Front Royal, Virginia 22630
540-252-0050
www.warrencountyva.gov

Where history, nature and family come together.

COUNTY OF WARREN



Department of Planning and Zoning
Warren County Government Center
220 North Commerce Avenue, Suite 400
Front Royal, Virginia 22630
Phone: (540) 636-3354
Facsimile: (540) 636-4698
Email: mwendling@warrencountyva.gov

Matthew P. Wendling, CFM
Planning Director
County Floodplain Manager

December 13th, 2023

Town of Front Royal – Town Council and BAR
Attn: Joe Waltz – Town Manager and John Ware – Deputy Zoning Administrator
102 E. Main St., Front Royal

**RE: Town of Front Royal Board of Architectural Review and Request for Letter of Support for Warren County VA250 Revolutionary War Commemoration Committee
Revolutionary War Soldiers Memorial Project at Warren County Courthouse**

Dear Mr. Waltz and Mr. Ware,

I'm submitting our application on behalf of the committee to review our proposed project to place a granite memorial bench, two monuments, an access walkway to the bench and landscaping for the site located on the Warren County Courthouse grounds. Since this is a community project, we would like to involve the Town as a stakeholder in the project which benefits us for a Virginia Tourism Corporation – Virginia American Revolution 250 Commission grant and allows for the Town to provide in-kind contributions to the project. Our committee is requesting a waiver of the \$100 fee for the Board of Architectural Review and the zoning permit fee of \$100 as required by the Town Planning and Zoning office since this is a public project within the Town's Historic Overlay District on County property, this would be considered as a contribution to the project.

In addition to this request, we hope that the Town Council will be open to passing a resolution of support and providing our committee with a letter stating that affirmation of support. Since we do have separate tourism offices serving the Town and County, we are applying for the grant through our tourism department. We welcome you to form a local committee to partner with us in the efforts to host and commemorate events in the next few years. The information on forming your own committee can be found on Virginia 250 – A Revolution of Ideas 1776-2026 website; [Virginia American Revolution 250 Commemoration - Committees \(va250.org\)](http://Virginia American Revolution 250 Commemoration - Committees (va250.org)) A primary goal of the Commission is to convene and facilitate a multi-year series of robust events, including three national signature events annually through 2026 and dozens of Virginia-specific signature events that mark key anniversaries and events across every corner of the state.

Thank you for your time and consideration of this request and I look forward with working with the Town Planning staff on this matter.

Sincerely,

Matt Wendling, *County Planning Director*

Cc: Leslie Bowery, *County Tourism Manager*

CHAIR, Vicky L. Cook
Fork District

VICE CHAIR, Cheryl L. Cullers
South River District

Jerome K. Butler
Happy Creek District

Walter J. Mabe
Shenandoah District

Delores R. Oates
North River District

Dr. Edwin C. Daley
County Administrator

Dr. Joseph Warren: American Patriot and Martyr and Warren County
Namesake: Commemorative Event Recognizing his Birth and Death

Details: June 12th, 2023 11:00AM

Warren County Government Center

220 N. Commerce Ave. Suite 400

Front Royal, VA 22630

Category: Ceremony

Description:

The annual event is held to honor the Dr. Joseph Warren, namesake of Warren County who epitomized true courage and patriotism in the years leading up to the American Revolution. This event recognizes both his birth date June 11th, 1741 and the day that he perished at the Battle of Bunker Hill on June 17th, 1775 giving his last full measure of devotion to the cause he so passionately believed in for freedom and liberty from tyranny. The County flag will be lowered to half-staff at the Warren County Government Center and County facilities for the week.

The event will include a benediction and speeches honoring Dr. Warren by Larry Johnson descendant of Revolutionary War Soldier, aka Able Johnston- Liberty Man and County dignitaries. The Colonel James Wood, II Chapter of Virginia Society of the Sons of the American Revolution will appear as a Color Guard for the event which will also include a 21-gun salute with flintlocks. The lowering of the Warren County flag to half-staff will culminate the closing of the ceremony. The general public and children of all ages are invited.

Contact: Matt Wendling, Warren County Planning Director

540-636-3354

mwendling@warrencountyva.gov



37 Miller Road
Edinburg, VA 22824
October 31, 2023

Mr. Matt Wendling
Planning Director/County Floodplain Manager
County of Warren Planning and Zoning Dept.
220 N. Commerce Ave. Suite 400
Front Royal, VA 22630

Dear Mr. Wendling,

I am pleased to provide this letter in support of Warren County's proposed Virginia 250th Memorial project to be located on the County's Courthouse grounds.

Other conflicts are already recognized by markers on the Courthouse grounds. But, currently, the only memorial to soldiers and patriots of the American Revolution on the property is a footstone marker dedicated in May 1990. It has been determined to be a gift to Warren County from the Front Royal Chapter, Virginia Daughters of the American Revolution. As a gift, the marker belongs to Warren County. As an interested party, we have no objection to moving it to a more visible and prominent setting co-located with the SAR's proposed bench in a Virginia 250 memorial. It is a natural fit for the DAR and SAR.

The spot recommended for installation of this simple, respectful memorial, is near the other markers already in place. The proposed spot is also along an existing, paved walkway, often visited by the public. To co-locate the marker with the bench in this setting would be a positive action, one that would bring more attention to the memorial by the increased foot-traffic. It is an appropriate way to recognize and honor those Warren County patriots who helped make it possible for us to celebrate America's 250th birthday.

Sincerely,

Susan M. Walls
State Historian
Virginia Daughters of the American Revolution











COUNTY OF WARREN, VIRGINIA

BOARD OF SUPERVISORS AGENDA ITEM

DATE 10/18/2022	ITEM	SUBJECT: Resolution by the Warren County Board of Supervisors: <i>Support of the Virginia America 250 Commission to Commemorate the 250th Anniversary of the American Revolutionary War</i>	PAGE 1 of 1
EXPLANATION & SUMMARY: In 2020 the Virginia General Assembly established the Virginia American revolution 250 Commission (aka VA250) whose mission is to commemorate the 250 th anniversary of the American Revolution and the Revolutionary War to win independence of the nation. They have been tasked to promote and assist Counties, Cities and Towns to form local committees and partnerships in order to participate in grant funding opportunities for commemorative events, exhibitions, and educational resources. The following links provide additional information about the organization and events. History - Virginia American Revolution 250 Commemoration - VA250 Virginia American Revolution 250 Commemoration - VA250 Facebook use the hashtag #va250 Please see attached resolution.			
PROPOSED OR SUGGESTED MOTION: I move that the Board of Supervisors approve the attached resolution in support of the Virginia America 250 Commission and form a local committee to recognize, promote and commemorate the 250 th anniversary of the American Revolution and Revolutionary War for Independence in the County of Warren, Virginia.			
SUBMITTED BY: Matt Wendling, CFM Planning Director County Floodplain Manager	DISPOSITION OF BOARD: ☐ APPROVED ☐ OTHER (Describe)		PROCESSED BY:

COUNTY OF WARREN



County Administrator's Office
Warren County Government Center
220 North Commerce Avenue, Suite 100
Front Royal, Virginia 22630

Phone: (540) 636-4600

Facsimile: (540) 636-6066

Email: edaley@warrencountyva.gov

Dr. Edwin C. Daley
County Administrator

BOARD OF SUPERVISORS

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Dr. Edwin C. Daley
County Administrator

MEMO TO: Matt Wendling, Planning Director

FROM: Emily M. Ciarrocchi, Deputy Clerk of the Board *el*

SUBJECT: VA250 Resolution

DATE: October 20, 2022

The Board of Supervisors, at its regular meeting on October 18, 2022, adopted the proposed resolution in support of the Virginia America 250 Commission and further authorized the formation of a local committee to recognize, promote, and commemorate the 250th anniversary of the American Revolution and Revolutionary War for Independence in the County of Warren, Virginia.

COPY

RESOLUTION



of the Board of Supervisors of Warren County Relating to the Support of the Virginia America 250 Commission to Commemorate the 250th Anniversary of the American Revolutionary War for Independence and the Birth of Our Nation

WHEREAS the Board of Supervisors of Warren County, Virginia ("the County") is dedicated to the furtherance of economic development and tourism in the County of Warren, Virginia; and

WHEREAS the Virginia America 250 Commission (VA250) was created in 2020 by the General Assembly for the purpose of preparing for and commemorating the 250th anniversary of Virginia's participation in American independence; and

WHEREAS VA250 has requested that each locality form a committee to aid in planning for the commemoration period; and

WHEREAS Warren County, Virginia will form a local VA250 committee that will plan and coordinate programs occurring within the locality and communicate regularly with VA250; and

WHEREAS the Board of Supervisors wishes to undertake this endeavor with VA250 to promote and commemorate this important historic milestone; and

WHEREAS this Commission will include the recognition of the County's namesake Major General Dr. Joseph Warren as a major contributor in the fight for freedom and honor his sacrifice in giving his last full measure of devotion to the cause of liberty; and

WHEREAS the Commission will recognize other local soldiers and patriots such Brigadier General Daniel Morgan, Thomas Allen, Daniel Cloud, Samuel Cox, Reuben Finnell, Philip Gatewood, John Honaker, William H. Jacobs, James Markham Marshall, Thomas Marshall, Alexander Mathews, John A. McDonald, Samuel M. Richardson, William Richardson, Henry VanMeter, Jr., and other whose names may have been lost to time but whose deeds will always be remembered.

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of Warren County, Virginia:

1. The Board of Supervisors hereby desires to support the Virginia America 250 Commission and their efforts to commemorate the 250th anniversary of Virginia's participation in American War for Independence, Liberty and self-governance; and
2. Dr. Edwin C. Daley, County Administrator, will form a committee to aid in the planning for the commemoration period.

The Resolution shall be effective immediately.

CERTIFICATE

The undersigned Dr. Edwin C. Daley, Clerk of the Board of Supervisors of Warren County, Virginia, hereby certifies the foregoing constitutes a true and correct copy of a Resolution Relating to the Support of the Virginia America 250 Commission Recitals was adopted at a regular meeting duly held and called on October 18, 2022, for which proper notice was given. A record of the roll-call vote by the Board is as follows:

Name	Aye	Nay	Abstain	Absent
Cheryl L. Cullers, Chair	✓			
Delores R. Oates, Vice Chair	✓			
Jerome K. "Jay" Butler	✓			
Victoria L. "Vicky" Cook	✓			
Walter J. "Walt" Mabe	✓			

Adopted: October 18, 2022

Cheryl L. Cullers
Chair, Board of Supervisors

ATTEST:

Edwin C. Daley
Clerk to the Board of Supervisors

Delivered



1048 Horseshoe Drive
Front Royal, Va. 22630
September 28, 1987

22 635-2989

Mr. Ron George,
County Administrator
Warren County
22 South Royal Ave.
Front Royal, Va. 22630

Dear Mr. George:

On the Courthouse Lawn, there are Monuments in Memory of the soldiers of World War I and II, Civil War, Vietnam and Korean Wars.

But there is no monument in memory of the Revolutionary Soldiers and Patriots who were the founders of this nation.

The members of our Chapter want permission to place a marker on the lawn in memory of the Revolutionary Soldiers and Patriots. It doesn't have to be any larger than a footstone approx. 2 x 3 ft, and could be flush with the ground.

Each year when they have Memorial Services, our members feel like a bunch of dumb clucks sitting up there, with no memorial monument to place our wreath, when really, there wouldn't be any United States of America if it were not for them.

Would you take necessary steps to try to get this permission for us, or advise me who I should see to do this. Anything you can do for me will be appreciated. Various members of our chapter have talked to members of the Board of Supervisors, and I believe you are the starting point.

Sincerely,

Mrs. Marion V. Baylis (Morgan)

Mrs. Marion V. Baylis, Organizing Regent of
Front Royal Chapter DAR.



J. RONALD GEORGE
County Administrator

COUNTY OF WARREN

P.O. BOX 908
FRONT ROYAL, VIRGINIA 22630
(703) 636-9973

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STUART L. RUDACILLE

October 16, 1987

MEMO TO: Board of Supervisors

FROM: J. Ronald George, County Administrator *RG*

SUBJECT: Request for Revolutionary War Monument

As you know Section 15.1-270 of the Virginia Code provides for the approval of certain war memorials on Courthouse Squares (see copy of attached law). This law does not provide for the erection of memorials to American Revolutionary soldiers and, according to Bill Hall, Judge Robinson feels that it would not be permissible to place such a memorial on the Courthouse Square without proper authority.

Therefore, it would appear that the first step in this process, should the Board wish to proceed, would be to attempt to have State law changed to add some reference to the American Revolution to Section 15.1-270 of the Code of Virginia.

Attachment

JRG:jd

COUNTY OF WARREN

P.O. BOX 908
FRONT ROYAL, VIRGINIA 22630
(703) 636-9973

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J RONALD GEORGE
County Administrator

October 21, 1987

The Honorable Raymond R. Guest Jr.
Virginia House of Delegates
27 S. Royal Avenue
Front Royal, Virginia 22630

Dear Andy:

The Warren County Board of Supervisors has received a request from the Front Royal Chapter of the Daughters of the American Revolution to place a marker on the Courthouse lawn in memory of Revolutionary War Soldiers and Patriots (see attached letter from Marion Baylis). Bill Hall has discussed this request with Judge Robinson and the Judge is of the opinion that Section 15.1-270 of the Virginia Code (copy attached) would need to be amended in order to allow such a marker or memorial.

The Warren County Board of Supervisors, at their regular meeting of October 19, 1987, voted to ask you to introduce legislation at the upcoming session of the General Assembly to amend this Section in order to permit Revolutionary War monuments and memorials to be erected on the same basis as other war memorials.

We would appreciate your assistance on this matter. Please feel free to call me if you have questions or if there is anything more you need from me regarding this request.

Sincerely yours,

J. Ronald George
J. Ronald George
County Administrator

Attachments

JRG:jd

cc: Senator William A. Truban
Warren County Board of Supervisors
Mrs. Marion V. Baylis

Amended State Code

§ 15.1-270. Memorials for war veterans. --- The circuit court of any county may, with the concurrence of the governing body of the county entered of record, authorize and permit the erection of Revolutionary War, War of 1812, Mexican War, Confederate, Spanish-American War, World War I, World War II, Korean War and Viet Nam War monuments or memorials upon the public square of such county at the county seat. If such are erected it shall be unlawful for the authorities of the county, or any other person or persons, to disturb or interfere with any monuments or memorials so erected, or to prevent the citizens of the county from taking proper measures and exercising proper means for the protection, preservation and care of same.

The governing body may appropriate a sufficient sum or sums of money out of the funds of the county to complete or aid in the erection, in the public square or elsewhere at the county seat, of monuments or memorials to the county's veterans of such wars. The governing body may also make a special levy to raise the money necessary for the completion of any such monuments or memorials, or the erection of monuments or memorials to such veterans, or to supplement the funds already raised or that may be hereafter raised by private persons, the American Legion or other organizations, for the purpose of building such monuments or memorials; and it may also appropriate, out of any funds of such county, a sufficient sum or sums of money permanently to care for, protect and preserve such monuments or memorials and may expend

the same thereafter as other county funds are expended. (Code 1950, § 15-696; 1962, c. 623; 1982, c. 19; 1988, c. 284.)

The 1982 amendment rewrote this section so as to include reference to the Korean War and the Viet Nam War, making the words

"monument" and "memorial" plural throughout.

The 1988 amendment rewrote this section.



J. RONALD GEORGE
County Administrator

COUNTY OF WARREN

P.O. BOX 908
FRONT ROYAL, VIRGINIA 22630
(703) 636-9973

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JOHN M. WARREN

July 27, 1988

Mrs. Marion V. Baylis
1048 Horseshoe Drive
Front Royal, Virginia 22630

Dear Mrs. Baylis:

This is to confirm that the Warren County Board of Supervisors has given its permission for the placement of a marker in memory of Revolutionary Soldiers and Patriots on the Courthouse lawn. This approval is subject to the approval of the specific design and location by a committee made up of Bill Hall, you and me. It would also have to be approved by the Circuit Court.

It would probably be appropriate for Bill Hall and I to meet with you to go over your specific proposal. Please give me a call so that we can arrange for a mutually convenient time for us to meet.

Sincerely yours,


J. Ronald George
County Administrator

JRG:jd

cc: Bill Hall

IMPORTANT

DELIVERED

1048 Horseshoe Drive
Front Royal, Va. 22630
November 25, 1988

Mr. Douglas W. Napier, Esquire
Counsel for Warren County, Virginia
NAPIER & NAPIER, Attorneys at Law
P.O. Box 932-10 Court House Square
Front Royal, Va. 22630

Subject: Revolutionary War Marker

Dear Mr. Napier:

I talked with you recently about the Revolutionary War Marker. As I understand from Mr. Hall, the next step is the petition to be composed by you and sent to the Circuit Judge (according to the one you composed regarding the Korean War and Vietnam War Memorial)

The petition is just 3 short pages, and could be typed in a very short time. Anything you can do to hasten it will be very much appreciated. Kindest regards.

