

July 9, 2026

Minutes of the Washington County Commissioners'
Unorganized Territories Regular Meeting
Held July 9, 2026
in the Washington County Courthouse,
Second Floor, Courtroom #3
Machias, Maine

Attending the meeting were:

Commissioner David C. Burns
Commissioner Billy Howard
Commissioner Courtney Hammond
Renée Gray, County Manager
Carla Manchester, Administrative Assistant
Tammy Gay, Deeds
Heather Green, Deeds
Susan Albee, East Machias
Keith Albee, East Machias
Leigh MacKeen, Whitneyville
Melody Gray, Addison
Henry, Jonesport
Paula Johnson-Rolfe, WCSO
Barry Curtis, Sherriff
Michael Crabtree, Chief Deputy
Rich Rolfe, WCSO/Jail Administrator
Tova Hold, Computer Guy
James Hampton, Computer Guy
Megan Huffman, Finance
Mike Roukas, East Machias
Will Tuell, East Machias
Paula Horvath, Eastport
Lisa M. Hanscom, EMA
Amy Barnard, Lubec
Josh Rolfe, RCC/WCSO
Darlene Perry, Probate
Charles Rudelitch, SCEC
Dan Morton, Cutler
David J. Brock, Lubec
David Lund, Pembroke
Candace Davidson, East Machias
Jessica Brockington, Beals
Bethanie Beal, Beals
Dan Daley, Lubec/BAC
Mark Kelley, Lubec
Skip Colson, Alexander

July 9, 2026

Sonnie Shepheard, Sullivan
Brian Nadeau, Bangor
George Davis, Addison
Carol Davis, Addison
Judy Meyer, Maine Monitor
Diane Sarao, Lubec
Chris Sarao, Lubec
Paul Sylvain, Machias Valley News Observer
Sonny Beal, Columbia
Charlene Hammond, Columbia Falls
Ben Edwards, Machias
Jeff Davidson, East Machias
Susan Sullivan, D.A.'s Office
Rachel Worcester, D.A.'s Office
Crystal Cushing, D.A.'s Office
Paula Wilson, Addison
Penny Sprague, Lubec
Susan Beal, Columbia
Karen Redman, Marshfield
Robert Simpson, Whiting
Cecil E. Gray, Columbia
Aidan Hammond, Jonesport
Ellie Hammond, Jonesport
Marianne Moore, Calais
David Bibber, Charlotte
Keith Auld, East Machias
Louise Ciambra, Whiting
Heron Weston, U.T.

Commissioner Burns called the meeting to order at 4 p.m.

The first order of business, the LUPC Presentation regarding the Comprehensive Land Use Plan Update, was postponed until the August meeting.

Approval of the U.T. regular meeting minutes of June 11, 2026
(Hammond / Burns, 3-0)

AGENDA ITEM: Old Business
None

AGENDA ITEM: Monthly Report

Unorganized Territories Supervisor Heron Weston's monthly report was submitted. (See attached)

July 9, 2026

Heron reported U.T. Fiscal Administrator Chip Jones hosted a managers' collaboration meeting for all U.T. Managers around the state. Heron state the meeting was very interesting and helpful.

Heron stated he needed to address the issue of approving a Liquor License in June. He noted he had not had to handle liquor licenses to this point. Heron summarized the options in which this can be handled moving forward, and he stated there may be options of how to handle approval of the license based on if the request is for a new establishment, a renewal for an establishment, or a request for a single event. By consensus, the Commissioners directed Heron to handle license renewals and one-time events; Commissioners' approval will be needed for new establishments.

Heron reported there has been discussions with a number of local municipal officials about a regional Animal Control Officer. Heron noted collaborative efforts could improve the level of service.

Heron presented a renewal for the Animal Control Officer Contract with Jessica Lewis. The contract is the same as last year with the addition to a clause to allow Lewis to authorize another certified ACO to fill in if she is unavailable. The contract is a one-year term with a flat rate of \$4,800.00 per year.

MOTION Commissioner Burns moved to approve the Animal Control Officer Contract between Jessica Lewis and the Washington County U.T. as presented.
(Burns / Hammond, 3-0)

Heron presented a proposal to formally designate and compensate Barks and Bubbles Shelter in East Machias as the Animal Shelter for the U.T. The contract presented is for one year with a flat rate of \$2,400.00 with a provision for exceptional costs. Heron noted the U.T. has used this shelter in the past.

MOTION Commissioner Hammond moved to approve the contract with Barks and Bubbles Shelter and designate the shelter as the Animal Shelter for U.T. as presented.
(Hammond / Howard, 3-0)

AGENDA ITEM: TIF Grant Committee Update

Sunrise County Economic Council Executive Director Charles Rudelitch submitted a written report. (See attached.)

July 9, 2026

Charles reported the SCEC staff has contacted Dennis Mahar regarding the allowable uses of interest earned on funds in the community benefit agreement and tax increment financing accounts. Attorney Mahar has agreed to look into this matter. Documents have been provided to Attorney Mahar.

Charles stated there has been a staff change; Meredith Mawhar is no longer employed by SCEC. This has caused a redistribution in duties temporarily. Charles noted he anticipates having a more permanent staffing solution in place by September.