Sincerely,



Mrs. Margaret P. Baylis, Member of the Committee
Front Royal DAR Chapter

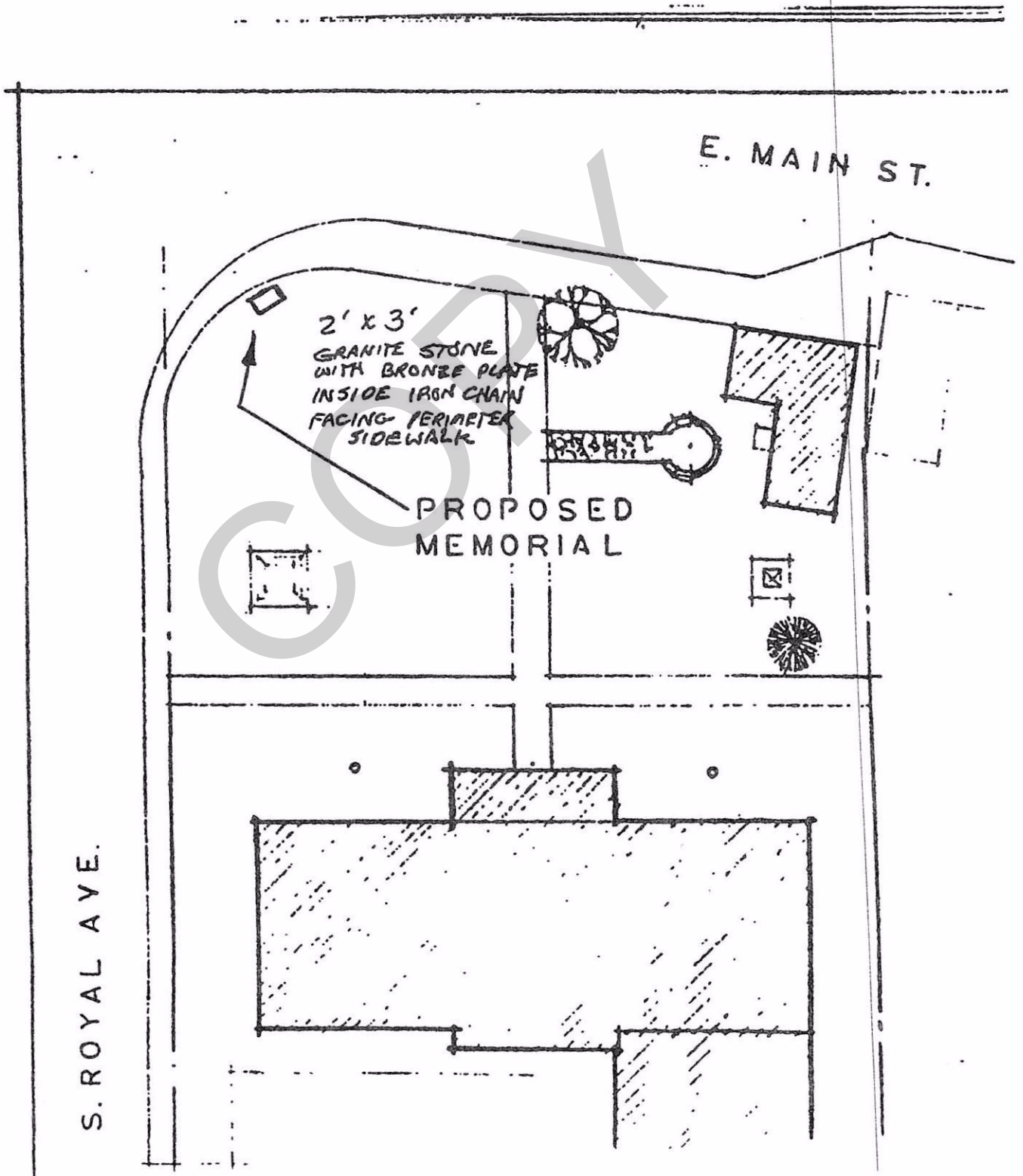
copies:

Other members of the committee:

Mr. J. Ronald George
Mr. William A. Hall

Att: (1) Korean and Vietnam Petition
(2) DAR Proposed Memorial placement

P.S. I would appreciate hearing from you - thanks so much.



E. MAIN ST.

2' x 3'
GRANITE STONE
WITH BRONZE PLATE
INSIDE IRON CHAIN
FACING PERIMETER
SIDEWALK

PROPOSED
MEMORIAL

S. ROYAL AVE.

Virginia State Code

Chapter 66. American Revolution 250 Commission.

§ 30-421. (Expires July 1, 2032) American Revolution 250 Commission; purpose.

The American Revolution 250 Commission (the Commission) is established in the legislative branch of state government. The purpose of the Commission is to commemorate the 250th anniversary of the American Revolution, the Revolutionary War, and the independence of the United States.

2023, cc. [655](#), [656](#).

§ 30-422. (Expires July 1, 2032) Membership; terms; vacancies; chairman and vice-chairman.

A. The Commission shall have a total membership of 27 members that shall consist of five legislative members, 17 nonlegislative citizen members, and five ex officio members. Members shall be appointed as follows:

1. Two members of the Senate, to be appointed by the Senate Committee on Rules;
2. Three members of the House of Delegates, to be appointed by the Speaker of the House of Delegates in accordance with the principles of proportional representation contained in the Rules of the House of Delegates;
3. One representative from each of the lead commemoration partners: the Jamestown-Yorktown Foundation, the primary state agency; the Virginia Museum of History & Culture, the primary nonstate agency; and Gunston Hall, the primary representative of Virginia's historic homes and related sites;
4. One representative from the American Battlefield Trust, the secretariat of the United States Semiquincentennial Commission, and one representative from the Virginia Bar Association;
5. Six members appointed by the Governor from a list of 10 provided by the Jamestown-Yorktown Foundation; and
6. Six members appointed by the Governor from a list of 10 provided by the Virginia Museum of History & Culture.

The Secretary of Education, the Librarian of Virginia, the Director of the Department of Historic Resources, the Executive Director of Virginia Humanities, and the Chief Executive Officer of the Virginia Tourism Authority, or their designees, shall serve as ex officio members with voting privileges. Nonlegislative citizen members of the Commission shall be citizens of the Commonwealth.

B. The Commission shall elect a chairman and vice-chairman from among its membership.

C. Legislative members of the Commission shall serve terms coincident with their terms of office. Nonlegislative citizen members shall be appointed for the duration of the Commission's activities. Appointments to fill vacancies shall be for the unexpired terms. Vacancies shall be filled in the same manner as the original appointments.

2023, cc. [655](#), [656](#).

§ 30-423. (Expires July 1, 2032) Quorum; meetings.

A majority of the members shall constitute a quorum. The meetings of the Commission shall be held at the call of the chairman or whenever a majority of the members so request.

2023, cc. [655](#), [656](#).

§ 30-424. (Expires July 1, 2032) Compensation; expenses.

Legislative members of the Commission shall receive such compensation as provided in § [30-19.12](#). Nonlegislative citizen members of the Commission shall not receive compensation or reimbursement for travel and other expenses incurred in the performance of their duties.

2023, cc. [655](#), [656](#).

§ 30-425. (Expires July 1, 2032) Powers and duties of the Commission.

A. The Commission shall have the following powers and duties:

1. Formulate and implement a program for the inclusive observance of the 250th anniversary of the independence of the United States and the Revolutionary War in Virginia, including (i) civic, cultural, and historical education and scholarship concerning the ideals of the American Revolution and their contemporary relevance; (ii) visitation of museums and historic sites, including battlefields; (iii) creation and publication of historical documents and studies; (iv) cooperation with agencies responsible for the preservation or restoration of historic sites, buildings, art, and artifacts; (v) establishment of exhibitions and interpretive and wayfinding signage; (vi) arrangement of appropriate public ceremonies; (vii) a comprehensive marketing and tourism campaign encompassing calendar year 2025 through calendar year 2026; and (viii) the general dissemination of public information regarding Virginia's involvement in the American Revolution and its legacy today;

2. Appoint and establish an advisory council composed of nonlegislative citizen members at large who have a knowledge of relevant history or expertise in areas useful to the work of the Commission, including a representative of the Sons of the Revolution in the Commonwealth of Virginia, a representative of the Virginia Daughters of the American Revolution, and a representative of the National Washington-Rochambeau Revolutionary Route Association. The advisory council shall make recommendations and provide comment as requested by the Commission. The Commission may from time to time appoint, add, or remove members of the advisory council. Members of the advisory council shall serve without compensation or reimbursement;

3. Appoint and establish an executive committee composed of members of the Commission, including the Commission's chairman and vice-chairman and one representative designated by each of the following: the Jamestown-Yorktown Foundation, the Virginia Museum of History & Culture, and Gunston Hall; and

4. Perform such other duties, functions, and activities as may be necessary to facilitate and implement the objectives of the Commission.

B. The Commission may solicit, accept, use, and dispose of gifts, grants, donations, bequests, or other funds or real or personal property for the purpose of aiding or facilitating the work of the Commission. In accordance with the appropriation act, the Commission may procure supplies, services, and property, and make or enter into contracts, leases, or other legal agreements as it may deem necessary to carry out its duties as set forth in this chapter. No contract, lease, or other

legal agreement shall be entered into by the Commission that extends beyond the date of expiration of the Commission.
2023, cc. [655](#), [656](#).

§ 30-426. (Expires July 1, 2032) Staffing.

The Commission may appoint and employ and, at its pleasure, remove an executive director and such other persons as it deems necessary to assist it in carrying out its duties as set forth in this chapter. The Commission may determine the duties of such staff and fix their salaries or compensation within the amounts appropriated thereof. If funds are not appropriated for staffing, the Joint Rules Committee shall determine the staffing support for the Commission.

Administrative staff support shall be provided by the Office of the Clerk of the Senate or the Office of the Clerk of the House of Delegates as may be appropriate for the house in which the chairman of the Commission serves. The Division of Legislative Services shall serve as fiscal agent and provide legal services as requested by the Commission. All agencies and political subdivisions of the Commonwealth shall provide assistance to the Commission, upon request.
2023, cc. [655](#), [656](#).

§ 30-427. (Expires July 1, 2032) Chairman's executive summary of activity and work of the Commission; report.

The chairman shall submit to the General Assembly and the Governor an annual executive summary of the interim activity and work of the Commission no later than the first day of each regular session of the General Assembly. The executive summary shall be submitted as provided in the procedures of the Division of Legislative Automated Systems for the processing of legislative documents and reports and shall be posted on the General Assembly's website.
2023, cc. [655](#), [656](#).

§ 30-428. (Expires July 1, 2032) Virginia American Revolution 250 Commission Fund.

There is hereby created in the state treasury a special nonreverting fund to be known as the Virginia American Revolution 250 Commission Fund, hereafter referred to as the "Fund." The Fund shall be established on the books of the Comptroller and shall consist of gifts, grants, donations, bequests, or other funds from any source as may be received by the Commission for its work. Moneys shall be paid into the state treasury and credited to the Fund. Interest earned on moneys in the Fund shall remain in the Fund and be credited to it. Any moneys remaining in the Fund, including interest thereon, at the end of each fiscal year shall not revert to the general fund but shall remain in the Fund. Moneys in the Fund shall be used solely for the purpose of enabling the Commission to perform its duties. Expenditures and disbursements from the Fund shall be made by the State Treasurer on warrants issued by the Comptroller upon written request of the chairman of the Commission.
2023, cc. [655](#), [656](#).

§ 30-429. (Expires July 1, 2032) Sunset.

This chapter shall expire on July 1, 2032.2023, cc. [655](#), [656](#).



COUNCIL REGULAR WORK SESSION AGENDA STATEMENT

Meeting Date: February 5, 2024

Item# 02B

Agenda Item: Purchase of a Utility Compactor (Asphalt Roller)

Summary: Request is being made of the Public Works Department for the purchase of a new Utility Compactor CAT CB4.0 to replace a 1987 Dynapac CC21 II Asphalt Roller during the regular scheduled meeting of February 26, 2024.

The method of procurement is cooperative contracting, utilizing a Sourcewell contract #011723-CAT with Caterpillar Inc. Sourcewell offers cooperative procurement solutions to government entities. Staff received a quote from Carter Machinery Company, Inc., of Culpeper, VA, utilizing the Sourcewell contract, in the amount of \$77,343.00.

The department currently has \$150,000.00 budgeted for the replacement of the asphalt roller; staff would like to use \$37,516.91 of remaining funds toward the purchase of a Wheel Loader that is being brought forward to Council as a separate item and remaining funds of \$35,140.09 may be allocated toward paving projects.

Budget/Funding: 4500-R47001 Highway Maintenance Machinery & Equipment \$77,343.00

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

MEMORANDUM

TO: Michelle Campbell Purchasing Manager

FROM: Donald B McPaters, Director of Fleet Maintenance *DBM*

SUBJECT: Purchase of a Utility Compactor (Asphalt Roller)

DATE: January 9, 2024

The Public Works Department has a utility compactor (asphalt roller) to replace #785 a 1987 Dynapac CC21 II asphalt roller. We have demo two rollers the Cat CB4.0 utility compactor (asphalt roller) and a HAMM HD14i VV asphalt roller. We picked the Cat CB4.0 utility compactor (asphalt roller) at a Sourcewell contract #011723-CAT price of \$77,343.00.



Cat[®] CB4.0, CB4.4, CC4.0

Utility Compactors

The Cat[®] line of 3-5 ton utility compactors are well-suited for a variety of applications from asphalt work to base compaction and even landscaping. They are designed with industry leading features and performance to get the job done.

Simple to Operate

- Rocker switches and Cat gauge cluster with water tank gauge to help make operation easy
- Variable water spray system to extend time between water fills
- Optional sliding operator seat and dual propel levers for reducing operator fatigue and better job surface visibility

Proven Productivity

- Large 800 mm (31.5 in) drum diameters for smooth mat finish
- 16 mm (0.6 in) thick drum shells for longer durability
- Dual vibratory frequencies and ballast options to maximize compactive effort
- C1.7T engine with 36 kW (48.2 hp) (gross)

Technology Ready

- ProductLink[™] for remote monitoring of machine location and status
- Optional Compaction Measurement Value (CMV) displayed to the operator for improved compaction performance and consistency

Superior Safety

- High visibility 75 mm (3 in) orange seatbelt to make job site safety visible
- Seat with operator presence sensor to prevent unintended operation while out of the seat
- Slip resistant steps and platform for improved operator safety
- Optional rotating amber beacon

Easy to Service

- Cat controls with ET capability for easy troubleshooting
- Reduced maintenance tasks for quick servicing
- 500 hour oil change interval to reduce maintenance time and costs
- External fuel fill for easy access
- LED lighting for durable and reliable performance
- Uptime kits and customer value agreements available to ensure maximum uptime



Cat® CB4.0, CB4.4, CC4.0 Utility Compactors

Standard and Optional Equipment

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional
OPERATOR ENVIRONMENT		
Adjustable Suspension Seat with Operator Presence Switch	✓	
ROPS Folding	✓	
ROPS Fixed		✓
Seat Belt – 75 mm (3 in) high visibility orange	✓	
Operator Console w/ Water Tank Gauge, Emergency Stop, and Glove Box	✓	
12-volt Power Outlet	✓	
Horn, Backup Alarm	✓	
Sun Canopy		✓
Seat – Side Shift		✓
Dual Propel Levers		✓
COMPACTION SYSTEM		
Folding Scrapers	✓	
Vibe Selection – Front, Rear, or both	✓	
Pressurized, Triple-Filtration Spray System with Test Mode	✓	
Cocoa Mats		✓
Edge Cutter Ready		✓
Water Sprayer Antifreeze Kit		✓
Ballast Kit – 200 kg (440 lb) (CC4.0)		✓
Ballast Kit – 400 kg (880 lb) (CB4.0, CB4.4)		✓
Ballast Kit – 542 kg (1194.91 lb) (CB4.0, CB4.4)		✓

	Standard	Optional
POWERTRAIN		
Auto Engine Off and Auto Warmup	✓	
Air Cleaner, Dual Element	✓	
Engine Belt Guard	✓	
Traction Control (CB4.0, CB4.4)		✓
Fuel Filter, Water Separator, Priming Pump, Water Indicator	✓	
On-demand Hydraulic Cooling Fan	✓	
TECHNOLOGY		
Telematics – ProductLink™	✓	
Remote Flash / Troubleshoot		✓
CMV - Compaction Measurement Value		✓
ELECTRICAL		
LED Working Lights	✓	
Battery Disconnect		✓
LED Rooding Lights		✓
Rotating Amber Beacon		✓
OTHER		
Vandal Protection – lockable hood, fuel fill, and controls cover	✓	
Biodegradeable Hydraulic Oil		✓
Bumpers		✓
Machine Life and Tiedowns	✓	
Offsets Hitch	✓	
Custom Paint		✓

Utility Compactor Application Guide											
			0 - 1.8 Tons		1.8 - 3 Tons				3 - 5 Tons		
	Application	Layer Thickness mm (in)	CB1.7	CB1.8	CB2.5 CB2.5 GC	CB2.7 CB2.7 GC	CC2.7 CC2.7 GC	CB2.9	CB4.0	CB4.4	CC4.0
			900 mm (35 in)	1000 mm (39 in)	1000 mm (39 in)	1200 mm (47 in)	1200 mm (47 in)	1300 mm (51 in)	1300 mm (51 in)	1400 mm (55 in)	1300 mm (51 in)
Asphalt	Walking Paths, Driveways, Patchwork	25 - 50 (1 - 2)	Best	Best	Better	Better	Better	Good	Good	Good	Good
		50 - 100 (2 - 3)	Best	Best	Better	Better	Better	Good	Good	Good	Good
	Parking Lots, Urban Streets	25 - 50 (1 - 2)	Better	Best	Best	Best	Best	Best	Better	Better	Better
		50 - 100 (2 - 3)	Better	Better	Best	Best	Best	Best	Better	Better	Best
	Roads, Highways	25 - 50 (1 - 2)	Good	Good	Better	Better	Better	Best	Best	Best	Best
		50 - 100 (2 - 3)	Good	Good	Better	Better	Better	Better	Best	Best	Best
Soil	Landscaping	< 100 (4)	Best	Best	Better	Better	Better	Good	Good	Good	Good
	Small Job Sites	< 100 (4)	Good	Good	Best	Best	Best	Better	Better	Better	Better
	Medium Job Sites	< 100 (4)	Good	Good	Better	Better	Better	Best	Best	Best	Best

Cat® CB4.0, CB4.4, CC4.0 Utility Compactors

Technical Specifications

Engine - Powertrain

Engine Model	Cat® C1.7T	
Global Emissions	US EPA Tier 4 Final EU Stage V	
Number of Cylinders	3	
Rated Speed	2800 rpm	
Gross Power ISO 14396	36.0 kW	48.2 hp
Net Power ISO 9249 ¹	35.5 kW	47.6 hp
Exhaust gas aftertreatment type	DOC/DPF	

¹ Net Power is calculated at maximum cooling fan speed.

Machine Performance

Maximum Machine Speed		
CB4.0, CB4.4	13 km/hr	8.1 mph
CC4.0	12 km/hr	7.5 mph
Theoretical Gradeability (no vibe) ²		
CB4.0	46%	
CB4.4	44%	
CC4.0	49%	

² Actual gradeability may vary based on site conditions and machine configuration. Refer to the Operation and Maintenance Manual for more information.

Vibratory System Specifications

Frequency		
High	55 Hz	3300 vpm
Low	45 Hz	2700 vpm
Amplitude		
CB4.0	0.50 mm	0.020 in
CB4.4	0.49 mm	0.019 in
CC4.0	0.50 mm	0.020 in
Maximum Centrifugal Force		
CB4.0	33.47 kN	7524 lbf
CB4.4	34.82 kN	7828 lbf
CC4.0	33.47 kN	7524 lbf

Machine Weights³

Standard Machine Operating Weight with ROPS		
CB4.0	3623 kg	7971 lb
CB4.4	3801 kg	8362 lb
CC4.0	3586 kg	7889 lb
Maximum Machine Weight ⁴		
CB4.0	4315 kg	9493 lb
CB4.4	4493 kg	9885 lb
CC4.0	3936 kg	8659 lb
Operating Weight (Front)		
CB4.0	1744 kg	3837 lb
CB4.4	1810 kg	3982 lb
CC4.0	1781 kg	3918 lb
Operating Weight (Rear)		
CB4.0	1879 kg	4134 lb
CB4.4	1991 kg	4380 lb
CC4.0	1805 kg	3971 lb
Weight per Tire – Operating Weight		
CC4.0	451 kg	992 lb
Static Linear Load – Operating Weight (Front)		
CB4.0	13.42 kg/cm	75.0 lb/in
CB4.4	12.93 kg/cm	72.2 lb/in
CC4.0	13.70 kg/cm	76.6 lb/in
Static Linear Load – Operating Weight (Rear)		
CB4.0	14.45 kg/cm	80.8 lb/in
CB4.4	14.22 kg/cm	79.5 lb/in
CC4.0	13.88 kg/cm	77.6 lb/in

³ Operating Weights include coolant, lubricants, full fuel tank, 50% water, and 80 kg (176 lb) operator.

⁴ Maximum Machine Weight includes all options, heaviest ballast configuration, full fluids, and 80 kg (176 lb) operator.

Cat® CB4.0, CB4.4, CC4.0 Utility Compactors

Technical Specifications

Electrical

System Voltage	12 v
Battery Capacity	750 CCA
Alternator	85 Amp

Dimensions

1 Overall Length*	2853 mm	112.3 in
2 Overall Width		
CB4.0	1400 mm	55.1 in
CB4.4	1500 mm	59.1 in
CC4.0	1400 mm	55.1 in
3 Drum Width		
CB4.0	1300 mm	51.2 in
CB4.4	1400 mm	55.1 in
CC4.0	1300 mm	51.2 in
Drum Shell Thickness	16 mm	0.6 in
Drum Diameter	800 mm	31.5 in
Drum Offset	50 mm	2.0 in
4 Overall Height		
with ROPS**	2660 mm	104.7 in
with ROPS and Canopy**	2774 mm	109.2 in
5 Transport Height with foldable ROPS	1932 mm	76.1 in
6 Wheelbase	2050 mm	80.7 in
7 Curb Clearance	499 mm	19.6 in
8 Ground Clearance	284 mm	11.2 in
Inside Turning Radius		
CB4.0	2926 mm	115.2 in
CB4.4	2876 mm	113.2 in
CC4.0	2926 mm	115.2 in
Outside Turning Radius		
CB4.0	4226 mm	166.4 in
CB4.4	4276 mm	168.3 in
CC4.0	4226 mm	166.4 in

*Bumper option adds 95 mm (3.7 in)

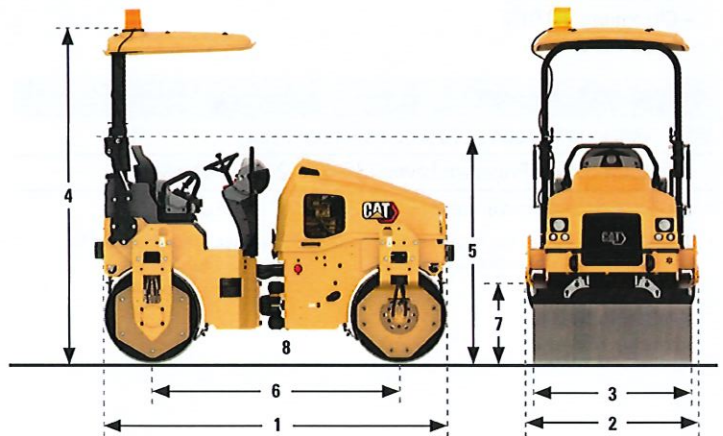
**Beacon option adds 175 mm (6.8 in)

Miscellaneous

Articulation Angle	32°
Oscillation Angle	9°
Number of Tires (CC4.0)	4

Service Refill Capacities

Fuel Tank (total capacity)	81 L	21.43 gal
Water Spray Tank (total capacity)		
CB4.0, CB4.4	300 L	79 gal
CC4.0	230 L	61 gal
Emulsion Tank (total capacity) CC4.0 only	34.7 L	9.16 gal
Cooling System	8.8 L	2.32 gal
Engine Oil with Filter	6.3 L	1.66 gal
Hydraulic Tank (service refill)	21 L	5.54 gal



Cat® CB4.0, CB4.4, CC4.0 Utility Compactors

Environmental Declaration

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit www.caterpillar.com/en/company/sustainability.html.

ENGINE

- The Cat C1.7T is available in configurations that meet U.S. EPA Tier 4 Final and EU Stage V emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)
 - ✓ 100% renewable diesel, HVO (hydrogenated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

PAINT

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
 - Barium < 0.01%
 - Cadmium < 0.01%
 - Chromium < 0.01%
 - Lead < 0.01%

SOUND PERFORMANCE

With cooling fan speed at 70% of maximum value:

Operator Sound Pressure Level (ISO 6396:2008) – 88 dB(A)

Exterior Sound Power Level (ISO 6395:2008) – 106 dB(A)

- Hearing protection may be needed when operating with an open operator station for extended periods or in a noisy environment.

OILS AND FLUIDS

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat BIO HYDO™ Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

FEATURES AND TECHNOLOGY

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
 - Advanced hydraulic system balances power and efficiency
 - Hydraulic on demand fan changes speed with temperature
 - Extended maintenance intervals reduce fluid and filter consumption
 - Auto idle shutdown reduces unproductive hours and fuel burned



January 18, 2024

TOWN OF FRONT ROYAL
PO BOX 1560
FRONT ROYAL, Virginia 22630

Attention: DON MCPATERS
RE: Quote 193194-01

Dear Don Mcpaters :
On behalf of Carter Machinery Company, Inc., thank you for the opportunity to offer this quote for your consideration.
Sourcewell Contract #011723-CAT Member Discounts Included

Cat Model: CB4.0 Paving Compaction with all standard equipment in addition to the additional specifications

ID# : 1020480 SERIAL NUMBER : 064900678 YEAR : 2023 HOURS : 0

MACHINE SPECIFICATIONS

Description	List
CB4.0 03A UTILITY COMPACTOR	\$91,910.00
PUMP, PROPEL, STANDARD	\$0.00
LIGHTS, WORKING, LED	\$0.00
SEAT, WITH SAFETY SWITCH	\$740.00
SUPPORT, SLIDING FOR SEAT	\$985.00
SEAT BELT, 3"	\$187.00
ROPS, FOLDABLE, LOCKABLE	\$2,465.00
TRAVEL CONTROL, CUP HOLDER	\$79.00
GUARDS, BUMPER	\$108.00
DRUM SCRAPER, FOLDING	\$0.00
OIL, HYD, STANDARD	\$0.00
INSTRUCTIONS, ANSI	\$0.00
SWITCH, BATTERY DISCONNECT	\$149.00
SERIALIZED TECHNICAL MEDIA KIT	\$0.00
PRODUCT LINK, CELLULAR PL243	\$0.00
ENGINE, CAT C1.7T	\$0.00
LIGHT, BEACON	\$375.00
FREEZE PROTECTION	\$152.00
PACKING, CONTAINER	\$0.00
ENG S/N J3C04991	\$0.00

SELL PRICE	\$77,343.00
NET BALANCE DUE	\$77,343.00

WARRANTY/EXTENDED COVERAGE

Standard Warranty: 12 Months/Unlimited Hours

Extended Warranty:

F.O.B/TERMS : Customer Site

Thank you for the opportunity to provide you a quote for your equipment needs. This quotation is valid for 30 days. All machines are subject to prior sale. If there are any questions, please do not hesitate to contact me.
Sincerely,

Robert Reid
Machine Sales Representative
Direct Dial - 540-729-5436



COUNCIL REGULAR WORK SESSION AGENDA STATEMENT

Meeting Date: February 5, 2024

Item# 02C

Agenda Item: Purchase of a Wheel Loader & FY24 Budget Reallocation

Summary: Request is being made of the Public Works Department for the purchase of a new John Deere 524 P-TIER 4WD Wheel Loader to replace a 2002 Case 621D Wheel Loader with 7222 hours during the regular scheduled meeting of February 26, 2024.

The method of procurement is cooperative contracting, utilizing a Sourcwell contract #011723-JDC with John Deere Construction Retail Sales. Sourcwell offers cooperative procurement solutions to government entities. Staff received a quote from James River Equipment of Stephenson, VA, utilizing the Sourcwell contract, in the amount of \$212,516.91.

The department currently has \$175,500 budgeted for the replacement of the wheel loader and is requesting to reallocate \$37,516.91 from funds that were previously set aside for the purchase of an asphalt roller. The cost for the asphalt roller is lower than anticipated and these funds are no longer needed for the purchase of the asphalt roller.

Budget/Funding:

4500-47001	Highway Maintenance Machinery & Equipment	\$58,500
4500-R47001	Highway Maintenance Machinery & Equipment	\$154,016.91

Reallocate Funds

4500-R47001	Highway Maintenance Machinery & Equipment	<\$37,016.91>	PO#29713 (Roller)
4500-R47001	Highway Maintenance Machinery & Equipment	+\$37,016.91	PO#30368 (Loader)

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

MEMORANDUM

TO: Michelle Campbell Purchasing Manager

FROM: Donald B McPaters, Director of Fleet Maintenance 

SUBJECT: Purchase of a Wheel Loader to Replace 762 Case Wheel Loader.

DATE: January 9, 2024

The Public Works Department has a Wheel Loader to be replaced in this year's budget. It will be replacing the Case 621D Wheel Loader #762 a 2002 with 7222 hours. We have demo two-wheel loaders and have determined that the John Deere 624 Wheel loader is the one we would like to purchase. The 620 John Deere has a data link system that John Deere offers for a five-year program that will monitor the loader that tracks on GPS system for the operations and maintenance of the loader. The loader is priced through James River Equipment on a Sourcewell Contract account #011723-JDC at a price of \$212,516.91.

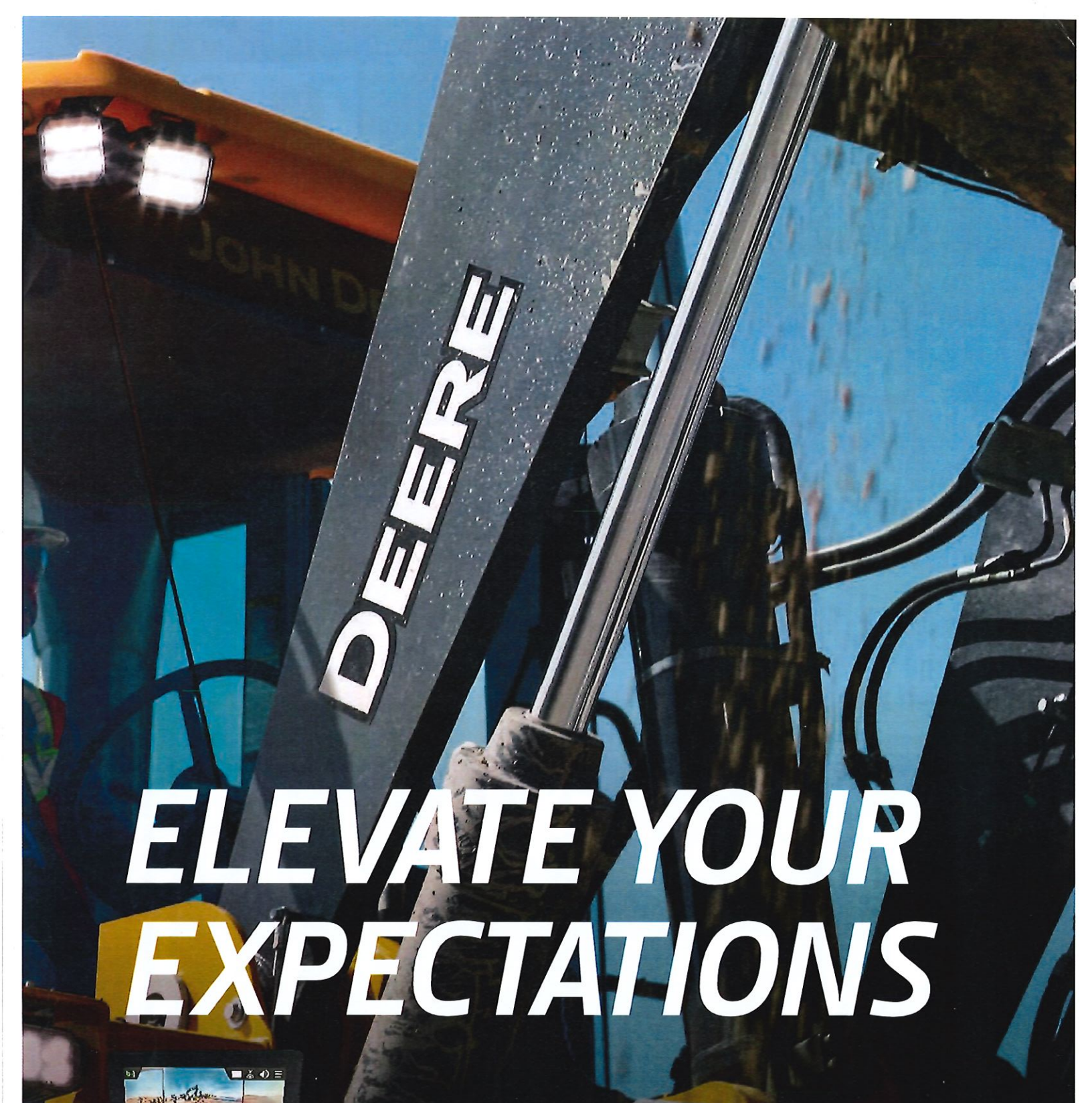
524 / P

Wheel Loader



JOHN DEERE





DEERE

ELEVATE YOUR EXPECTATIONS



SEE IT LIKE NEVER BEFORE

New Advanced Vision System includes two digital cameras mounted on the rearview-mirror platforms that integrate with the rearview camera for a single display on a dedicated in-cab monitor. Overlaid within the monitor's rear-camera view, dynamic reversal projected-path lines help operators visualize the loader's anticipated reversal path based on its articulation, for sight lines to people or objects directly within the path.

ABOVE AND BEYOND

MEET THE P-TIER WHEEL LOADERS

When your material-handling application needs a heavy-duty lift, add a P-Tier Wheel Loader to your lineup. Combining convenient front-end features with near-parallel lift, spacious operator stations including customizable ergonomic electrohydraulic (EH) controls, streamlined electrical and hydraulic routing, and innovative options, these versatile and productive mid-size models are designed to help you take your operation to the next level.



**SMARTWEIGH™
PAYLOAD-WEIGHING
SOLUTION IS DEERE
DESIGNED & SUPPORTED**

At the forefront

Featuring bucket and linkage designs that improve load leveling, material retention, and visibility, P-Tier Loaders yield more productivity and performance than previous models. Enhanced-performance buckets with integrated spill guards, curved side cutters, and impressive rollback deliver elevated bucket-fill performance and material retention compared to earlier offerings.

Level up

AutoLevel enables near-perfect parallelism throughout the boom-raise-and-lower cycle, letting operators set their desired attachment angle to within $\pm$ two degrees.

Precision Construction

From grade management and obstacle detection to product automation features and jobsite intelligence, this suite of construction technology delivers productivity solutions to help you get more done, more efficiently.

John Deere construction equipment comes with in-base connectivity — free from subscriptions or annual renewals. Analyze critical machine data, track utilization, review diagnostic alerts, and more from **the John Deere Operations Center™**. The Operations Center also enables **John Deere Connected Support™**, which uses data from thousands of connected machines to proactively address issues before they arise. Your dealer can also remotely monitor machine health, diagnose problems, and even update machine software without a trip to the jobsite.*

*Availability varies by region and product.
Options not available in every country.

Material matters

SmartWeigh option features dynamic weighing technology that allows operators to weigh without interrupting workflow and removes the need to lower and reraise the boom after tipoff. Shared through the onboard monitor, SmartWeigh is easy to calibrate and effortlessly integrates with JDLink™ so you can track and visualize payload data from almost anywhere. Available as a factory-installed or field-kit option, you can also try SmartWeigh at a low cost for 250 machine hours.

On your side

All daily service points including fuel refill are conveniently grouped at ground level on the left side of the machine for easy access. Routing of electrical wire harnesses and hydraulic hoses has been streamlined.



OVERACHIEVERS

ASPIRE TO GO HIGHER.

With handy front-end features and plenty of productivity-boosting enhancements over previous models, our 524 P-Tier Wheel Loader redefines expectations about the heights a utility loader can reach.



Have a seat

Spacious and comfortable cab features extra legroom, an improved HVAC system, additional storage, and a more adjustable seat than earlier models.



Take control

Operators can easily control up to six functions without letting go of the ergonomically designed joystick. Two industry-exclusive multifunction buttons can each be programmed to handle any of up to 10 functions selected through the monitor, including bucket vibrate and electrohydraulic (EH) Precision mode.



Get carried away

Tool Carrier configuration enables a clear view of the coupler and forks, making it easier to quickly move pipes, logs, and pallets.



Pretty big plus

High-Lift Plus configuration provides an additional 24 inches of hinge-pin height over standard lift height and 12 inches over the High-Lift model. All three lift heights feature near-parallel lift.



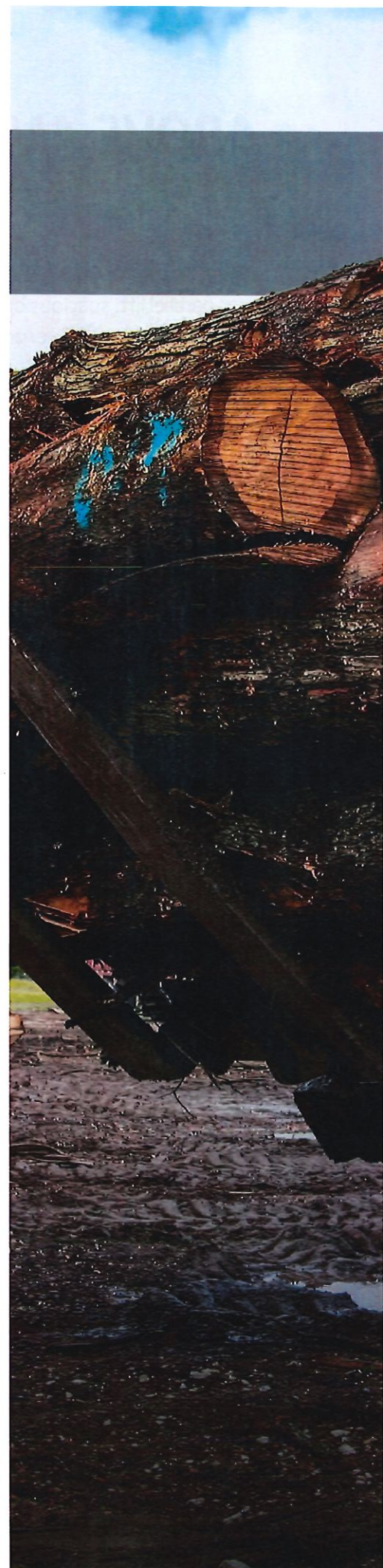
Clear advantage

Improved visibility to the work tool helps reduce spillage as well as cycle and tool-changeover times. It also helps minimize machine damage when working on crowded jobsites or up against walls.