Charles presented a Downeast Wind TIF Grant request. The request of funds is from Epping Volunteer Fire District for an amount of \$270,123.00 for the purpose of purchasing a 400-gallon brush truck. Epping Fire Department provides primary coverage for the Downeast Wind TIF District including all the Downeast Wind turbines, equipment, and transmission lines that are in the U.T. This truck would provide quicker and more effective responses to wildfires that could threaten the TIF district. Fire Chief Cecil Gray noted Epping Fire is responsible for five townships and districts. Several quotes were received by solicitation. Epping selected the quote from Midwest Fire. Commissioner Howard asked about the delivery timeframe. Mr. Gray responded there is a 7-to-12-month delivery timeframe. After a review of the Downeast Wind TIF development program and the State of Maine's approval letter, and an extensive discussion with Mr. Gray, the U.T. TIF Grant Committee recommends approval of a grant of \$270,123.00 to Epping Volunteer Fire District to purchase the proposed brush truck.

MOTION Commissioner Burns moved to approve the TIF Grant in the amount of \$270,123.00 to Epping Volunteer Fire District as presented. (Burns / Howard, 2-0-1)

Commissioner Hammond stated he abstained from the vote due to a conflict of interest.

AGENDA ITEM: Public Comment

None

ADJOURNMENT

4:22 p.m.

ATTEST:


Carla J.R. Manchester, Admin. Asst.

103



83 Court St
PO Box 297
Machias, ME 04654
(207)255-8919
supervisor@wcut.maine.gov
www.wcut.maine.gov

UNORGANIZED TERRITORIES MONTHLY REPORT

July 9th, 2026

1. SOLID WASTE

- a. UT Transfer Station Permits expired at the end of June. Residents have been reaching out to request replacements which will remain valid until June 30, 2028.
- b. The majority of the permits are issued to Marion Transfer Station users (155 last year) with another 20 going to users of Cherryfield Transfer Station. Other transfer stations used by UT residents (Baileyville, Danforth, Grand Lake Stream, Topsfield, Vanceboro) do not regularly require users to show permits.

2. 911 ADDRESSING

- i. This office has completed a major 911 addressing project on new and existing development in the UT on both sides of Route 9 from the Wesley townline to the Beddington townline.
- ii. The next project is to complete the addressing work begun in Sakom Twp.

3. ADMINISTRATION

- a. UT Managers collaboration meeting
 - i. The Fiscal Administrator of the UT (Chip Jones) hosted the inaugural meeting of all the UT Managers from around the state. Topics included:
 1. EMS availability and cost challenges
 2. Animal Control Officer regionalization
 3. Establishing fair contract costs for services
 4. Dramatic development increases
 - a. Increasing demand for services
 - b. Realistic expectations from new residents
 - c. How big is too big to still be a UT?

4. EMS

- a. Downeast EMS update
 - i. Downeast EMS has lost about \$150,000 over the past 12 months (JUN25 - MAY26). At the end of May the bank account had about \$500,000 in it.

- ii. Staffing increased in the Fall of 2025 but revenue, from an increasing call volume, has yet to come through (reimbursement lag).
- iii. Town stipends increased starting July 1 which should bring in an extra \$30,000 per year.

5. MISC

- a. Liquor License approval in the UT
 - i. The Maine Bureau of Alcoholic Beverages & Lottery Operations received a license application for an event in which alcohol will be sold (Incorporated Civic Organization Special Event License) in Forest City Township.
 - ii. This type of license requires municipal approval. However, the timeframe was too short to align with a Commissioner's meeting. (Application submitted - 6/5, Event date - 6/13)
 - iii. SOME OPTIONS
 - 1. Automatic approval (The state does not even contact the municipality)
 - 2. Authorized official reviews and approves applications
 - 3. County Commissioner vote
 - 4. The options can mixed depending on the type of license requested (new establishment, establishment renewal, single event)

6. ANIMAL CONTROL

- a. Regional Animal Control Officer discussion
 - i. This office participated in a discussion with a number of local municipal officials about the current state of ACO services in the area and future collaborative efforts that could improve that level of service.
- b. Animal Control Officer
 - i. Renewal of the Animal Control Officer Contract with Jessica Lewis
 - ii. Same contract as the current one with the addition of a clause (#8) to allow Lewis to authorize another certified ACO to fill in if she is unavailable.
 - iii. ACTION ITEM
 - 1. Motion to appoint Jessica Lewis as the Animal Control Officer for the UT
 - 2. 1 year (July 2026 - June 2027)
 - 3. \$4,800 per year
- c. Animal Shelter Contract
 - i. Formal designation and compensation of Barks and Bubbles Shelter (in East Machias) as the Animal Shelter for the UT.
 - ii. ACTION ITEM
 - 1. Motion to designate Barks and Bubbles Shelter as the Animal Shelter for the UT
 - 2. 1 year (July 2026 - June 2027)
 - 3. \$2,400 per year



83 Court St
PO Box 297
Machias, ME 04654
(207)255-8919
supervisor@wcut.maine.gov
www.wcut.maine.gov

ANIMAL CONTROL COVERAGE CONTRACT

Between Jessica Lewis and the Washington County Unorganized Territories, Maine

This Agreement is made this **July 9th, 2026**, by and between **Jessica Lewis**, residing at 665 Cutler Rd, Machiasport, ME 04655, hereinafter referred to as the *Animal Control Officer (ACO)*, and the **Washington County Unorganized Territories**, with a mailing address of PO Box 297, Machias, ME. 04654, hereinafter referred to as the *UT*.

1. Term of Agreement

This Agreement shall commence on **July 1, 2026**, and shall remain in effect until **June 30, 2027**, unless sooner terminated as provided herein.

2. Scope of Services

The Animal Control Officer shall:

- Enforce all State of Maine animal welfare laws (including Title 7, M.R.S. §3911 et seq.) and municipal ordinances related to animal control within the Washington County Unorganized Territories.
- Respond to animal control complaints and emergencies within the UT in a timely and professional manner.
- Pick up stray or abandoned domestic animals and transport them to a shelter designated by the UT.
- Issue warnings or summonses for violations of animal control laws as necessary.
- Provide monthly written reports of animal control activity to the UT.
- Be available for on-call services and maintain a publicly available contact number.

3. Compensation

The UT agrees to pay Jessica Lewis the sum of **\$4,800 per year**, payable in two equal payments on **July 1, 2026 and January 1, 2027**. Additional compensation for extraordinary services may be approved by the UT Supervisor upon request.

4. Expenses

The ACO shall be responsible for providing their own vehicle, equipment, insurance, and phone unless otherwise specified. The UT agrees to reimburse the ACO for pre-approved expenses such as shelter fees or veterinary costs related to the performance of official duties.

5. Insurance and Liability

The ACO agrees to maintain general liability insurance, vehicle insurance, and to register as an Independent Contractor with the Maine Worker's Compensation Board .

6. Compliance

The ACO agrees to comply with all applicable state statutes and regulations, including mandatory training and certification through the Maine Animal Control Officer program.

7. Independent Contractor

The parties agree that Jessica Lewis is an independent contractor and not an employee of the UT. Nothing in this Agreement shall be construed as creating an employer-employee relationship.

8. Emergency Coverage by Substitute Animal Control Officer

In the event of an emergency, Jessica Lewis may authorize another Maine State Certified Animal Control Officer (ACO) to respond to calls within the UT. Any substitute ACO shall be supervised and compensated solely by Jessica Lewis and shall not, under any circumstances, be considered an employee, agent, or representative of the UT.

9. Termination

This Agreement may be terminated:

- By either party with 30 days' written notice;
- Immediately by the UT for cause, including failure to perform duties;
- Upon mutual agreement in writing.

10. Miscellaneous

- This Agreement constitutes the entire understanding between the parties.
- Any modifications must be in writing and signed by both parties.
- This Agreement shall be governed by the laws of the State of Maine.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first above written.

WASHINGTON COUNTY COMMISSIONERS

ANIMAL CONTROL OFFICER

David C Burns

Jessica L Lewis

Jessica L Lewis

Billy Howard

Courtney Hammond



83 Court St
PO Box 297
Machias, ME 04654
(207)255-8919
supervisor@wcut.maine.gov
www.wcut.maine.gov

ANIMAL SHELTER SERVICES AGREEMENT

This Animal Shelter Services Agreement ("Agreement") is made and entered into this ____ day of _____, 2026, by and between:

Washington County Unorganized Territories, a municipal corporation organized under the laws of the State of Maine ("UT"),

and

Barks & Bubbles Shelter, a Maine-licensed animal shelter located at 922 Main St, East Machias, ME 04630 ("Shelter").

1. PURPOSE AND STATUTORY AUTHORITY

1.1 This Agreement is entered pursuant to 7 M.R.S. § 3949, which requires municipalities to maintain a contract or arrangement for the acceptance and sheltering of stray animals.

1.2 The Shelter represents that it is licensed in accordance with 7 M.R.S. § 3932-A and will comply with all applicable provisions of Title 7 of the Maine Revised Statutes and applicable rules of the Maine Department of Agriculture, Conservation and Forestry.

1.3 This Agreement covers stray animal intake and holding only. It does not delegate animal control enforcement duties under 7 M.R.S. § 3947.

2. TERM

This Agreement shall commence on July 1, 2026 and continue through June 30, 2027, unless earlier terminated pursuant to Section 10.

The parties may renew this Agreement annually by written agreement prior to expiration.

3. SCOPE OF SERVICES

The Shelter agrees to:

3.1 Acceptance of Stray Animals

Accept domestic stray animals delivered by the UT's duly appointed Animal Control Officer (ACO), ACO Alternate, or authorized municipal official during normal business hours, subject to reasonable capacity limitations.

3.2 Humane Care

Provide humane care, food, water, housing, and routine husbandry consistent with Maine animal welfare standards.

3.3 Holding Period

Hold stray animals for the minimum statutory holding period required under Maine law before adoption, transfer, or other lawful disposition.

3.4 Owner Identification

Make reasonable efforts to identify and notify owners of impounded animals when identification is available.

3.5 Lawful Disposition

After expiration of the statutory holding period, animals may be adopted, transferred, or otherwise disposed of in accordance with Maine law.

4. SERVICES NOT INCLUDED

This Agreement does not include:

Enforcement of animal control laws, Complaint investigation, Court-ordered animal seizures, Rabies quarantine enforcement, Emergency veterinary treatment beyond routine intake care (unless separately approved in writing)

5. FLAT ANNUAL CONTRACT FEE

5.1 Annual Fee

In consideration of the services described herein, the UT shall pay the Shelter a flat annual fee of **Two thousand four hundred dollars (\$2,400)**, payable in two installments on or around July 1st and January 1st.

This fee covers routine intake, housing, and standard care of stray animals delivered by the UT during the contract term.

5.2 Extraordinary Veterinary Costs

Extraordinary veterinary expenses exceeding **\$500** per animal shall require prior written approval of the Town for reimbursement.

5.3 Owner Redemption Fees

The Shelter may collect lawful impound and redemption fees directly from owners reclaiming animals, unless otherwise agreed.

6. CAPACITY LIMITATION

The Shelter may decline intake when it is operating at or beyond safe capacity. The Shelter shall notify the UT as soon as practicable if intake must be temporarily suspended.

The UT remains responsible for arranging alternate sheltering if necessary.

7. RECORDKEEPING AND REPORTING

The Shelter shall:

- Maintain intake and disposition records for animals received from the UT.
 - Provide an annual summary report to the UT prior to contract renewal.
 - Permit reasonable inspection of records upon request.
-

8. INSURANCE

The Shelter shall maintain general liability insurance and provide proof of coverage upon request.