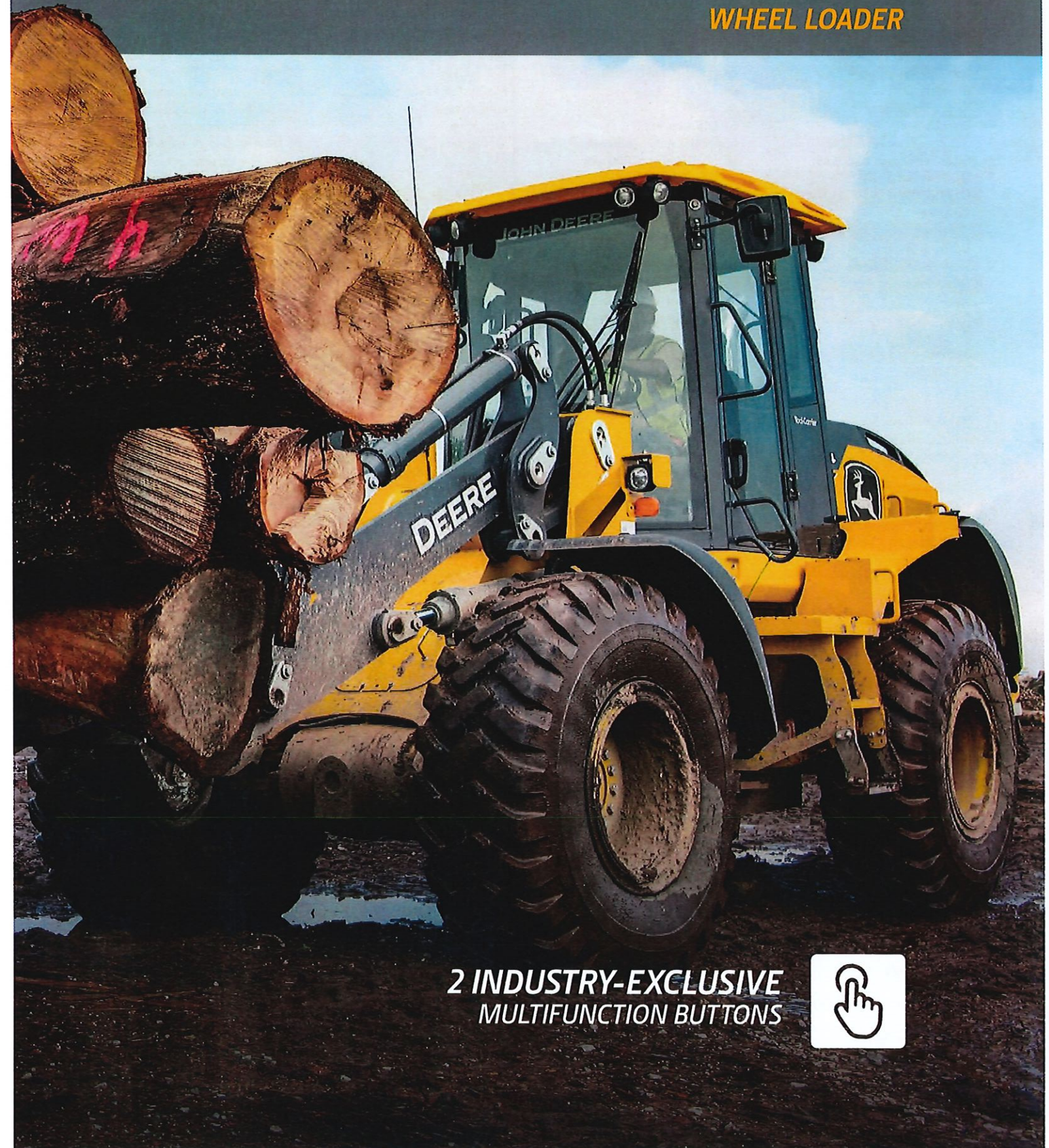
Step it up

Quad-Cool™ places the radiator, air-conditioner condenser, intercooler, and hydraulic, transmission, and optional axle coolers in a unique boxed configuration that's isolated from engine heat, boosting efficiency and durability.



524 / P

WHEEL LOADER



**2 INDUSTRY-EXCLUSIVE
MULTIFUNCTION BUTTONS**





While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Engine			
524 P-TIER Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS / TOOL CARRIER			
Manufacturer and Model	John Deere PowerTech™ PVS 6068	Gross Peak Torque (ISO 9249)	713 Nm (526 ft.-lb.) at 1,400 rpm
Non-Road Emission Standard	EPA Final Tier 4/EU Stage V	Net Torque Rise	60%
Cylinders	6	Fuel System (electronically controlled)	High-pressure common rail
Valves Per Cylinder	4	Lubrication	Full-flow spin-on filter and integral cooler
Displacement	6.8 L (414 cu. in.)	Aspiration	Turbocharged, charge air cooled
Net Peak Power (ISO 9249)	113 kW (152 hp) at 1,800 rpm	Air Cleaner	Under-hood, dual-element dry type, restriction indicator in cab monitor for service
Gross Peak Power (ISO 9249)	120 kW (161 hp) at 1,800 rpm		
Net Peak Torque (ISO 9249)	683 Nm (504 lb.-ft.) at 1,100 rpm		
Cooling			
Fan Drive	Hydraulically driven, proportionally controlled, fan aft of coolers		
Electrical			
Electrical System	24 volt with 100-amp alternator (optional 130-amp alternator)		
Batteries (2 – 12 volt)	950 CCA (each)		
Transmission System			
Type	Countershaft-type PowerShift™		
Torque Converter	Single stage, single phase		
Shift Control	Electronically modulated, adaptive, load and speed dependent		
Operator Interface	Steering-column or joystick-mounted F-N-R and gear-select lever; Quick-Shift button on hydraulic lever		
Shift Modes	Manual/auto (1st-D or 2nd-D); Quick-Shift button with 2 selectable modes: kick-down or kick-up/down; and 4 clutch cutoff settings <i>Standard 5-Speed</i>		
Maximum Travel Speeds (with 20.5 R 25 tires)			
Range 1	Forward 5.6 km/h (3.5 mph)	Reverse 5.9 km/h (3.6 mph)	
Range 2	11.0 km/h (6.8 mph)	11.6 km/h (7.2 mph)	
Range 3	17.0 km/h (10.6 mph)	27.0 km/h (16.8 mph)	
Range 4	25.6 km/h (15.9 mph)	N/A	
Range 5	40.0 km/h (24.8 mph)	N/A	
Axles/Brakes			
Final Drives	Heavy-duty inboard-mounted planetary		
Differentials	Hydraulic locking front with conventional rear — standard; dual locking front and rear — optional		
Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires)	24 deg. (12 deg. each direction)		
Brakes (conform to ISO 3450)			
Service	Hydraulically actuated, spring-retracted, self-adjusting inboard sun-shaft mounted, oil cooled, single disc		
Parking	Automatic spring applied, hydraulically released, driveline mounted, sealed wet multi disc		
Tires/Wheels (see page 10 for complete tire adjustments)			
	<i>Tread Width</i>	<i>Width Over Tires</i>	
Michelin 20.5 R 25, 1 Star L-3 XHA2	1952 mm (76.8 in.)	2546 mm (100.2 in.)	
Serviceability			
Refill Capacities		Refill Capacities (continued)	
Fuel Tank (with lockable cap)	220 L (58 gal.)	Axle Oil (each)	
Cooling System	29.9 L (31.6 qt.)	Front	16.6 L (17.5 qt.)
Diesel Exhaust Fluid (DEF)	15.6 L (16.5 qt.)	Rear	18 L (19 qt.)
Engine Oil With Vertical Spin-On Filter	19.5 L (20.6 qt.)	Hydraulic Reservoir and Filter	82.1 L (21.7 gal.)
Transmission Reservoir With Vertical Filter	21 L (22.2 qt.)	Park Brake Oil (wet disc)	0.3 L (10 oz.)
Hydraulic System/Steering			
Pump (loader and steering)	Variable-displacement, axial-piston pump; closed-center, pressure-compensating system		
Maximum Rated Flow at 6895 kPa (1,000 psi) and 2,200 rpm	178 L/m (47 gpm)		
System Relief Pressure (loader and steering)	24 994 kPa (3,625 psi)		
Loader Controls	2-function valve, joystick control or fingertip controls, hydraulic-function enable/disable, optional 3rd- and 4th-function valve with auxiliary lever		
Steering (conforms to ISO 5010)	Steering-column-mounted, twist-grip shift lever; Quick-Shift button on hydraulic lever		
Type	Power, fully hydraulic		
Articulation Angle	80-deg. arc (40 deg. each direction)		
Turning Radius (measured to centerline of outside tire)	5.0 m (16 ft. 5 in.)		

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

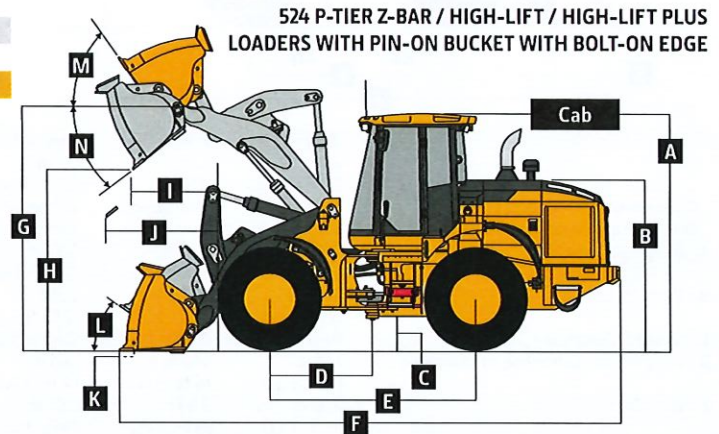
Hydraulic System/Steering (continued) 524 P-TIER Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS / TOOL CARRIER

Hydraulic Cycle Times	Z-Bar / High-Lift / High-Lift Plus	Tool Carrier
Raise	6.1 sec.	5.8 sec.
Dump	2.0 sec.	2.2 sec.
Lower (power down)	4.0 sec.	3.5 sec.
Total	12.1 sec.	11.5 sec.

Bucket Capacity Range

Bucket Type	
Pin-On	2.1–2.5 m ³ (2.75–3.25 cu. yd.)
Coupler	1.9–3.4 m ³ (2.5–4.5 cu. yd.)

Dimensions and Specifications With Pin-On Bucket With Bolt-On Edge



524 P-TIER Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS LOADERS WITH PIN-ON BUCKET WITH BOLT-ON EDGE

	Z-Bar	Z-Bar	High-Lift	High-Lift Plus
	2.1-m ³ (2.75 cu. yd.) enhanced performance	2.3-m ³ (3.0 cu. yd.) enhanced performance	2.1-m ³ (2.75 cu. yd.) enhanced performance	2.1-m ³ (2.75 cu. yd.) enhanced performance
A Height to Top of Cab	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)
B Hood Height	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)
C Ground Clearance	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)
D Length From Centerline to Front Axle	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)
E Wheelbase	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)
F Overall Length, Bucket on Ground	7.37 m (24 ft. 2 in.)	7.45 m (24 ft. 5 in.)	7.80 m (25 ft. 7 in.)	8.10 m (26 ft. 7 in.)
G Height to Hinge Pin, Fully Raised	3.81 m (12 ft. 6 in.)	3.81 m (12 ft. 6 in.)	4.17 m (13 ft. 8 in.)	4.42 m (14 ft. 6 in.)
H Dump Clearance, 45 deg., Full Height	2.78 m (9 ft. 1 in.)	2.72 m (8 ft. 11 in.)	3.14 m (10 ft. 4 in.)	3.39 m (11 ft. 1 in.)
I Reach, 45-deg. Dump, Full Height	0.99 m (3 ft. 3 in.)	1.04 m (3 ft. 5 in.)	1.09 m (3 ft. 7 in.)	1.12 m (3 ft. 8 in.)
J Reach, 45-deg. Dump, 2.13-m (7 ft. 0 in.) Clearance	1.44 m (4 ft. 9 in.)	1.47 m (4 ft. 10 in.)	1.81 m (5 ft. 11 in.)	2.03 m (6 ft. 8 in.)
K Maximum Digging Depth	102 mm (4.0 in.)	108 mm (4.3 in.)	193 mm (7.6 in.)	198 mm (7.8 in.)
L Maximum Rollback at Ground Level	44 deg.	44 deg.	48 deg.	49 deg.
M Maximum Rollback, Boom Fully Raised	60 deg.	60 deg.	60 deg.	61 deg.
N Maximum Bucket Dump Angle, Fully Raised	50 deg.	50 deg.	46 deg.	45 deg.
Loader Clearance Circle, Bucket Carry Position	11.40 m (37 ft. 5 in.)	11.42 m (37 ft. 6 in.)	11.68 m (38 ft. 4 in.)	12.08 m (39 ft. 7 in.)
Specifications With Bucket With Bolt-On Edge				
Capacity, Heaped	2.1 m ³ (2.75 cu. yd.)	2.3 m ³ (3.0 cu. yd.)	2.1 m ³ (2.75 cu. yd.)	2.1 m ³ (2.75 cu. yd.)
Capacity, Struck	1.7 m ³ (2.26 cu. yd.)	1.9 m ³ (2.53 cu. yd.)	1.7 m ³ (2.26 cu. yd.)	1.7 m ³ (2.26 cu. yd.)
Bucket Weight With Bolt-On Cutting Edge	1056 kg (2,327 lb.)	1095 kg (2,415 lb.)	1056 kg (2,327 lb.)	1056 kg (2,327 lb.)
Bucket Width	2.55 m (8 ft. 4 in.)	2.55 m (8 ft. 4 in.)	2.55 m (8 ft. 4 in.)	2.55 m (8 ft. 4 in.)
Breakout Force	11 070 kg (24,406 lb.)	10 285 kg (22,674 lb.)	10 952 kg (24,145 lb.)	11 059 kg (24,381 lb.)
Tipping Load, Straight, No Tire Deflection	10 297 kg (22,702 lb.)	10 172 kg (22,426 lb.)	8667 kg (19,107 lb.)	7967 kg (17,564 lb.)
Tipping Load, Straight, With Tire Deflection	9753 kg (21,502 lb.)	9630 kg (21,230 lb.)	8253 kg (18,195 lb.)	7614 kg (16,786 lb.)
Tipping Load, 40-deg. Full Turn, No Tire Deflection	8955 kg (19,742 lb.)	8840 kg (19,489 lb.)	7496 kg (16,526 lb.)	6860 kg (15,123 lb.)
Tipping Load, 40-deg. Full Turn, With Tire Deflection	8259 kg (18,208 lb.)	8145 kg (17,957 lb.)	6963 kg (15,351 lb.)	6390 kg (14,088 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, No Tire Deflection (conforms to ISO 14397-1)*	4477 kg (9,871 lb.)	4420 kg (9,745 lb.)	3748 kg (8,263 lb.)	3430 kg (7,562 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, With Tire Deflection (conforms to ISO 14397-1)*	4130 kg (9,104 lb.)	4073 kg (8,978 lb.)	3482 kg (7,675 lb.)	3195 kg (7,044 lb.)
Operating Weight	13 123 kg (28,931 lb.)	13 163 kg (29,018 lb.)	13 341 kg (29,412 lb.)	13 457 kg (29,667 lb.)

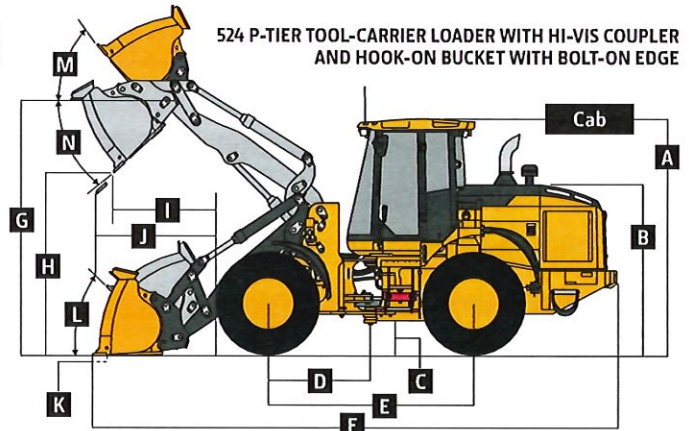
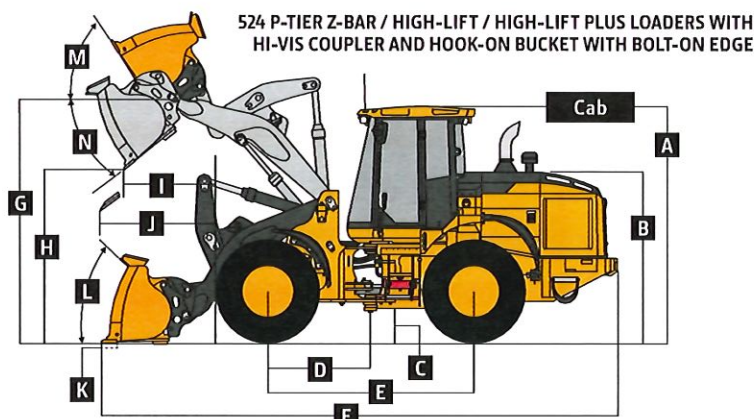
Loader operating information is based on machine with identified linkage and standard equipment, PowerTech PVS 6068 (EPA Final Tier 4/EU Stage V) engine, ROPS cab, rear cast bumper counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in tires, ballast, and different attachments.

*Rated operating capacity based on Deere attachments only.