9. INDEMNIFICATION

To the extent permitted by law, each party agrees to be responsible for its own acts and omissions and shall not be responsible for the acts of the other party.

Nothing herein waives the UT's governmental immunities under the Maine Tort Claims Act.

10. TERMINATION

Either party may terminate this Agreement:

- With thirty (30) days' written notice; or
- Immediately for material breach.

If terminated prior to expiration, the annual fee shall be prorated to the termination date.

11. COMPLIANCE WITH LAW

The Shelter shall remain licensed and in good standing under 7 M.R.S. § 3932-A throughout the term of this Agreement.

The UT Supervisor shall certify the Shelter's name and location in accordance with 7 M.R.S. § 3949.

12. AMENDMENTS

This Agreement may only be amended in writing signed by both parties.

This document constitutes the entire agreement between the parties.

**Washington County Commissioners
(Administrators of the Unorganized Territories)**

Barks & Bubbles Shelter

David C. Burns, Chairman

(title)

Billy Howard

(printed name)

Courtney Hammond

(signature)

PO Box 297
Machias, ME 04654
(207)255-8919

922 Main St
East Machias, ME 04630
(207)214-2872

DATE _____

DATE _____

**WASHINGTON COUNTY UNORGANIZED TERRITORIES
TAX INCREMENT FINANCING DISTRICT LOAN & GRANT PROGRAM**

**A PROGRAM OF WASHINGTON COUNTY GOVERNMENT
ADMINISTERED BY SUNRISE COUNTY ECONOMIC COUNCIL**

**Report to the County Commissioners prepared by SCEC, Executive Director – Charles Rudelitch
July 6, 2026**

There are two updates and one action item this month:

Update 1 – Legal consultation regarding allowed uses of interest income from TIF-related bank accounts

Sunrise County Economic Council (SCEC) staff reached out to Dennis Mahar regarding the allowable uses of interest earned on funds in the community benefit agreement and tax increment financing accounts. Mr. Mahar agreed to look into the matter, and we have provided documents.

Update 2 – SCEC staff changes

Meredith Mawhar is no longer employed with SCEC. Until we have a permanent staffing solution in place, Denise Cilley, SCEC's Associate Director, will be staffing the UT TIF Loan Program and I will be staffing the UT TIF grant program. Susan Hatton, the former loan and grant program manager, will be acting as a consultant during this transition period. We anticipate having a more permanent staffing solution in place by September.

Action Item 1 – Epping Volunteer Fire District Downeast Wind TIF Grant Request

The Epping Volunteer Fire District (Epping) provides coverage for several unorganized territories in the southwestern part of Washington County as well as the towns of Columbia and Columbia Falls. Epping is the fire department that provides primary coverage for the Downeast Wind TIF District including all the Downeast Wind turbines, equipment, and transmission lines that are in the UT. Epping has requested \$266,444 in grant funds from the Downeast Wind TIF to purchase a 400 gallon brush truck to provide quicker and more effecting response to wildfires that could threaten the TIF district.

After soliciting several quotes, Epping selected one from Midwest Fire which was the lowest price quote. Epping recently purchased a fire truck for structure fires from Midwest Fire and reports that equipment was delivered as quoted in good order. Cecil Gray, Epping's fire chief, plans to attend the June 9th commissioners meeting and can answer any questions about the

selection process, the proposed truck, and the need that it is designed to meet. The quote and spec sheet are attached.

The Downeast Wind TIF development program as approved by the State of Maine sets aside \$500,000 over the life of the district for “[p]ublic safety costs reasonably related to construction, alteration or expansion of allowable public safety facilities required due to improvements or activities withing the District, including an increase in annual payments for fire protection services for MD T18 and MD T24 / Costs of public safety improvements withing the UT, including fire protection equipment, directly related to or made necessary by the establishment of operation of the District/Capital costs to enhance county emergency radio & cell service to support District.” There is just over \$390K in the Downeast Wind TIF account currently. The next Downeast Wind TIF payment is expected towards the end of calendar year 2026.

Following review of the Downeast Wind TIF development program and the State of Maine’s approval letter as well as extensive discussion with Mr. Gray, the UT TIF Grant Committee recommends approval of a grant of \$266,444 to the Epping Volunteer Fire District to purchase the proposed brush truck.

The quote and specifications for the selected brush truck as well as the Downeast Wind approval letter from the State of Maine are attached.



Quote Number 00009839
Created Date 6/4/2026

Company Address 901 Commerce Road
P.O. Box 524
Luverne, MN 56156-0524
US

Account Name Epping Volunteer Fire District

Prepared By Scott Boll
Email scott@midwestfire.com
Phone 507-690-2987

Apparatus

Product	Quote Description	Quantity
A) 1.00.07	400 Gallons - 64L" x 47W" x 38.5H	1.00
A) 1.01.02.B	Foam Tank, Drop-In, 12-Gallon	1.00
B) 2.02.00.03	Tank Level Gauges, Always On w/ Master Switch is Engaged	1.00
B) 2.02.08.11.02	IC, Soft Glo Mini Dash Tank Level Gauge, Installed on the center console, Black Bezel - Additional	1.00
B) 2.02.08.12.01	IC, Soft Glo Series Tank Level Gauge, Rear Pump Panel, Chrome Bezel - Master	1.00
B) 2.02.09.03.01	IC, Soft Glo Series Foam Tank Gauge, Rear Pump Panel, Chrome Bezel - Master	1.00
B) 2.03.01	Hydrant (1) One & (2) Two Spanner Wrenches, Street Side Rear Panel	1.00
E) 5.00.01	Brush Truck Apparatus Body, 119" Body Length (60" Cab to Axle)	1.00
F) 6.01.01.B	Transverse Compartment, 96" wide x 40" tall x 26" wide (60" Cab to axle)	1.00
F) 6.02.01.01	Over Wheel Compartment, 60" Wide, Street Side, (1) One	1.00
F) 6.02.01.02	Over Wheel Compartment, 60" Wide, Curb Side, (1) One	1.00
F) 6.07.04	Dunnage Tray, Curb Side, Extending Length of Body	1.00
F) 6.07.06.01	Velcro Straps, Dunnage, Street Side	1.00
F) 6.07.06.02	Velcro Straps, Dunnage, Curb Side	1.00
F) 6.08.01.05	Adjustable Shelf, Transverse, Full Length	1.00
G) 7.02.05.02	Rear Step Only, OEM Install	1.00
G) 7.02.05.03	Rear Step, 6" Deep, BT Standard Assembly, 2" Receiver, Ford	1.00
H) 8.00.01.02.B	Rear Grab Rails, One (1), Street Side	1.00
H) 8.00.01.03.B	Rear Grab Rails, One (1), Curb Side	1.00
H) 8.01.05.01	Below Rear Platform Pull-Out Steps, (1) Curb Side	1.00
H) 8.01.05.02	Below Rear Platform Pull-Out Steps, (1) Street Side	1.00
I) 9.00	Apparatus Electrical	1.00
I) 9.01	DOT Lighting Details, Clearance Lights, Reflectors, License Plate Bracket	1.00
I) 9.02.04.01.01	Lower Level Rear Lighting, OEM LED Taillight Package, Warning Lights: Red, M6 Series, Gasket Only, (2) Two	1.00
I) 9.03.04	Antenna Mounting Base, MWF Supplied	1.00
I) 9.04.01.04.BQ	Camera, Rear View, OEM Supplied	1.00
I) 9.06.06.09.BQ	12V Power Strip, Center Console, Inside, Wire to Battery (Kussmaul Required)	1.00
I) 9.06.06.11.BQ	12V Power Strip, Center Console, Inside, Wire to Ignition	1.00



J) 10.00.06	Center Console for Ford F-550 Chassis	1.00
J) 10.00.10.04	Cup Holders, Two (2)	1.00
J) 10.00.10.08	USB Port & 12V Cigarette Port	1.00
J) 10.01.01.01.B	Light Bar, LED, Low-Profile, Model Whelen #JE2NFPA, Mounted on Chassis Cab	1.00
J) 10.02.04.01	Whelen 295SLSA6 Siren w/ Speaker Mounted below Center of Heavy-Duty Front Bumper	1.00
J) 10.04.04.11.01	Lower Level Lights, Front Flashers, Red, M6 Series, Mounted on Front, Gasket Only, (2) Two	1.00
J) 10.05.23.01	Intersection Lights, M4 Series, Red, (2) Each Side, Gasket Only, (4) Four	1.00
J) 10.06.07.02.01	Side/Rear Upper Flasher, Red Light, M6V2, (2) Each Side, (2) Rear of Tank, Chrome Bezel, (6) Six	1.00
J) 10.07.04.BQ	Pump Work Area Lights, Two (2) Whelen PELCB 1,000 Lumen Flood Lights	1.00
K) 11.01	Apparatus, ID Plate	1.00
K) 11.03.01	Vinyl Lettering, Chassis Doors, (See Spec for Details)	1.00
K) 11.03.03	Vinyl Lettering, Customer Unit Number on the Street and Curb Side Chassis Fenders, (See Spec for Details)	1.00
K) 11.05.01	Reflective Striping, White 4" & 1" on Chassis	1.00
K) 11.05.03.04.02	Reflective Striping Inside of Chassis Doors, Ford, Crew Cab, 1" Strip <Color>	1.00
K) 11.06.22	Rear Chevron, 100% of Rear, Red/Fluorescent Yellow	1.00
L) 12.00	Apparatus, Corrosion Protection	1.00
L) 12.01	Apparatus, Mud Flaps	1.00
M) 13.00.06.01.01	Engine Driven Pump Options: Tank to Pump, 2.5" Line & Valve	1.00
M) 13.00.06.02	Engine Driven Pump Option, Tank Fill/Pump Re-Circulating 1 1/2" Line and 2" Valve, 1 1/2" Plumbing	1.00
M) 13.00.06.05	Engine Driven Pump Option, Gated 2 1/2" Suction Line	1.00
M) 13.00.07.01	Engine Driven, Darley 2BE 21H, Engine Fuel Supplied by Chassis Fuel Tank	1.00
M) 13.02.01.02	Engine Driven Pump Discharge, 1 1/2", (2) Two, (Foam If Applicable)	1.00
M) 13.02.01.03	Engine Driven Pump Discharge, 2 1/2", (1) One	1.00
M) 13.03.19	Elkhart BrushHawk Electric Monitor	1.00
M) 13.04.03	Foam System, Trident Foam Mate 1.0	1.00
N) 14.02.01.B	Pre-Connected Hose Tray, Street Side, Plumb 2" gated w/ 2" Valve, Term. w/ Swivel Fitting 1 1/2" NST	1.00
N) 14.03.01.01	Dunnage Hose Tray Options: Aluminum Divider in Tray, Street Side	1.00
N) 14.03.03.01	Dunnage Hose Tray Option: (2) Two Velcro Straps, Street Side, Top Sides, To Secure Hose	1.00
P) 16.01.02.01	Hose Reel w/ 1" Reel Lite Hose, 100 ft, Rear Street Corner, Facing Street Side	1.00
P) 16.01.04.01	Hose Reel w/ 1" Reel Lite Hose, 100 ft, Rear Curb Corner, Facing Curb Side	1.00
Q) 17.01.01	Shoreline Conn., Kussmaul "Auto Charge 1000", Manual, Top Front Corner of Street Side Wheel Well	1.00
Q) 17.04.03.01	Warn Zeon 10 Winch, Receiver Hitch Mounted	1.00
Q) 17.04.04.01	Thunderstruck Bumper/Grill Guard, With Monitor Plumbing	1.00
Q) 17.04.05.BQ	Winch Wiring, Installed in Chassis for Winch Installation at the Front and Rear, Quick Connects	1.00
Q) 17.05.03.01	Founders A/T Super Singles w/Lift Kit, Ford F450/F550, Set (4) Tires	1.00
Q) 17.05.03.02	Founders A/T Super Singles, Ford F450/F550, Spare Tire (1) One	1.00
Q) 17.05.06.01	Tire Carrier, On Top of Tank	1.00
Q) 17.06.01	Chassis Exhaust Modifications	1.00
R) 18.05.01.02	Nozzle, TFT "Twister" 1", Two (2)	1.00