524 P-TIER

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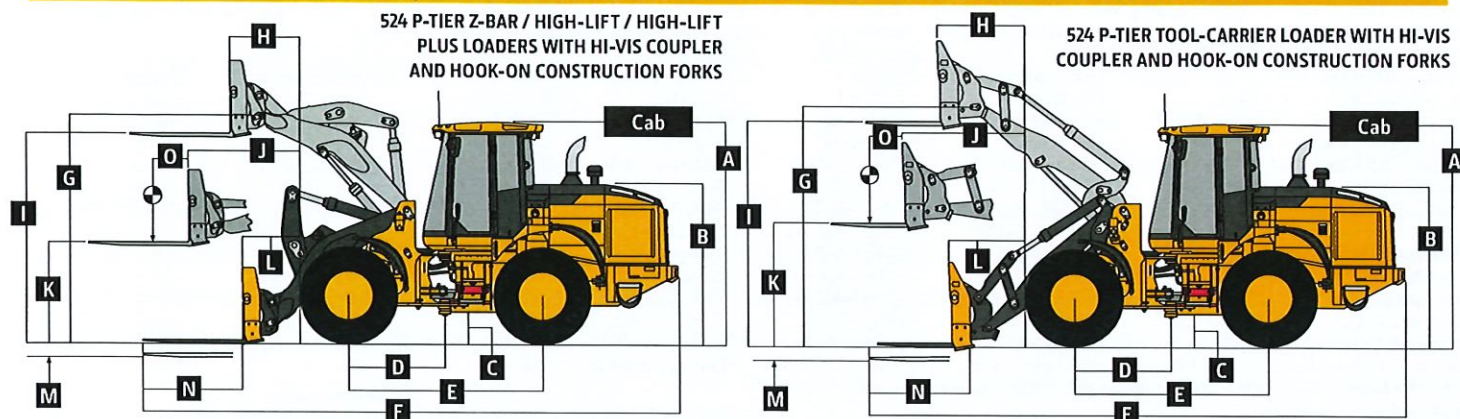
Dimensions and Specifications With Hi-Vis Coupler and Hook-On Bucket With Bolt-On Edge 524 P-TIER Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS / TOOL CARRIER



	Z-Bar 2.1-m ³ (2.75 cu. yd.) <i>enhanced performance</i>	Z-Bar 3.1-m ³ (4.0 cu. yd.) <i>light material</i>	High-Lift 2.1-m ³ (2.75 cu. yd.) <i>enhanced performance</i>	High-Lift 3.1-m ³ (4.0 cu. yd.) <i>light material</i>	High-Lift Plus 1.9-m ³ (2.5 cu. yd.) <i>enhanced performance</i>	High-Lift Plus 3.1-m ³ (4.0 cu. yd.) <i>light material</i>	Tool Carrier 2.1-m ³ (2.75 cu. yd.) <i>enhanced performance</i>	Tool Carrier 3.1-m ³ (4.0 cu. yd.) <i>light material</i>
Dimensions With Bucket With Bolt-On Edge (illustrations above)								
A Height to Top of Cab	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)
B Hood Height	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)
C Ground Clearance	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)
D Length From Centerline to Front Axle	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)
E Wheelbase	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)
F Overall Length, Bucket on Ground	7.52 m (24 ft. 8 in.)	7.65 m (25 ft. 1 in.)	7.95 m (26 ft. 1 in.)	8.08 m (26 ft. 6 in.)	8.15 m (26 ft. 9 in.)	8.37 m (27 ft. 6 in.)	7.77 m (25 ft. 6 in.)	7.80 m (25 ft. 7 in.)
G Height to Hinge Pin, Fully Raised	3.81 m (12 ft. 6 in.)	3.81 m (12 ft. 6 in.)	4.17 m (13 ft. 8 in.)	4.17 m (13 ft. 8 in.)	4.42 m (14 ft. 6 in.)	4.42 m (14 ft. 6 in.)	3.89 m (12 ft. 9 in.)	3.89 m (12 ft. 9 in.)
H Dump Clearance, 45 deg., Full Height	2.68 m (8 ft. 10 in.)	2.60 m (8 ft. 6 in.)	3.04 m (10 ft. 0 in.)	2.96 m (9 ft. 9 in.)	3.35 m (11 ft. 0 in.)	3.21 m (10 ft. 6 in.)	2.79 m (9 ft. 2 in.)	2.70 m (8 ft. 10 in.)
I Reach, 45-deg. Dump, Full Height	1.09 m (3 ft. 7 in.)	1.19 m (3 ft. 11 in.)	1.19 m (3 ft. 11 in.)	1.29 m (4 ft. 3 in.)	1.17 m (3 ft. 10 in.)	1.33 m (4 ft. 4 in.)	1.34 m (4 ft. 5 in.)	1.44 m (4 ft. 9 in.)
J Reach, 45-deg. Dump, 2.13-m (7 ft. 0 in.) Clearance	1.50 m (4 ft. 11 in.)	1.55 m (5 ft. 1 in.)	1.87 m (6 ft. 2 in.)	1.92 m (6 ft. 4 in.)	2.06 m (6 ft. 9 in.)	2.16 m (7 ft. 1 in.)	1.81 m (5 ft. 11 in.)	1.86 m (6 ft. 1 in.)
K Maximum Digging Depth	108 mm (4.2 in.)	111 mm (4.4 in.)	199 mm (7.8 in.)	202 mm (8.0 in.)	196 mm (7.7 in.)	207 mm (8.1 in.)	100 mm (3.9 in.)	102 mm (4.0 in.)
L Maximum Rollback at Ground Level	44 deg.	44 deg.	48 deg.	48 deg.	49 deg.	49 deg.	50 deg.	50 deg.
M Maximum Rollback, Boom Fully Raised	60 deg.	60 deg.	60 deg.	60 deg.	61 deg.	61 deg.	55 deg.	55 deg.
N Maximum Bucket Dump Angle, Fully Raised	50 deg.	50 deg.	46 deg.	46 deg.	45 deg.	45 deg.	46 deg.	46 deg.
Loader Clearance Circle, Bucket Carry Position	11.44 m (37 ft. 7 in.)	11.80 m (38 ft. 9 in.)	11.78 m (38 ft. 8 in.)	12.22 m (40 ft. 1 in.)	12.02 m (39 ft. 6 in.)	12.54 m (41 ft. 2 in.)	11.24 m (36 ft. 11 in.)	12.04 m (39 ft. 6 in.)
Specifications With Bucket With Bolt-On Edge								
Capacity, Heaped	2.1 m ³ (2.75 cu. yd.)	3.1 m ³ (4.0 cu. yd.)	2.1 m ³ (2.75 cu. yd.)	3.1 m ³ (4.0 cu. yd.)	1.9 m ³ (2.5 cu. yd.)	3.1 m ³ (4.0 cu. yd.)	2.1 m ³ (2.75 cu. yd.)	3.1 m ³ (4.0 cu. yd.)
Capacity, Struck	1.7 m ³ (2.26 cu. yd.)	2.6 m ³ (3.4 cu. yd.)	1.7 m ³ (2.26 cu. yd.)	2.6 m ³ (3.4 cu. yd.)	1.5 m ³ (1.96 cu. yd.)	2.6 m ³ (3.4 cu. yd.)	1.7 m ³ (2.26 cu. yd.)	2.6 m ³ (3.4 cu. yd.)
Bucket Weight With Bolt-On Cutting Edge	1454 kg (3,205 lb.)	1683 kg (3,711 lb.)	1454 kg (3,205 lb.)	1683 kg (3,711 lb.)	1385 kg (3,052 lb.)	1683 kg (3,711 lb.)	1437 kg (3,167 lb.)	1656 kg (3,651 lb.)
Bucket Width	2.55 m (8 ft. 4 in.)	2.89 m (9 ft. 6 in.)	2.55 m (8 ft. 4 in.)	2.89 m (9 ft. 6 in.)	2.55 m (8 ft. 4 in.)	2.89 m (9 ft. 6 in.)	2.55 m (8 ft. 4 in.)	2.89 m (9 ft. 6 in.)
Breakout Force	9604 kg (21,173 lb.)	8569 kg (18,891 lb.)	9500 kg (20,945 lb.)	8475 kg (18,684 lb.)	10 383 kg (22,891 lb.)	8559 kg (18,870 lb.)	10 660 kg (23,501 lb.)	9109 kg (20,081 lb.)
Tipping Load, Straight, No Tire Deflection	9483 kg (20,906 lb.)	9168 kg (20,212 lb.)	7969 kg (17,568 lb.)	7672 kg (16,913 lb.)	7436 kg (16,394 lb.)	7032 kg (15,504 lb.)	8691 kg (19,160 lb.)	8385 kg (18,486 lb.)
Tipping Load, Straight, With Tire Deflection	8967 kg (19,769 lb.)	8637 kg (19,041 lb.)	7575 kg (16,700 lb.)	7260 kg (16,006 lb.)	7092 kg (15,635 lb.)	6672 kg (14,709 lb.)	8259 kg (18,208 lb.)	7938 kg (17,500 lb.)
Tipping Load, 40-deg. Full Turn, No Tire Deflection	8199 kg (18,075 lb.)	7888 kg (17,391 lb.)	6841 kg (15,082 lb.)	6548 kg (14,436 lb.)	6360 kg (14,021 lb.)	5965 kg (13,150 lb.)	7503 kg (16,541 lb.)	7203 kg (15,880 lb.)
Tipping Load, 40-deg. Full Turn, With Tire Deflection	7539 kg (16,621 lb.)	7206 kg (15,886 lb.)	6327 kg (13,949 lb.)	6033 kg (13,300 lb.)	5919 kg (13,049 lb.)	5493 kg (12,110 lb.)	6936 kg (15,291 lb.)	6633 kg (14,623 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, No Tire Deflection (conforms to ISO 14397-1)*	4099 kg (9,037 lb.)	3944 kg (8,695 lb.)	3421 kg (7,541 lb.)	3274 kg (7,218 lb.)	3180 kg (7,011 lb.)	2982 kg (6,575 lb.)	3752 kg (8,271 lb.)	3602 kg (7,940 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, With Tire Deflection (conforms to ISO 14397-1)*	3770 kg (8,310 lb.)	3603 kg (7,943 lb.)	3164 kg (6,974 lb.)	3017 kg (6,650 lb.)	2960 kg (6,525 lb.)	2747 kg (6,055 lb.)	3468 kg (7,646 lb.)	3317 kg (7,312 lb.)
Operating Weight	13 541 kg (29,853 lb.)	13 770 kg (30,359 lb.)	13 760 kg (30,335 lb.)	13 989 kg (30,841 lb.)	13 806 kg (30,438 lb.)	14 105 kg (31,097 lb.)	13 390 kg (29,520 lb.)	13 610 kg (30,004 lb.)

Loader operating information is based on machine with identified linkage and standard equipment, PowerTech PVS 6068 (EPA Final Tier 4/EU Stage V) engine, ROPS cab, rear cast bumper/counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in tires, ballast, and different attachments. / *Rated operating capacity based on Deere attachments only.

Dimensions and Specifications With Hi-Vis Coupler and Hook-On Construction Forks 524 P-TIER Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS / TOOL CARRIER



	Z-Bar	Z-Bar	High-Lift	High-Lift	High-Lift Plus	High-Lift Plus	Tool Carrier	Tool Carrier
	1.22-m (48 in.)	1.52-m (60 in.)	1.22-m (48 in.)	1.52-m (60 in.)	1.22-m (48 in.)	1.52-m (60 in.)	1.22-m (48 in.)	1.52-m (60 in.)
Dimensions With Forks (illustrations above)	tine length	tine length	tine length	tine length	tine length	tine length	tine length	tine length
A Height to Top of Cab	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)
B Hood Height	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)	2.375 m (7 ft. 9 in.)
C Ground Clearance	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)
D Length From Centerline to Front Axle	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)
E Wheelbase	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)
F Overall Length, Forks on Ground	7.94 m (26 ft. 1 in.)	8.24 m (27 ft. 1 in.)	8.37 m (27 ft. 6 in.)	8.68 m (28 ft. 6 in.)	8.67 m (28 ft. 5 in.)	8.97 m (29 ft. 5 in.)	8.13 m (26 ft. 8 in.)	8.44 m (27 ft. 8 in.)
G Height to Hinge Pin, Fully Raised	3.81 m (12 ft. 6 in.)	3.81 m (12 ft. 6 in.)	4.17 m (13 ft. 8 in.)	4.17 m (13 ft. 8 in.)	4.42 m (14 ft. 6 in.)	4.42 m (14 ft. 6 in.)	3.89 m (12 ft. 9 in.)	3.89 m (12 ft. 9 in.)
H Reach, Fully Raised	0.82 m (32 in.)	0.82 m (32 in.)	0.92 m (3 ft. 0 in.)	0.92 m (3 ft. 0 in.)	0.96 m (3 ft. 2 in.)	0.96 m (3 ft. 2 in.)	1.08 m (3 ft. 7 in.)	1.08 m (3 ft. 7 in.)
I Fork Height, Fully Raised	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)	3.84 m (12 ft. 7 in.)	3.84 m (12 ft. 7 in.)	4.09 m (13 ft. 5 in.)	4.09 m (13 ft. 5 in.)	3.66 m (12 ft. 0 in.)	3.66 m (12 ft. 0 in.)
J Maximum Reach, Fork Level	1.56 m (5 ft. 1 in.)	1.56 m (5 ft. 1 in.)	1.89 m (6 ft. 2 in.)	1.89 m (6 ft. 2 in.)	2.10 m (6 ft. 11 in.)	2.10 m (6 ft. 11 in.)	1.81 m (5 ft. 11 in.)	1.81 m (5 ft. 11 in.)
K Fork Height, Maximum Reach	1.65 m (5 ft. 5 in.)	1.65 m (5 ft. 5 in.)	1.66 m (5 ft. 5 in.)	1.66 m (5 ft. 5 in.)	1.66 m (5 ft. 5 in.)	1.66 m (5 ft. 5 in.)	1.83 m (6 ft. 0 in.)	1.83 m (6 ft. 0 in.)
L Reach, Ground Level	0.99 m (3 ft. 3 in.)	0.99 m (3 ft. 3 in.)	1.40 m (4 ft. 7 in.)	1.40 m (4 ft. 7 in.)	1.65 m (5 ft. 5 in.)	1.65 m (5 ft. 5 in.)	1.17 m (3 ft. 10 in.)	1.17 m (3 ft. 10 in.)
M Depth Below Ground	99 mm (4 in.)	99 mm (4 in.)	189 mm (7 in.)	189 mm (7 in.)	195 mm (8 in.)	195 mm (8 in.)	154 mm (6 in.)	154 mm (6 in.)
N Tine Length	1.22 m (48 in.)	1.52 m (60 in.)	1.22 m (48 in.)	1.52 m (60 in.)	1.22 m (48 in.)	1.52 m (60 in.)	1.22 m (48 in.)	1.52 m (60 in.)
O Load Position, 50% Tine Length	0.61 m (24 in.)	0.76 m (30 in.)	0.61 m (24 in.)	0.76 m (30 in.)	0.61 m (24 in.)	0.76 m (30 in.)	0.61 m (24 in.)	0.76 m (30 in.)
Specifications With Forks								
Tipping Load, Straight, No Tire Deflection	6990 kg (15,411 lb.)	6574 kg (14,494 lb.)	6101 kg (13,451 lb.)	5760 kg (12,698 lb.)	5701 kg (12,569 lb.)	5393 kg (11,889 lb.)	6504 kg (14,339 lb.)	6135 kg (13,525 lb.)
Tipping Load, Straight, With Tire Deflection	6801 kg (14,994 lb.)	6393 kg (14,094 lb.)	5943 kg (13,102 lb.)	5616 kg (12,381 lb.)	5538 kg (12,209 lb.)	5250 kg (11,574 lb.)	6333 kg (13,962 lb.)	5976 kg (13,175 lb.)
Tipping Load, 40-deg. Full Turn, No Tire Deflection	6050 kg (13,338 lb.)	5681 kg (12,524 lb.)	5246 kg (11,566 lb.)	4943 kg (10,898 lb.)	4877 kg (10,752 lb.)	4604 kg (10,149 lb.)	5619 kg (12,388 lb.)	5289 kg (11,660 lb.)
Tipping Load, 40-deg. Full Turn, With Tire Deflection	5796 kg (12,778 lb.)	5442 kg (11,998 lb.)	5013 kg (11,052 lb.)	4728 kg (10,423 lb.)	4674 kg (10,304 lb.)	4401 kg (9,703 lb.)	5385 kg (11,872 lb.)	5085 kg (11,210 lb.)
Rated Operating Load, 50% Full-Turn	2898 kg (6,389 lb.)	2721 kg (5,999 lb.)	2507 kg (5,526 lb.)	2364 kg (5,212 lb.)	2337 kg (5,152 lb.)	2201 kg (4,851 lb.)	2693 kg (5,936 lb.)	2543 kg (5,605 lb.)
Tipping Load, With Tire Deflection (conforms to ISO 14397-1 and SAE J1197)*								
Rated Operating Load, Rough Terrain, 60% Full-Turn Tipping Load, With Tire Deflection (conforms to EN474-3)*	3478 kg (7,667 lb.)	3265 kg (7,199 lb.)	3008 kg (6,631 lb.)	2837 kg (6,254 lb.)	2804 kg (6,183 lb.)	2641 kg (5,822 lb.)	3231 kg (7,123 lb.)	3051 kg (6,726 lb.)
Rated Operating Load, Firm and Level Ground, 80% Full-Turn Tipping Load, With Tire Deflection (conforms to EN474-3)*	4637 kg (10,222 lb.)	4354 kg (9,598 lb.)	4010 kg (8,841 lb.)	3782 kg (8,339 lb.)	3739 kg (8,244 lb.)	3521 kg (7,762 lb.)	4308 kg (9,498 lb.)	4068 kg (8,968 lb.)
Operating Weight	13 366 kg (29,468 lb.)	13 427 kg (29,601 lb.)	13 585 kg (29,950 lb.)	13 646 kg (30,084 lb.)	13 701 kg (30,206 lb.)	13 762 kg (30,339 lb.)	13 206 kg (29,114 lb.)	13 266 kg (29,246 lb.)

Loader operating information is based on machine with identified linkage and standard equipment, PowerTech PVS 6068 (EPA Final Tier 4/EU Stage V) engine, ROPS cab, rear cast bumper/counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in tires, ballast, and different attachments.

*Rated operating capacity based on Deere attachments only.