S) 19.02	Ford Chassis F550, Crew Cab,	1.00
S) 19.31	Fabrication Prep, Ford	1.00
V) 30.01.01	Maximum Height - No Restrictions	1.00
V) 30.02.01	Maximum Length- No Restrictions	1.00

Total Price

\$266,444.00



400 Gallon Brush Truck Specifications

Prepared for: Washington County/Unorganized Territories

Machias, ME

Midwest Fire Rep: Scott Boll

Date: 6.4.26

QMS-WIN-022 Rev V

Notes:

Section 1: Booster Tank.....	7
1.00 Water Tank.....	7
1.00.07 400 gallons, (64" L x 47" W x 38.5" H)	7
1.01 Foam Tank.....	7
1.01.02 12-gallon.....	7
Section 2: Booster Tank Piping, Fills, & Gauges.....	7
2.02 Tank Level Gauge.....	7
2.02.00.03 Tank level gauges always on.....	7
2.02.08 One (1) Innovative Controls <u>Soft Glo</u> Series Water Tank Level Gauge.....	8
2.02.08.11 Mini Dash, Installed on the center console.	8
2.02.08.11.02 Black Bezel	8
2.02.08.12 Installed on the rear pump panel – Master	8
2.02.08.12.01 Chrome Bezel.....	8
2.02.09 One (1) Innovative Controls <u>Soft Glo</u> Series "A" Foam Tank Level Gauge	8
2.02.09.03 Installed on the rear pump panel.	8
2.02.09.03.01 Chrome Bezel.....	8
2.03 Spanner Wrenches.....	8
2.03.01 Installed on the street side rear panel.	8
Section 5: Flatbed Body.....	8
5.00 Apparatus Body.....	8
5.00.01 119" body length (60" cab to axle)	8
SECTION 6: Flatbed Body Compartments.....	8
6.01 Transverse Compartment.....	8
6.01.01 Compartment to be 96" wide x 40" tall by 26" wide for a 60" cab to axle.	8
6.02 Over Wheel Compartment	8
6.02.01 60" wide.....	8
6.02.01.01 Street side	8
6.02.01.02 Curb Side	8
6.07 Dunnage Box	8
6.07.04 Dunnage Box to be located on the curb side, extending the length of.....	9
the body.	9
6.07.06 Two (2) Velcro straps installed on top sides of dunnage box to secure cargo.....	9
6.07.06.02 Straps on curb side.....	9
6.08 Compartment Options	9
6.08.01 Adjustable shelf	9
6.08.01.05 Full Transverse	9
Section 7: Running Boards, & Rear Step.....	9
7.00 Running Boards & Chassis Steps	9
7.00.06 OEM Chassis Running Boards, one (1) set of running boards, provided by the manufacturer installed on the chassis for ease of entry.....	9
Section 8: Grab Rails & FOOTSTEPS.....	9

8.00	Grab Rails	9
8.00.01	Rear Grab Rails	9
8.00.01.02	One (1) Grab Rail, Street Side	10
8.00.01.03	One (1) Grab Rail, Curb Side.....	10
8.01	Pull-Out Access Steps	10
8.01.05	Rear Pull-Out Steps	10
8.01.05.01	One (1), Curb Side	10
8.01.05.02	One (1), Street Side	10
	Section 9: Electrical Equipment.....	10
9.00	Apparatus Electrical	10
9.01	DOT Lighting Details.....	10
9.02	Lower-Level Rear Lighting	10
9.02.04	LED Taillight Package	10
9.03	Antenna	11
9.03.04	MWF Supplied Antenna Mounting Base, Qty (x).....	11
9.04	Camera System	11
9.04.01	Rear view camera	11
9.04.01.04	OEM Rear View camera	11
9.06	Power Distribution Options	11
9.06.06	12V Power Strip	11
9.06.06.09	Center Console, Inside, Wired to Battery (Kussmaul Required)	11
9.06.06.11	Center Console, Inside, Wired to Ignition	11
	Section 10: Emergency Siren & Lighting Equipment.....	11
10.00	Apparatus Controls	11
10.00.06	Center Console for Ford F-550 Chassis	12
10.00.10.04	Cup Holders, two (2)	12
10.00.10.08	USB Port & 12V Cigarette Port.....	12
10.01	Light Bars.....	12
10.01.01	Whelen model JE2NFPA Justice Series light bar	12
10.01.01.01	Mounted on the chassis cab.	12
10.02	Sirens:	12
10.02.04	Whelen Siren.....	12
10.02.04.01	Whelen 295SLSA6 siren w/speaker mounted center of heavy-duty front bumper	12
10.04	Lower-Level Lights	12
10.04.04	Front Whelen M6 Series	12
10.04.04.11	Front Flashers, Red, M6 Series, Gasket Only, Two (2)	13
10.05	Intersection Lights.....	13
10.05.23	Intersection, M4 Series, Gasket Only, Two (2) each side	13
10.06	Upper-Level Warning	13
10.06.07	Side/Rear Whelen M6V2 Series Upper Flashers.....	13
10.07	Scene lights.....	13
10.07.04	Pump Work Area Lights	13

Section 11: Lettering, Striping, and SignAGE	13
11.01 ID plate.....	13
11.03 Vinyl Lettering	14
11.05 Reflective stripe.....	14
11.05.01 4" wide white reflective stripe with a 1" wide white reflective stripe spaced approximately 1/2" above on the chassis, and 4" wide red reflective stripe on flatbed rails.	14
11.05.03 Reflective Tape Inside Chassis Doors.....	14
11.05.03.04 Ford	14
11.05.03.04.02 Ford, Crew Cab.....	14
11.06 Rear Chevron	14
11.06.22 Chevron 100%, Red & Fluorescent Yellow	14
Section 12: Corrosion Protection & Mud Flaps	15
12.00 Corrosion Protection.....	15
12.01 Mud Flaps.....	15
Section 13: Pump & Plumbing	15
13.00 Engine Driven Pumps	15
13.00.07.01 The engine driven pump's fuel to be supplied by the chassis fuel tank.	16
13.00.06 Engine driven Pump Options	16
13.00.06.01 Tank to Pump	16
13.00.06.01.01 2.5" line and valve	16
13.00.06.02 Tank Fill/Pump Re-Circulating 1 ½" Line	16
13.00.06.05 Gated 2 ½" Suction Line	16
13.02 Discharges	16
13.02.01 Engine driven Pump Discharges.....	16
13.02.01.02 Two (2) 1 ½" Discharge	16
13.02.01.03 One (1) 2 ½" Discharge	16
13.03 Accessory Discharges	16
13.04 Foam System	16
13.04.03 Trident Foam Mate 1.0	16
Section 14: Hose Trays & Pre-connects.....	17
14.02 Pre-connected in Top Side Hose Tray	17
14.02.01 Street side, extending the length of the body with a Pre-connect plumbed 2", gated with a 2" valve, and terminated with a swivel fitting 1 ½" NST male terminated in the hose tray. The swivel is to be installed at the rear of the tray and swivels from front to rear.	17
14.03 Top Side Hose Tray Options.....	17
14.03.01 Hose tray divider	17
14.03.01.01 Divider in Street side tray	17
14.03.03 Velcro straps	17
14.03.03.01 Straps on street side	17
Section 16: Hose Reel	17

16.01 Electric hose reel with Reel Lite Hose	17
16.01.02 1" Reel Lite hose located on the rear street corner, facing street side.....	17
16.01.02.01 100 ft.....	17
16.01.04 1" Reel Lite hose located on the rear curb corner, facing curb side.	17
16.01.04.01 100 ft.....	17
Section 17: Chassis Accessories.....	17
17.01 Shoreline Connection, Kussmaul "Auto Charge 1000"	17
17.01.xxxx Manual shoreline connection, street side below chassis door.....	18
17.04 Winches, & Bumpers.....	18
17.04.03 Warn Zeon 10 Winch	18
17.04.03.01 Warn Zeon 10, receiver hitch mounted.....	18
17.04.04 Thunderstruck Bumper/Grill Guard	18
17.04.04.01 With monitor plumbing	18
17.04.05 Winch Wiring.....	18
17.05 Tires and Lift Kits	18
17.05.03.01 Four (4) Founders A/T Super Singles, Ford F-450/550 17.05.03.02 One (1) Founders A/T Super Single Spare Tire, Ford F-450/550	18
17.05.06 Tire Carrier	18
17.05.06.01 Tire Carrier located on the top of the tank.....	18
17.06 Chassis Exhaust.....	18
17.06.01 Standard Chassis Exhaust Modifications	18
Section 18: Loose Equipment.....	18
18.05 Nozzles.....	19
18.05.01 1" Task Force Tips model # DS1040P – 10 and 40 GPM @ 100 PSI.....	19
18.05.01.02 Qty Two (2)	19
Section 19: Chassis.....	19
19.00 Midwest Fire supplied chassis per specification attached. Brief summary below:	19
SECTION 30: RESTRICTIONS	19

Date	Change Order #	Op Number	Description	Rev

SECTION 1: BOOSTER TANK

1.00 Water Tank

The tank shall be constructed of 1/2" thick high-impact, polypropylene sheet stock. The material shall be of a certified, high quality, non-corrosive, stress relieved thermoplastic, black in color, and UV stabilize for maximum protection.

The tank shall have a combination vent and manual fill tower. The fill tower shall be constructed of polypropylene with a molded cover. The tower shall be located on the curb side rear corner of the tank. Inside of the fill tower approximately 2" down from the top shall be fastened a combination vent/overflow pipe which shall be of standard schedule 40 polypropylene pipe with minimum ID of 4" designed to run vertically through the tank. The transverse swash partitions shall be manufactured of 3/8" polypropylene which shall interlock with a longitude partition constructed of 1/2" polypropylene.

The tank will include:

- One (1) liquid level gauge with a clear sight tube and to be located at passenger's side rear wall of the tank.
- One (1) 1/4" deep X 6 1/2" diameter recess in floor to act as sump.
- Two slotted mounting pads on top of tank for mount addition equipment.
- There shall be a 3/4" FNPT female tank drain located on the rear tank wall.