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Adjustments to Operating Weights and Tipping Loads With Buckets 524 P-TIER Z-BAR / HIGH-LIFT / HIGH-LIFT PLUS / TOOL CARRIER

Adjustments to operating weights, tipping loads, and tires are based on Z-Bar machine with pin-on 2.1-m³ (2.75 cu. yd.) enhanced-performance bucket with bolt-on cutting edge, ROPS cab, rear cast bumper/counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator*

Add (+) or deduct (-) kg (lb.) as indicated for

	Operating Weight	Tipping Load, Straight	Tipping Load, 40-deg. Full Turn	Tread Width	Width Over Tires	Vertical Height
loaders with 3-piece rims						
Michelin 20.5 R 25, 1 Star L-3 XHA2	0 kg (0 lb.)	0 kg (0 lb.)	0 kg (0 lb.)	0 mm (0 in.)	0 mm (0 in.)	0 mm (0 in.)
Bridgestone 20.5 R 25, 1 Star L-3 VJT	+4 kg (+9 lb.)	+3 kg (+6 lb.)	+3 kg (+6 lb.)	0 mm (0 in.)	+2 mm (+0.1 in.)	-41 mm (-1.6 in.)
Titan 20.5 R 25, 1 Star L-3 STL3	+11 kg (+23 lb.)	+8 kg (+17 lb.)	+7 kg (+15 lb.)	0 mm (0 in.)	-7 mm (-0.3 in.)	-5 mm (-0.2 in.)
Michelin 20.5 R 25, 1 Star L-2 XTLA	-152 kg (-335 lb.)	-109 kg (-241 lb.)	-96 kg (-212 lb.)	0 mm (0 in.)	+4 mm (+0.2 in.)	-11 mm (-0.4 in.)
Bridgestone 20.5 R 25, 1 Star L-2 VUT	-65 kg (-144 lb.)	-47 kg (-104 lb.)	-41 kg (-91 lb.)	0 mm (0 in.)	+3 mm (+0.1 in.)	-10 mm (-0.4 in.)
Titan 20.5 R 25, 1 Star L-2 TGD2	-85 kg (-188 lb.)	-61 kg (-135 lb.)	-54 kg (-119 lb.)	0 mm (0 in.)	-7 mm (-0.3 in.)	-10 mm (-0.4 in.)
Titan 20.5-25, 16 PR L-2	-245 kg (-541 lb.)	-176 kg (-389 lb.)	-155 kg (-343 lb.)	0 mm (0 in.)	+8 mm (+0.3 in.)	-2 mm (-0.1 in.)
Firestone 20.5-25, 16 PR L-2 SGG LD	-280 kg (-617 lb.)	-201 kg (-443 lb.)	-177 kg (-391 lb.)	0 mm (0 in.)	+5 mm (+0.2 in.)	-1 mm (0 in.)
Titan 20.5-25, 12 PR L-2	-266 kg (-587 lb.)	-191 kg (-422 lb.)	-169 kg (-372 lb.)	0 mm (0 in.)	+8 mm (+0.3 in.)	-2 mm (-0.1 in.)
Firestone 20.5-25, 16 PR L-3 SRG LD	-276 kg (-608 lb.)	-198 kg (-437 lb.)	-175 kg (-385 lb.)	0 mm (0 in.)	+8 mm (+0.3 in.)	+3 mm (+0.1 in.)
Michelin 20.5 R 25, 1 Star L2 SNO-PLUS	-96 kg (-212 lb.)	-69 kg (-152 lb.)	-61 kg (-134 lb.)	0 mm (0 in.)	+6 mm (+0.2 in.)	-16 mm (-0.6 in.)
Michelin 620/75R26 MegaXbib ^{ER}	-189 kg (-417 lb.)	-136 kg (-300 lb.)	-120 kg (-264 lb.)	+187 mm (+7.4 in.)	+247 mm (+9.7 in.)	+23 mm (+0.9 in.)
CaCl ₂ in 20.5-25, L-3 Rear Tires, 75% Fill	+825 kg (+1,820 lb.)	+1185 kg (+2,613 lb.)	+1045 kg (+2,304 lb.)	N/A	N/A	N/A

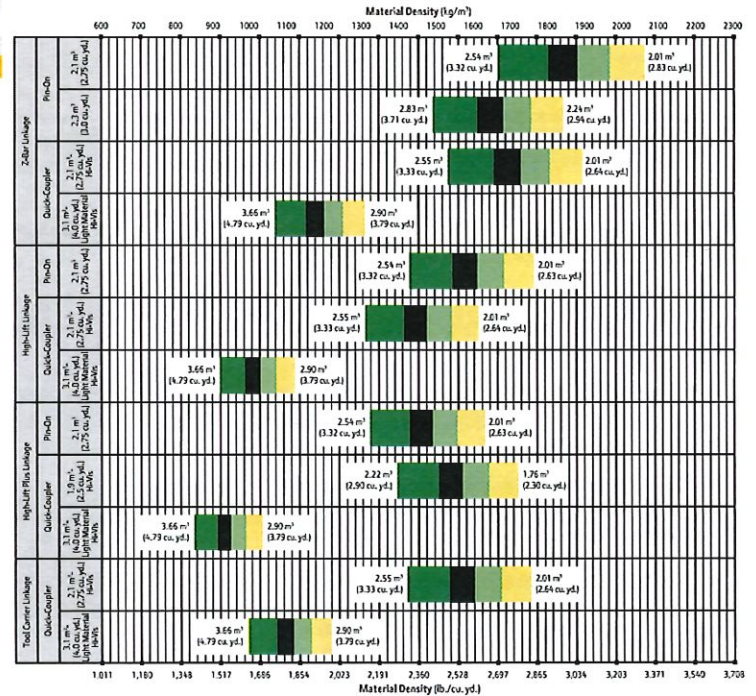
*May change based on vehicle configuration, weight, or tire-pressure adjustments.

^EEquipped with 1-piece rims.

^RRequires 8-deg. rear axle stops.

Bucket Selection Guides

LOOSE MATERIALS	kg/m ³	lb./cu. yd.	LOOSE MATERIALS	kg/m ³	lb./cu. yd.
Chips, pulpwood	268	486	Limestone, coarse, sized	1570	2,646
Cinders (coal, ashes, dinkens)	673	1,134	Limestone, mixed sizes	1682	2,835
Clay and gravel, dry	1602	2,700	Limestone, pulverized or crushed	1362	2,295
Clay, compact, solid	1746	2,943	Sand, dump	2083	3,510
Clay, dry in lump loose	1009	1,701	Sand, dry	1762	2,970
Clay, excavated in water	1282	2,160	Sand, voids, full of water	2083	3,510
Coal, anthracite, broken, loose	865	1,458	Sandstone, quarried	1314	2,214
Coal, bituminous, moderately wet	801	1,359	Shale, broken crushed	1362	2,295
Earth, common loam, dry	1218	2,052	Slag, furnace granulated	1955	3,234
Earth, mud, packed	1843	3,105	Stone or gravel, 37.5 to 87.5-mm (1.5 to 3.5 in.) size	1442	2,430
Granite, broken	1538	2,592	Stone or gravel, 18.75-mm (0.75 in.) size	1602	2,700
Gypsum	2275	3,834			





JOHN DEERE

Additional equipment *(cont.)*

Key: ● Standard ▲ Optional or special
See your John Deere dealer for further information.

524 P Hydraulics *(continued)*

- In-cab adjustable automatic boom-height kickout/return to carry
- Reservoir with sight gauge and fill strainer
- Hydraulic diagnostic ports
- 4,000-hour in-tank filter
- 2 function — joystick with F-N-R
- ▲ 2 function — 2-lever fingertip controls and steering column F-N-R
- ▲ 3 function — joystick with F-N-R and integrated 3rd-function roller
- ▲ 3 function — 3-lever fingertip controls and steering column F-N-R
- ▲ 4 function — joystick with F-N-R and integrated 3rd/4th-function rollers
- Programmable multifunction buttons (2)
- Adjustable and continuous hydraulic-flow settings
- Programmable attachment settings
- ▲ Ride control, automatic with monitor-adjustable speed settings
- ▲ Hydraulic control system for quick-coupler locking pins
- ▲ Hydrau™ XR cold-temperature hydraulic fluid recommended below -25 deg. C (-13 deg. F)

Steering Systems

- Conventional steering wheel with spinner knob
- ▲ Secondary steering

Electrical

- Solid-state electrical power-distribution system
- Lockable master electrical-disconnect switch
- Battery-terminal safety covers
- By-pass start safety cover at starter
- Remote jump-start access in battery box
- Pre-wired for beacon/strobe light
- Lights: Halogen driving lights with guards (2) / Front (4), rear cab (2), and rear grille (2) work lights / LED front turn signals and flashers / LED stop- and taillights
- ▲ Premium LED light package (all exterior lights are heavy-duty LED)
- Programmable courtesy lights
- Horn, electric
- Reverse warning alarm
- Multifunction/multi-language 178-mm (7 in.) LCD color monitor includes: Digital instruments — Analog display (hydraulic oil temperature, engine coolant temperature, transmission oil temperature, and engine oil pressure) / Digital display (engine rpm, transmission gear/direction indicator, hour meter, fuel level, diesel exhaust fluid (DEF) level, speedometer, odometer, and average fuel consumption)
- ▲ Multifunction/multi-language 127-mm (5 in.) LCD color monitor includes: Digital instruments — Analog display (hydraulic oil temperature, engine coolant temperature, transmission oil temperature, and engine oil pressure) / Digital display (engine rpm, transmission gear/direction indicator, hour meter, fuel level, DEF level, speedometer, odometer, and average fuel consumption)

524 P Electrical *(continued)*

- ▲ Integrated cycle counter with 5 categories
- Indicator lights: Standard and selected options / Amber caution and red stop
- Operator-warning messages
- Built-in diagnostics: Diagnostic-code details / Sensor values / Calibrations / Individual circuit tester
- ▲ Electrical corrosion-prevention package
- Standard AM/FM/Weather-Band (WB) radio with remote auxiliary port
- ▲ Premium AM/FM/WB radio with Bluetooth®, remote auxiliary port, and remote USB port (premium cab only)
- 24- to 12-volt, 8-amp converter and cab power ports (3)
- ▲ 24- to 12-volt, 15- or 30-amp converter and cab power ports (3)

Operator's Station

- Standard cab with air conditioning/heater (ROPS/FOPS Level 1, isolation mounted)
- ▲ Premium cab with air conditioning/heater (ROPS/FOPS Level 1, isolation mounted)
- ▲ Automatic temperature control (premium cab only)
- Rear window defrost vent
- Keyless start with multiple security modes
- Sealed-switch module with function indicators
- Seat with backrest extension, deep foam, fabric cover, and adjustable air suspension
- ▲ Premium seat with high-wide back- and headrest extension, heated and ventilated, leather/fabric cover, and adjustable heavy-duty air suspension
- Hydraulic controls integrated to seat
- High-visibility, bright-orange seat belt, 76 mm (3 in.), with retractor
- ▲ Seat-belt minder monitoring with JDLink™ and seat-belt indicator beacon
- Cup holder and cup/Thermos® holder with retaining strap
- Lunch-box/cooler holder with tie-down brackets
- Coat hook
- LED dome and reading light
- Rubber floor mat
- Dual-tilt steering column
- Operator's manual storage compartment
- Outside (2) and inside (1) rearview mirrors
- Heated outside mirrors with convex lens
- ▲ In-cab adjustable heated outside mirrors with convex lens (premium cab only)
- Left-side operator-station access
- Fall-arrest system anchor points tested to 2268 kg (5,000 lb.) on front of cab
- Slip-resistant steps and ergonomic handholds
- Pull-down front sun visor
- Front and rear intermittent windshield wipers and washers
- ▲ Powered cab air pre-cleaner
- ▲ Beacon bracket only
- ▲ Beacon bracket with strobe beacon

524 P Operator's Station *(continued)*

- Rearview camera
- ▲ Rearview camera with radar object-detection system
- ▲ Dedicated 178-mm (7 in.) rear camera display
- ▲ Advanced rear object-detection system
- ▲ Advanced vision system
- Payload scale ready
- ▲ SmartWeigh™ ready + trial
- ▲ SmartWeigh
- ▲ Fire extinguisher
- Loader Linkage**
- Z-Bar loader linkage (parallel lift)
- ▲ High-Lift Z-Bar loader linkage (parallel lift)
- ▲ High-Lift Plus Z-Bar loader linkage (parallel lift)
- ▲ Tool Carrier linkage for visibility (parallel lift)

Buckets and Attachments

- ▲ Full line of Deere pin-on buckets, coupler buckets, and forks
- ▲ John Deere hydraulic coupler that accepts JRB-pattern attachments
- ▲ Hi-Vis hydraulic coupler that accepts Euro-pattern attachments (ISO)

Overall Vehicle

- JDLink wireless communication system (available in specific countries; see your dealer for details)
- NeverGrease™ rear-axle oscillation
- Front and rear tie-downs
- Rear cast bumper/counterweight with rear hitch and locking pin
- Articulation locking bar
- Loader boom service locking bar
- 40-deg. steering articulation to each side with rubber-cushion stops on frame
- Vandal protection with lockable engine enclosures, right counterweight storage, and filler access for radiator/fuel/DEF/hydraulic transmission
- Left-side service steps and handholds
- ▲ Right-side service steps and handrails
- ▲ Left-side close-mounted steps
- Storage compartment
- Fuel-tank fill strainer
- Heavy-duty fuel-tank guard
- Ground-level fuel and DEF fill
- Same-side ground-level daily servicing
- 20.5R25 tires on 3-piece rims
- ▲ Ag material-handling package
- ▲ Environmental drains and sample ports for engine, transmission, hydraulic oils, and engine coolant
- Fenders, front narrow
- ▲ Fenders, front full width
- ▲ Fenders, front and rear full width
- ▲ Fenders, front and rear full width with mud flaps
- ▲ Less wheels and tires with axle stops
- ▲ Rims less tires
- ▲ Transmission side-frame and bottom guards
- ▲ Lift eyes
- ▲ License-plate bracket and light

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions per ISO 9249. No derating is required up to 3050-m (10,000 ft.) altitude. Specifications and design subject to change without notice. Specifications with the exception of bucket capacity are in accordance with all applicable ISO standards. Except where otherwise noted, these specifications are based on a unit with applicable linkage and standard equipment, ROPS cab, rear cast bumper/counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator.



JAMES RIVER EQUIPMENT

245 YARDMASTER COURT • STEPHENSON, VA 22656 • PHONE (540) 667-9777

1/18/2024

QUOTE EXPIRES 2/28/2024

PRICE IS SUBJECT TO CHANGE

TOWN OF FRONT ROYAL
800-C CROSBY RD
FRONT ROYAL, VA 22630

QUOTE

(1) 2023 524 P-TIER 4WD LOADER

8505 GUARDS TRANSMISSION & BOTTOM
0400 STANDARD LOADER
1100 LESS DETECTION SYSTEM
8042 AXLE OIL COOLING AND FILTER
8508 AUXILARY EQUIPMENT PACKAGE
6522 REAR COUNTERWEIGHT & R.HITCH
8015 NBP 20.5R25 L3 1* W/3PC
7026 JOYSTICK CONTROLS
0351 TRANSLATED LABELS
0951 REAR CAMERA PRIMARY DISPLAY
1301 LEFT SIDE STEPS
0654 LEVEL 1 PERFORMANCE
7403 HYDRAULIC COUPLER JRB 416
8502 MAINTENANCE&SERVICE PACKAGE
2201 LESS PAYLOAD W/ CYCLE COUNT
0259 ENGLISH OPS MANUAL
4095 JD POWERTECH PVS 6.8L FT4/EU
0451 STANDARD Z-BAR
0612 LEVEL 2 TRIM
183E JDLINK
8213 ENGINE EXHAUST W/CHROMESTACK
7500 LESS FORKS
7054 THREE FUNCTION HYDRAULICS
5553 FULL WIDTH FR FENDERS

STANDARD WARRNTY:

12 MONTHS UNLIMITED HOURS FULL MACHINE WARRANTY.

JOHN DEERE LIST PRICE

\$300,355.59

SOURCEWELL CONTRACT#011723-JDC: 39% DISCOUNT

-\$117,138.68



JAMES RIVER EQUIPMENT

245 YARDMASTER COURT • STEPHENSON, VA 22656 • PHONE (540) 667-9777

TOTAL	\$183,216.91
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ADD ON COST PER THE SOURCEWELL CONTRACT:

FREIGHT IN TO DEALER & OUT TO CUSTOMER	\$8,000.00
PREDELLIVERY INSPECTION	\$2,000.00
GEM GP QC 2.5 CUBIC YARD BUCKET / 416 COUPLER STYLE	\$9,500.00
GEM 72X96" QC FORKS	\$9,800.00

MACHINE TOTAL PRICE	\$212,516.91
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*****THIS 524 P IS CURRENTLY IN-STOCK*****

*****IF 524 P NEEDS TO BE ORDERED ALL MACHINES ARE SUBJECT TO FUTURE PRICE INCREASES*****

OPTIONS (PRICE NOT INCLUDED IN TOTAL):

GOVERNMENTAL EXTENDED WARRANTY COMPREHENSIVE WITH DEDUCTIBLE 84 MONTHS OR 5000 HOURS WICHEVER COMES FIRST	\$8,300.00
60 MONTHS OR 3000 HOURS WICHEVER COMES FIRST	\$5,650.00

EXTENDED POWER TRAIN & HYDRAULIC WARRANTY 84 MONTHS OR 5000 HOURS WHICHEVER COMES FIRST	\$5,200.00
60 MONTHS OR 3000 HOURS WHICHEVER COMES FIRST	\$3,550.00



COUNCIL REGULAR WORK SESSION AGENDA STATEMENT

Meeting Date: February 5, 2024

Item# 03A

Agenda Item: Proposed Ordinance Amendment to Revise the Personal Property & Real Estate Tax Due Dates

Summary: The mailing of first installment Town personal property tax bills have been delayed for 2019, 2020, 2021, 2022, and 2023; the first installment for Town real estate tax bills have been delayed for 2019, 2020, 2021, and 2023.

The Town must receive files from the Warren County Commissioner of Revenue's Office in order to process the Town's tax bills for the first installment of each year. The Commissioner of Revenue is unable to provide the Town with tax files until the Warren County Board of Supervisors approves Warren County's annual tax rates. The Board of Supervisors has had delays setting tax rates due to the Commonwealth of Virginia's delays of setting the state's budget.

The delay of tax billings was taken to the Town/County liaison meeting for discussion on July 20th, 2023, October 19, 2023, and January 18th, 2024. The Town was unable to find a solution to guarantee that tax files would be provided in time to prevent future delays mailings.

Council is requested to consider amending Town of Front Royal Municipal Code to have personal property and real estate taxes due annually June 20th and December 5th.

Town of Front Royal Municipal Code 75-44 Real and Personal Property Taxes and Rates states:

B. On and after January 1, 2010, tax payments for real estate and personal property shall become due and payable to the Town of Front Royal on a semiannual basis, with one-half of the annual assessment of such taxes due on or before June 5th of each year after January 1, 2010, and the additional one-half of such taxes due on or before December 5th of each such year. A penalty of 10% of the tax past due or ten dollars (\$10.00), whichever is greater, shall be added to any tax not paid by the aforesaid due date, provided that in no case may the penalty exceed the amount of the tax assessed. In addition, interest shall be added to any delinquent taxes and penalties at the rate of 10% per year, with interest commencing on the first day of the month following the date on which any such taxes became due and payable.

Budget/Funding: In order for revenue to be realized in current fiscal year, personal property and real estate taxes must be due on or before June 30th.

Staff Recommendation: Staff recommends for Council to consider revising Town Code to have the first installment of Town Personal Property Taxes due June 20th annually and advertise for a public hearing.



COUNCIL REGULAR WORK SESSION AGENDA STATEMENT

Meeting Date: February 5, 2024

Item# 03B

Agenda Item: Joint Transportation Committee

Summary: After the Mayor consulted with the Town Attorney it was determined that the Liaison Committee could not appoint a subcommittee. This was discussed at the January 18th Liaison Committee Meeting, and it was advised that the Town Council and County Board of Supervisors could begin a Joint Transportation Committee but both bodies respectively would have to approve and appoint member(s) to the committee. The Committee must have a clearly stated purpose, advertise the place and time of the meetings, appoint two members from each of the governing bodies and report back to the respective bodies on any and all discussions and matters after their meetings. It was noted that minutes were not required. The Liaison Committee agreed to take the request to begin a Joint Transportation Committee back to both their respective bodies to see what they wanted in a joint committee and make necessary appointments if desired.

It was noted during the Liaison Committee that the “subcommittee” was meeting the third Wednesday of every month at 4:00pm in the Warren County Government Center. It was also suggested to have an agenda ahead of time so that staff attending would be prepared.

Appointments could be for the end of the councilmembers term or appointed every January.

Budget/Funding: None

Staff Recommendation: Council take desired actions. Members appointed to the Joint Transportation Committee will be placed on the consent agenda for February 26th.



COUNCIL REGULAR WORK SESSION AGENDA STATEMENT

Meeting Date: February 5, 2024

Item# 04A

Agenda Item: Out-of-town utility connection application from the Catholic Diocese of Arlington and Warren County Board of Supervisors

Summary: The Town received a request for water and sewer connection from Warren County and Catholic Diocese of Arlington for O Criser Road which is located outside the corporate limits in November 2023. This item was discussed in detail at the work sessions on January 2nd and 8th of this year to include the Town Code which addresses extension of water and sewer service outside of town limits.

During the discussion, it was determined that the Town would not request a boundary line adjustment and would proceed with the application for the request of out-of-town water and sewer service. To approve this out-of-town request for water and sewer service, the Town will need to amend the code section in Chapter 134-1D to add this area to the exceptions for the moratorium area.

Budget/Funding: N/A

Staff Direction: Staff needs approval to advertise for a public hearing on the code change and confirmation on when to approve the request for out-of-town water and sewer connections.

D. EXTENSION MORATORIUM AREAS: Recognizing demonstrated service issues in providing utility service to certain areas within Warren County, a moratorium of utility connections and extensions to all undeveloped properties or lots not served by Town utilities as of the date of adoption of this Code Section is established that shall require sufficient studies and modeling prior to the Town's consideration of additional connections or extensions with the exception of:

1. Property zoned commercial or industrial that is currently located within the Rt. 522 Corridor as defined in that "Amendment to an Agreement between the County of Warren and the Town of Front Royal Regarding the Provision of Water and Sewer Service by the Town in the U.S. Route 522/340 North Corridor and the Assumption of Full Funding and Responsibility by the County of Fire/Rescue, Parks/Recreation Operations, and Animal Control Services" dated August 9, 1999, entered into between the Town of Front Royal, Virginia, and County of Warren, Virginia as both sides of U.S. Routes 522/340 North of the Town of Front Royal, extending to Crooked Run on the West, the Norfolk Southern Railroad tracks on the East, and Fairground Road (SR 661) to the North;
2. Blue Ridge Shadows Subdivision as platted on November 26, 2012.
3. McKay Property jointly owned by the Town and County as platted on November 26, 2012
4. Henselstone Subdivision as platted on November 26, 2012.
5. Guard Hill Rd parcels located within 100' of existing water main on November 26, 2012
6. Harmony Hollow Road parcels located within 100' of the existing water main on November 26, 2012.

7. Tax Map # 28-128, 0 West Criser Road

(Added "D" 6-25-12-Effective Upon Passage; Amended 12-10-12-Effective Upon Passage)



APPLICATION FOR OUT-OF-TOWN UTILITY CONNECTION

Town of Front Royal
Public Works
800 Crosby Rd – PO Box 1560
Front Royal VA 22630
(540) 635-7819 (O) • (540) 635-8973 (F)
www.frontroyalva.com

Application Date: 11/9/23
Owner(s) / Applicant(s) Full Name: Greenway Engineering, Inc
Mailing Address: 151 Windy Hill Lane
City/State/Zip: Winchester, VA 22602
Daytime Phone: 540-662-4185 Email: mawhitacre@greenwayeng.com
Property Address/Lot #: Tax Map #28 128, 0 Criser Road

IF RESIDENTIAL:

Type of Unit: ☐ Single Family ☐ Townhouse ☐ Duplex/Multi Family

IF COMMERCIAL or INDUSTRIAL:

Type of Business: Church
Number of Employees: _____ Hours of Operation: _____
Estimated Usage: 4,000 gallons per day

ALL APPLICANTS:

Number of Toilets: _____ Urinals: _____ Sinks: _____ Tubs/Showers: _____
Size of Meter (Must match water service size): 1.5"
Fire Suppression Required: Yes / No Meter size 4"

THIS SECTION TO BE COMPLETED BY WARREN COUNTY PLANNING DEPARTMENT

Application Approved by Board of Supervisors: _____ Date: _____
Application Approved by Building Department: _____ Date: _____
Application Approved by Planning Staff: _____ Date: _____
Director of Planning Signature: _____ Date: _____

TOWN APPROVAL PROCESS

- ✓ Approval of Connection by Town Council if applicable (Four Weeks)
- ✓ Review of Site Plans if applicable (Three Weeks per submittal)
- ✓ If Commercial–Completion of PILOT Agreement, if applicable-through Town Attorney's Office (Two Weeks)
- ✓ Payment of Applicable Fees through Finance Department (One Week)
- ✓ Developer provides and installs all equipment (pipes, valves, meters, etc.)

THIS SECTION TO BE COMPLETED BY PUBLIC WORKS

Water & Sewer Availability: _____

Utility Extension Required: _____

Utility Plans Reviewed & Approved: _____

PILOT Agreement Completed: _____

Confirmation from Director of Finance that Taxes have been paid in full: ____ Date: _____

Signature: _____

FEES:

Water Connection Fee _____

Water Additional Fee _____

Fire Suppression Fee _____

Sub Total (Water) _____

Sewer Connection Fee _____

Sewer Additional Fee _____

Sub Total (Sewer) _____

TOTAL _____

Public Works Director Signature: _____ Date: _____

134-71.1 PURCHASE OF WATER AND SEWER TAPS

- A water and sewer connection can be purchased from the Town of Front Royal only for a specific, designated building site or lot.
- Once an application to purchase a water and sewer connection has been received, the connection shall not be transferrable to another site.
- If the water and sewer connection is not installed within twelve (12) months from the date of purchase because the purchaser is not ready for actual installation, the purchase shall be voided and the purchase price alone shall be refunded without interest.
- Water and sewer connection fees shall be paid upon application. However, when a single developer in a single application requests the purchase of six (6) or more water and sewer taps for six (6) or more building units, the connection fee for each tap may be paid upon actual installation of each respective tap. **(Ord. No. 2-86 Added Entire Section 2-10-86-Effective Upon Passage)**

GENERAL INFORMATION

1. A site plan or plat depicting the utility connection locations to the Town water and sewer mains must be included with this application. Warren County may release building permit upon Town approval of site plans.
2. All owner information must be completed and Warren County approvals received prior to processing by the Town.
3. The tax map number can be found on your Zoning or Building permit. If you do not know this number, it can be obtained from the County Planning Department (540-636-3354).
4. Connection fee information can be obtained from the Town website www.frontroyalva.com or by contacting Public Works (540) 635-7819.
5. For tenant occupied structures, separate water meters must be provided for each unit.
6. Information about the Town's PILOT program and Out-of-Town Water & Sewage Service Agreement can be obtained from the Town website www.frontroyalva.com or by contacting the Town Attorney at (540) 635-8007. Warren County may release Occupancy Permit upon completion of PILOT Agreement.
7. Out-of-Town residential & industrial fees & rates are 200% in-Town rates.

COPY

WARREN COUNTY
CONDITIONAL USE PERMIT APPLICATION

E. Gov Number: CWP295-2023
Application Number: CWP2023-12-02
Date Received: 11/15/23
Fee Amount: \$ 7500 CH34030
Date Paid: 11/15/23

Applicant Information:

Catholic Diocese of Arlington

Applicant(s) Name

200 North Glebe Road, Suite 704	Arlington	VA	22203
<i>Address</i>	<i>City</i>	<i>State</i>	<i>Zip</i>

0 Criser Road, TM #28-128

Property location for conditional use permit if different than applicant's address

703-209-0222	bonnie.vancheri@arlingtondiocese.org
<i>Primary Contact Number</i>	<i>Email</i>

Criser Rd, LLC

Property Owner(s) (if same as applicant, leave blank)

3758 Players Club Drive	Southport	NC	28461
<i>Address</i>	<i>City</i>	<i>State</i>	<i>Zip</i>

Robert Kielley	b.b.kielley@yahoo.com
<i>Primary Contact Number</i>	<i>Email</i>

Respectfully request that a determination be made by the Warren County Planning Commission and Board of Supervisors on the following request for a Conditional Use Permit for the property described below.

A. Property Information:

- (1) Magisterial District: South River
- (2) Tax Map Number: 28-128
- (3) Subdivision Name: N/A
- (4) Total Area of Property (acres): 8.4769
- (5) Current Zoning: Agricultural (A)

B. Proposed Use of Property

- (1) State the proposed use(s) for the Conditional Use Permit: Church
- (2) Current land use and condition of site: Vacant
- (3) Zoning of surrounding land/property: Agricultural, Commercial, Residential, Industrial
- (4) Will development be staged? ☐ Yes ☒ No
- (5) Construction Time: Construction will begin after site plan approval
- (6) Season, days, and hours of operation: _____
- (7) Will there be a sign? ☐ Yes ☐ No
(If yes, please submit a sketch of the sign(s) showing size and shape and the sign permit check list with this application.)
- (8) Have there been any prior applications for a conditional use permit/variance for this property? (If yes, enter the permit number and/or name, date of action, action taken by the Planning Commission, Board of Zoning Appeals and/or Board of Supervisors and a description of the request.) N/A
- (9) Number of full time employees: 4
- (10) What type of sewage disposal system will be used? ☐ Private ☐ Central ☒ Public
- (11) Number of persons to be served by the sewage disposal system: _____
- (12) Number of parking spaces to be provided: Regular 145 Handicap 6
- (13) What is the proposed landscaping and buffering for this property? _____
Landscaping and buffering are per the Zoning Ordinance requirements

C. Plans Prepared By

Name: Greenway Engineering, Inc

Address: 151 Windy Hill Lane, Winchester, VA 22602

Telephone Number: 540-662-4185

D. Environmental Information

- (1) Will this proposed use adversely impact the community of the environment? (If yes, what are the adverse impact(s) and what is proposed to solve these adverse impacts?) _____
Endangered and Threatened Species report indicated there is potential habitat for Loggerhead Shrike, Madison Cave Isopod, Brook Floater, Indiana Bat, Northern Long-ear Bat, Tri-color Bat, Virginia Big-eared Bay, and Monarch Butterfly.

- (2) Will there be any debris generated from the activity? (If yes, where and in what manner will the debris be stored and how and where will it be disposed of?) _____
general household trash will be generated with the use. Dumpsters will be provided on site and hauled away regularly.

- (3) Will any potentially hazardous substances be used and/or stored on the property? (If yes, list the substances, their use and disposal of containers and substance residues.) _____
No hazardous substances will be used or stored on the property.

- (4) List any potentially hazardous emissions including, but not limited to: fumes, gases, smoke noise, liquid effluent, waste water, dust, and state what measures will be used to control these emissions. emissions from vehicles will be present on the property. The amount of emissions will be less than other potential uses because of limited weekday use at the facility.

- (5) Will there be any electrical or electronic activity which will interfere with local communications or telephone, television or radio reception? (If yes, describe the type of activity and potential interference.) there will be no electrical or electronic activity that will interfere with local communications, telephone, television or radio

- (6) What will be the impact on traffic? there will be minimal impact to traffic as peak hours of operation will be Sunday morning.

- (7) Will exterior lighting be used? (If yes, state the number of lights and the wattage of each. A lighting plan or lighting contour map may be required to show the nearest candle power as measured at ground level. exterior lighting will be used in parking areas and around building. type and location of lighting will be provided at site plan.

I/we the undersigned, do hereby respectfully agree to comply with any conditions required by the Board of Supervisors of the County of Warren, Virginia, and authorize the County personnel to go upon the property for the purpose of making site inspections. Expenses incurred in securing professional assistance in connection with the review of this application for a Conditional Use Permit shall be charged to the applicant.

Bonnie Vanchesi
Applicant(s) Signature

11/15/28
Date

Property Owner(s) Signature

Date

PLEASE NOTE: If the required documents are not provided and/or the application is incomplete, your application will not be accepted.

NOTES

**The following documents and/or information are required
to be submitted with the application:**

☒ **An application fee.**

Make checks payable to the Warren County Treasurer. A non-refundable fee will be required at the time of submittal.

☒ **A Statement of Justification**

This printed or typed statement is to summarize your proposed use and highlight any aspects of the request which are not addressed in the application form. Please note, the statement is required to be on 8 ½ x 11 size paper.

☐ **Property Management Plan.** (Short Term Tourist Rental only)

☐ **Agency Review Comments.** (As determined by Planning Staff)

☒ **A Site Plan/Survey.**

Your site plan should show the property boundaries, existing or proposed structure(s), adjacent roads, and any other pertinent information which would help outline your proposed use. A recent survey with the proposed uses/structures located on it will serve as a site plan for the purposes of this permit. The Planning Director, Planning Commission and/or the Board of Supervisors reserve the right to ask for an engineered site plan, if they deem it necessary for evaluation of the proposed conditional use permit.

☐ **Sewage Disposal and Well Site.**

Location of the existing or proposed septic system & drainfield and the well site are to be indicated on the survey or central/public connection location.

☒ **A copy of the deed to the property verifying the current ownership.**

A copy may be obtained at the Warren County Courthouse, Circuit Clerk's Office.

☒ **A statement verifying that real estate taxes have been paid.**

This may be obtained from the Treasurer's Office in Suite 800 of the Warren County Government Center.

☒ **Environmental and Community Impact Statements**

The Planning Director, the Planning Commission, and/or the Board of Supervisors reserve the right to ask for an environmental and/or community impact statements, prepared by a certified engineer or other person qualified to perform such work, if they deem it necessary for evaluation of the proposed request.

☒ **Location Map**

A map clearly legible, showing the location of the proposed project in relation to surrounding publicly maintained roads and showing the use of surrounding properties. County staff can assist in obtaining this information.

☒ **Directions to your property from the Warren County Government Center.**

from 220 N. Commerce Street, turn left towards 2nd Street, then turn right onto E. 2nd Street, turn left
onto N. Royal Avenue, then right onto West Criser Road

**STATEMENT OF JUSTIFICATION
St. John the Baptist Conditional Use Permit**

Tax Map# 28-128

Owner/Applicant: Catholic Dioceses of Arlington

November 15, 2023

Catholic Dioceses of Arlington (hereinafter the “Applicant”) of Tax Map Parcel 28-128 (the “Property”), which is currently owned by Criser Road, LLC, is seeking a Conditional Use Permit (CUP) for Tax Map Parcel 28-128 for a church use. The Property has frontage on Luray Avenue and West Criser Road in Warren County, immediately adjacent to the Town of Front Royal.

Land Use Compatibility

The Applicant seeks to develop a church use on the Property pursuant to CUP approval. The proposed use will consist of a 10,690 SF sanctuary building and a 10,500 auxiliary support building with associated parking that will meet applicable ordinance requirements. The proposed configuration of the use is shown on the plan entitled “Concept Plan,” prepared by Greenway Engineering, dated November 15, 2023 and submitted with this CUP application.

The Property is currently zoned Agriculture (A) District. It is bordered by properties to the north and east zoned R-1, Residential, properties to the south are zoned C, Commercial and A, Agricultural, and property to the west is zoned A, Agricultural.

The Warren County Comprehensive Plan’s Future Land Use Map identifies the functional classification of Luray Avenue as an Urban Collector Road and does not call for a classification change. The Town of Front Royal Comprehensive Plan 2023 identifies West Criser Road as a Major Collector Road. There are no improvements proposed in the Town Transportation Improvements Plan or in the referenced Rural Long Range Transportation Plan published by the Northern Shenandoah Valley Regional Commission (NSVRD). Note: Comprehensive Plan Final Draft May 19, 2023, was referenced for transportation items.

The Property is located directly around established residential, commercial and government owned properties. The proposed church use is compatible with the established land use pattern in this area of the County.

Current Land Use

Currently the Property is vacant/undeveloped land. Per historical aerial photos, there is no evidence of prior use or activity of historical significance on the Property.

Future Land Use

Future land use will consist of transforming a portion of the 8.4769± acres of Agricultural (A) District into a church use consisting of a sanctuary building, auxiliary support building, and associated parking. The norther portion of the property will remain open space.

Transportation

2018 Warren County Comprehensive Plan

The Warren County Transportation Plan contained in the 2018 Comprehensive Plan identifies the functional classification of Luray Avenue as an Urban Collector Road and does not call for a classification change. The entrance to the subject property will be located off West Criser Road, which is a Town-maintained road. Approval of the proposed entrance will need to be obtained from the Town of Front Royal.

Town of Front Royal Comprehensive Plan 2023

The Transportation Plan Exhibit within the Town of Front Royal Comprehensive Plan 2023 identifies West Criser Road as a Major Collector Road. There are no improvements proposed in the Town Transportation Improvements Plan or in the referenced Rural Long Range Transportation Plan published by the Northern Shenandoah Valley Regional Commission (NSVRD). Note: Comprehensive Plan Final Draft May 19, 2023 was referenced for transportation items.

Existing Conditions

The intersection of Luray Avenue and West Criser Road consists of a sign-controlled four way stop.

Proposed Conditions

The conceptual layout for the church use proposes the entrance to the subject property off West Criser Road on the southern portion of the property in order to avoid the 100 year floodplain. The entrance consists of two lanes, entrance and exit lanes.

Sunday Peak Hour Traffic Volume is projected at 111 trips. This projection was generated using ITE Trip Generation 11th Edition (Church land use, ITE Code 560). These trips can be accommodated by the surrounding road network in its existing condition. As such, the proposed use will have minimal impact on local roads.

Water and Sewer

If the CUP application is approved, the Property will be served with public water and sewer provided by the Town of Front Royal, and the Applicant has applied for out-of-town water and sewer service through the Town of Front Royal accordingly. If the application is denied, the property will acquire appropriate approvals for service via private drainfield and well.

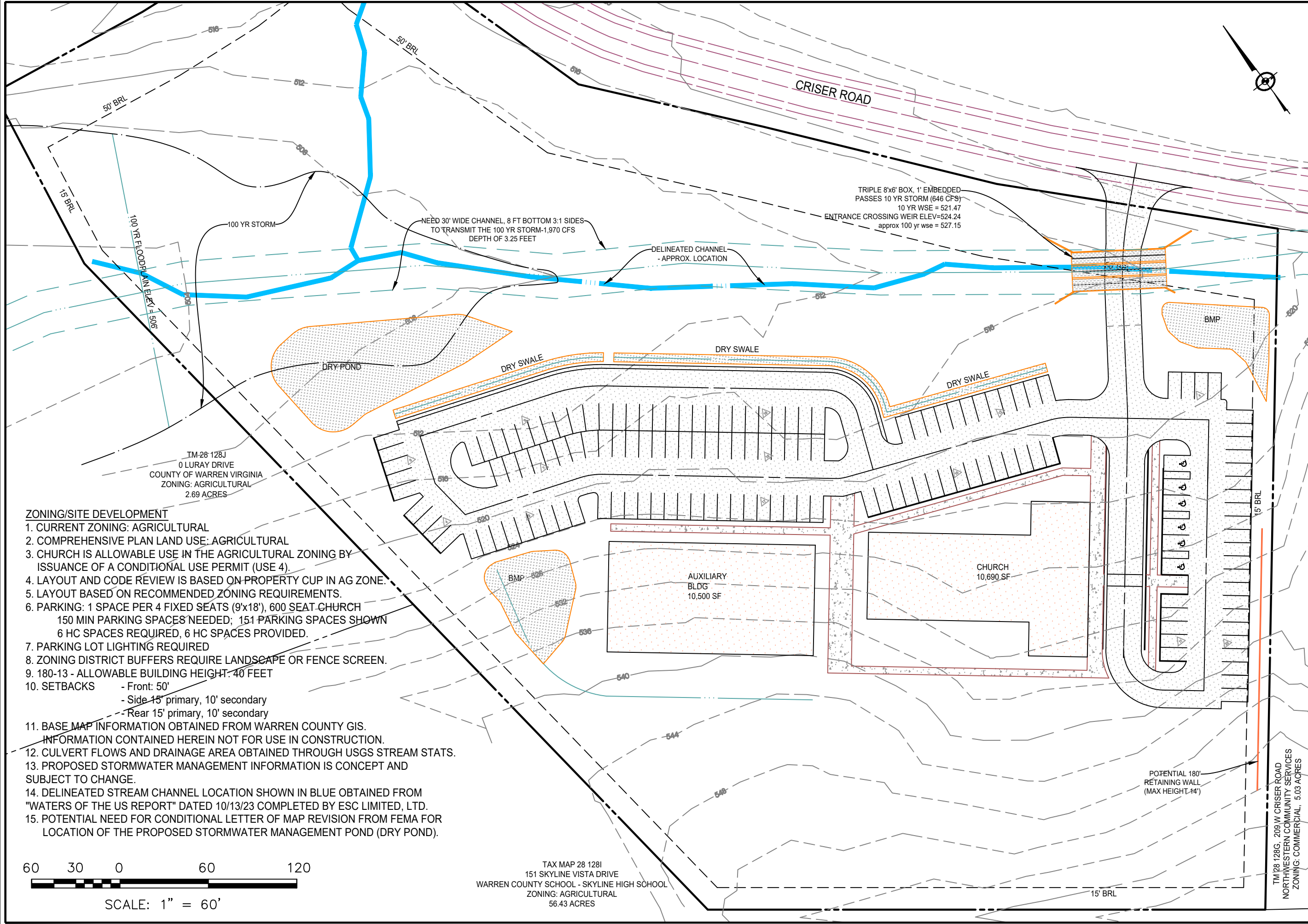
Economic Impacts

The proposed use is consistent with the County's Comprehensive Plan and its policy objectives of increasing the non-residential tax base. This proposed use will provide a moderate benefit to the County by transforming vacant land with minimal tax revenue into a source of moderate tax revenue for years to come.

Conclusion

The proposed CUP is justified inasmuch as it implements the goals and objectives of the Warren County Comprehensive Plan. Notably, the CUP will enable development of an institutional use that will utilize Town of Front Royal public facilities and is designed to preserve the rural character and natural features of the Property.

The proposed CUP will contribute to the diversity of land uses essential to a distinctive and inclusive sense of place that is both compatible with and complementary to the Comprehensive Plan. As such, your favorable consideration of this CUP request is respectfully requested.



ZONING/SITE DEVELOPMENT

1. CURRENT ZONING: AGRICULTURAL
2. COMPREHENSIVE PLAN LAND USE: AGRICULTURAL
3. CHURCH IS ALLOWABLE USE IN THE AGRICULTURAL ZONING BY ISSUANCE OF A CONDITIONAL USE PERMIT (USE 4).
4. LAYOUT AND CODE REVIEW IS BASED ON PROPERTY CUP IN AG ZONE.
5. LAYOUT BASED ON RECOMMENDED ZONING REQUIREMENTS.
6. PARKING: 1 SPACE PER 4 FIXED SEATS (9'x18'), 600 SEAT CHURCH
150 MIN PARKING SPACES NEEDED; 151 PARKING SPACES SHOWN
6 HC SPACES REQUIRED, 6 HC SPACES PROVIDED.
7. PARKING LOT LIGHTING REQUIRED
8. ZONING DISTRICT BUFFERS REQUIRE LANDSCAPE OR FENCE SCREEN.
9. 180-13 - ALLOWABLE BUILDING HEIGHT: 40 FEET
10. SETBACKS
 - Front: 50'
 - Side 15' primary, 10' secondary
 - Rear 15' primary, 10' secondary
11. BASE MAP INFORMATION OBTAINED FROM WARREN COUNTY GIS.
INFORMATION CONTAINED HEREIN NOT FOR USE IN CONSTRUCTION.
12. CULVERT FLOWS AND DRAINAGE AREA OBTAINED THROUGH USGS STREAM STATS.
13. PROPOSED STORMWATER MANAGEMENT INFORMATION IS CONCEPT AND SUBJECT TO CHANGE.
14. DELINEATED STREAM CHANNEL LOCATION SHOWN IN BLUE OBTAINED FROM "WATERS OF THE US REPORT" DATED 10/13/23 COMPLETED BY ESC LIMITED, LTD.
15. POTENTIAL NEED FOR CONDITIONAL LETTER OF MAP REVISION FROM FEMA FOR LOCATION OF THE PROPOSED STORMWATER MANAGEMENT POND (DRY POND).

60 30 0 60 120

SCALE: 1" = 60'

TAX MAP 28 128I
151 SKYLINE VISTA DRIVE
WARREN COUNTY SCHOOL - SKYLINE HIGH SCHOOL
ZONING: AGRICULTURAL
56.43 ACRES

TM 28 128G, 209 W CRISER ROAD
NORTHWESTERN COMMUNITY SERVICES
ZONING: COMMERCIAL, 5.03 ACRES

ST. JOHN THE BAPTIST - W. CRISER ROAD PROPERTY CONCEPT DEVELOPMENT PLAN

SOUTH RIVER MAGISTERIAL DISTRICT
WARREN COUNTY, VIRGINIA



151 Windy Hill Lane
Winchester, Virginia 22602
Telephone: (540) 662-4185
Fax: (540) 722-9528
www.greenwayeng.com

PROUDLY SERVING VIRGINIA & WEST VIRGINIA
OFFICES IN: WINCHESTER & ASHBURN, VA & MARTINSBURG, WV

DATE: 11/15/2023

SCALE: 1"=60'

DESIGNED BY: RLK

FILE NO. 5282C

SHEET 1 OF 1

COUNTY OF WARREN



County Administrator's Office
Warren County Government Center
220 North Commerce Avenue, Suite 100
Front Royal, Virginia 22630
Phone: (540) 636-4600
Facsimile: (540) 636-6066
Email: edaley@warrencountyva.gov

Dr. Edwin C. Daley
County Administrator

MEMORANDUM

TO: Chase Lenz, Zoning Administrator

FROM: Zach Henderson, Deputy Clerk of the Board

SUBJECT: Application for Out-Of-Town Utility Connection - 0 Criser Rd (Tax Map 28, Parcel 128) - Catholic Diocese of Arlington

DATE: December 13th, 2023

The Board of Supervisors, at its meeting on December 12, 2023, approved the out-of-town utility connection request of Greenway Engineering, Inc. for the property identified on tax map 28 as parcel 128 and authorized Planning staff to submit this application to the Front Royal Town Manager on the County's behalf.



APPLICATION FOR OUT-OF-TOWN UTILITY CONNECTION

Town of Front Royal
Public Works
800 Crosby Rd – PO Box 1560
Front Royal VA 22630
(540) 635-7819 (O) • (540) 635-8973 (F)
www.frontroyalva.com

Application Date: 11/9/23

Owner(s) / Applicant(s) Full Name: Greenway Engineering, Inc

Mailing Address: 151 Windy Hill Lane

City/State/Zip: Winchester, VA 22602

Daytime Phone: 540-662-4185 Email: mawhitacre@greenwayeng.com

Property Address/Lot #: Tax Map #28 128, 0 Criser Road

IF RESIDENTIAL:

Type of Unit: ☐ Single Family ☐ Townhouse ☐ Duplex/Multi Family

IF COMMERCIAL or INDUSTRIAL:

Type of Business: Church

Number of Employees: _____ Hours of Operation: _____

Estimated Usage: 4,000 gallons per day

ALL APPLICANTS:

Number of Toilets: _____ Urinals: _____ Sinks: _____ Tubs/Showers: _____

Size of Meter (Must match water service size): 1.5"

Fire Suppression Required: Yes / No Meter size 4"

THIS SECTION TO BE COMPLETED BY WARREN COUNTY PLANNING DEPARTMENT

Application Approved by Board of Supervisors: Approved Date: 12/12/2023

Application Approved by Building Department: Approved Date: 12/13/2023

Application Approved by Planning Staff: Approved Date: 12/13/2023

Director of Planning Signature: Matt Wendling Date: 12/13/2023

TOWN APPROVAL PROCESS

- ✓ Approval of Connection by Town Council if applicable (Four Weeks)
- ✓ Review of Site Plans if applicable (Three Weeks per submittal)
- ✓ If Commercial–Completion of PILOT Agreement, if applicable-through Town Attorney's Office (Two Weeks)
- ✓ Payment of Applicable Fees through Finance Department (One Week)
- ✓ Developer provides and installs all equipment (pipes, valves, meters, etc.)

THIS SECTION TO BE COMPLETED BY PUBLIC WORKS

Water & Sewer Availability: _____

Utility Extension Required: _____

Utility Plans Reviewed & Approved: _____

PILOT Agreement Completed: _____

Confirmation from Director of Finance that Taxes have been paid in full: ____ Date: _____

Signature: _____

FEES:

Water Connection Fee _____

Water Additional Fee _____

Fire Suppression Fee _____

Sub Total (Water) _____

Sewer Connection Fee _____

Sewer Additional Fee _____

Sub Total (Sewer) _____

TOTAL _____

Public Works Director Signature: _____ Date: _____

134-71.1 PURCHASE OF WATER AND SEWER TAPS

- A water and sewer connection can be purchased from the Town of Front Royal only for a specific, designated building site or lot.
- Once an application to purchase a water and sewer connection has been received, the connection shall not be transferrable to another site.
- If the water and sewer connection is not installed within twelve (12) months from the date of purchase because the purchaser is not ready for actual installation, the purchase shall be voided and the purchase price alone shall be refunded without interest.
- Water and sewer connection fees shall be paid upon application. However, when a single developer in a single application requests the purchase of six (6) or more water and sewer taps for six (6) or more building units, the connection fee for each tap may be paid upon actual installation of each respective tap. (Ord. No. 2-86 Added Entire Section 2-10-86-Effective Upon Passage)

GENERAL INFORMATION

1. A site plan or plat depicting the utility connection locations to the Town water and sewer mains must be included with this application. Warren County may release building permit upon Town approval of site plans.
2. All owner information must be completed and Warren County approvals received prior to processing by the Town.
3. The tax map number can be found on your Zoning or Building permit. If you do not know this number, it can be obtained from the County Planning Department (540-636-3354).
4. Connection fee information can be obtained from the Town website www.frontroyalva.com or by contacting Public Works (540) 635-7819.
5. For tenant occupied structures, separate water meters must be provided for each unit.
6. Information about the Town's PILOT program and Out-of-Town Water & Sewage Service Agreement can be obtained from the Town website www.frontroyalva.com or by contacting the Town Attorney at (540) 635-8007. Warren County may release Occupancy Permit upon completion of PILOT Agreement.
7. Out-of-Town residential & industrial fees & rates are 200% in-Town rates.

EXCERPT FROM JANUARY 2ND WORK SESSION MINUTES

A. Out of Town Utility Connection Application from the Catholic Diocese of Arlington and Warren County Board of Supervisors – Town Manager Joe Waltz read the summary: The Town received a request for water and sewer connection from Warren County and Catholic Diocese of Arlington for 0 Criser Road which is located outside the corporate limits. The Town Code addresses extension of water and sewer service to Warren County in Chapter 134-1 C EXTENSION POLICY BEYOND TOWN LIMITS and Chapter 134-1 D. EXTENSION MORATORIUM AREAS which is included in the packet. In Chapter 134-1C states that The Town Council will decide on a case-by-case basis whether to provide water and sewer to the proposed property(ies) as well as whether a boundary adjustment is appropriate. In Chapter 134-1D states a moratorium of utility connections and extensions in Warren County to all undeveloped properties or lots not served by Town utilities as of the date of adoption of this Code Section is established that shall require sufficient studies and modeling prior to the Town's consideration of additional connections or extensions with the exception of: 1)Route 522 Corridor; 2) Blue Ridge Shadows; 3) McKay Properties; 4) Henselstone Subdivision; 5) Guard Hill Rd parcels located within 100' of existing water main; and 6)Harmony Hollow Road parcels located within 100' of the existing water main. He advised that Council was to consider whether they wanted a boundary line adjustment.

Councilwoman DeDomenico-Payne questioned how the water usage was measured and will infrastructure support it. Director of Public Works Robbie Boyer advised that 4,000 gallons a day was what the engineer used, noting that it was not a bad draw. It was confirmed that churches receive the first 3,000 gallons free of charge and there was no tax benefit if boundary line adjusted into the Town; however, if there was no boundary line adjustment, they would pay twice the rate over 3,000 gallons.

Councilman Wood suggested negotiating sidewalks for building in Town limits if it was approved as a boundary line adjustment. It was confirmed that the other commercial businesses in the immediate area were paying out of town rates.

Mr. Waltz reiterated whether Council wanted a boundary line adjustment. Mr. Sonnett reminded Council that any decision was unilateral with the County.

Council agreed to bring back to the January 8th work session for further discussion.

EXCERPT FROM JANUARY 8TH WORK SESSION MINUTES

B. Out of Town Utility Connection Application from the Catholic Diocese of Arlington and Warren County Board of Supervisors Continued Discussion – Marissa Whitacre with Greenway Engineering was in attendance and available to answer any questions. Mayor Cockrell gave an overview from last week's work session. Town Manager Joe Waltz reminded Council that the applicant was asking for out-of-town water and disclosed that there was a moratorium on certain areas listed in the Town Code.

Ms. Whitacre was introduced at this time and explained that the 4,000 gallons of water usage a day was based off the seating capacity of churches recommended by state code. She advised that the construction was in two phases. The first phase was the construction of a gymnasium for overflow of church services and phase two was the sanctuary, stressing that the church downtown was not going to be closed. In the future the hopes were to purchase the adjacent parcel for field activities advising that there was no intention of

opening a school on the site. She stated that the church was aware that the fees would be double if not boundary line adjusted into the Town limits, noting that there were utility lines already on the property. She stated that the entire build out would be a little over 20,000 square feet when completed.

Town Attorney George Sonnett reminded Council that there was a moratorium in Town Code for extensions of water and sewer and if Council were to extend water and sewer to the site, the Town Code would have to be amended to include this area.

Councilman Wood stressed the importance of sidewalks for children and approving a boundary line adjustment could assist with that construction. Discussion ensued as to whether sidewalks were required during the site plan process.

Mr. Waltz reiterated that Council first consider whether to approve a boundary line adjustment if not then Council would decide whether to provide water out of town. Mr. Sonnett reiterated that if Council were to provide out of town water without a boundary line adjustment, then a Town Code amendment was required. Ms. Whitaker confirmed that the applicant wanted either a boundary line adjustment or out of town water.

Mayor Cockrell summarized the three options: 1) boundary line adjustment, 2) provide out of town water or 3) provide nothing. Councilman Ingram asked that the applicant request in writing what they wanted. Mr. Sonnet stated that a boundary line adjustment could be triggered by a Resolution and then provided to the County. If there was an agreement to provide out of town water the Town Code would be amended to revise Section 134.D. Council discussed the advantages and disadvantages of each option with the consensus to give the applicant out of town water. Mr. Waltz suggested bringing this item back to the work session on February 5th with a draft Town Code amendment. Ms. Whitacker advised that the County had asked them to place a sidewalk along Criser Road.



CLOSED MEETING AGENDA STATEMENT

Meeting Date: February 5, 2024

Item# 05

Motion 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 purposes:

- 1) pursuant to Section 2.2-3711(A)(3) of the Code of Virginia, for 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, "McKay Springs"; 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, more specifically, a memorandum of understanding between the Town and the Front Royal EDA

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 Seacock _____ Ingram _____ Morris _____ Rappaport _____ DeDomenico-Payne _____ Wood _____