1.00.07 400 gallons, (64" L x 47" W x 38.5" H)

1.01 Foam Tank

Foam Tank, there shall be a drop-in foam tank to accommodate the use of the foam system.

1.01.02 12-gallon

THE TANK WILL CARRY A LIFETIME WARRANTY FROM ITS MANUFACTURER

SECTION 2: BOOSTER TANK PIPING, FILLS, & GAUGES

2.02 Tank Level Gauge

- One (1) pressure transducer mounted on the outside of the tank in an easily accessible area. Sealed foam tanks (if so equipped) will require zero pressure vacuum vents.
- Super bright LED display viewable from 180 degrees with a visual indication at multiple accurate levels.
- Weather resistant connectors to connect to the digital display, the pressure transducer, and the apparatus power. Additional displays are easily integrated and will receive data from the same source as the Master Display; no additional transducers required.
- Tank level gauge indicates the liquid level on easy-to-read LED display.

2.02.00.03 Tank level gauges always on.

All tank level gauges will be activated and always on once the Ignition is engaged.

- 2.02.08 One (1) Innovative Controls Soft Glo Series Water Tank Level Gauge
 - 2.02.08.11 Mini Dash, Installed on the center console.
 - 2.02.08.11.02 Black Bezel
 - 2.02.08.12 Installed on the rear pump panel – Master
 - 2.02.08.12.01 Chrome Bezel
- 2.02.09 One (1) Innovative Controls Soft Glo Series “A” Foam Tank Level Gauge
 - 2.02.09.03 Installed on the rear pump panel.
 - 2.02.09.03.01 Chrome Bezel

2.03 Spanner Wrenches

One (1) adjustable hydrant wrench and two (2) spanner wrenches with holder.

- 2.03.01 Installed on the street side rear panel.

SECTION 5: FLATBED BODY

5.00 Apparatus Body

The flatbed body is constructed of all aluminum with aluminum stringers running front to back above the frame and C-channels running side to side. The top surface will be tread-plate. An aluminum angle will be welded to the perimeter of the body. The body will be 96” wide and built to accommodate the chassis cab to axle for the best weight distribution possible.

- 5.00.01 119” body length (60” cab to axle)

SECTION 6: FLATBED BODY COMPARTMENTS

6.01 Transverse Compartment

One (1) full width transverse compartment provided behind the cab on top of the flatbed with one (1) swing up aluminum door with an assist strap on each side, held in the open position with gas struts. Compartment doors will have a sensor tied to the “Do Not Move Apparatus Light”.

- 6.01.01 Compartment to be 96” wide x 40” tall by 26” wide for a 60” cab to axle.

6.02 Over Wheel Compartment

One (1) compartment above the flatbed to approximately 30” tall x 24” deep. One (1) swing up aluminum door with an assist strap, held in the open position with a gas struts. Compartment door will have a sensor tied to the “Do Not Move Apparatus Light”.

- 6.02.01 60” wide
 - 6.02.01.01 Street side
 - 6.02.01.02 Curb Side

6.07 Dunnage Box

Dunnage box on the side of the body above the compartments, made of aluminum tread brite, with rubber tile installed in the bottom. This area will be 10” tall x 21” wide. This area will be open to the top

and enclosed on all four side to securely house cargo and misc. equipment. Ventilation slots will be provided on each side.

6.07.04 Dunnage Box to be located on the curb side, extending the length of the body.

6.07.06 Two (2) Velcro straps installed on top sides of dunnage box to secure cargo.

6.07.06.02 Straps on curb side

6.08 Compartment Options

6.08.01 Adjustable shelf

One (1) adjustable shelf made of 3/16" smooth aluminum, installed with Unistrut adjustable brackets in the compartments. Shelves will be made to the depth of the compartment they are positioned in and full width of door opening unless specified otherwise.

6.08.01.05 Full Transverse

SECTION 7: RUNNING BOARDS, & REAR STEP

7.00 Running Boards & Chassis Steps

7.00.06 OEM Chassis Running Boards, one (1) set of running boards, provided by the manufacturer installed on the chassis for ease of entry.

7.02 Rear Step

A rear step is provided at the rear of the flatbed body.

7.02.05 6" (minimum) Deep Rear Step

7.02.05.03 Step, Standard Assembly, 2" Receiver, Ford

Attached to the rear of the chassis frame is a black powder coated steel support system that provides extra strength to the rear body with two (2) integrated tow eyes.

Additionally, A class IV 2" receiver hitch tube installed, furnished with a 7-pin electrical receptacle and safety chain rings.

SECTION 8: GRAB RAILS & FOOTSTEPS

8.00 Grab Rails

The grab rails are made of 1 ¼ " diameter extruded aluminum tubing with knurled finish and chrome plated stanchion brackets.

8.00.01 Rear Grab Rails

Grab rails provided at the rear, for access into the flatbed.

- 8.00.01.02 One (1) Grab Rail, Street Side
- 8.00.01.03 One (1) Grab Rail, Curb Side

8.01 Pull-Out Access Steps

8.01.05 Rear Pull-Out Steps

Large aluminum pull-out steps below the rear step. Zico part number PS-8-5.

- 8.01.05.01 One (1), Curb Side
- 8.01.05.02 One (1), Street Side

SECTION 9: ELECTRICAL EQUIPMENT

9.00 Apparatus Electrical

- Electrical Wiring

The electrical compartment to be installed in the chassis cab. The body and chassis shall be wired as independent modules and connected as a completed unit at the final assembly via electrical connectors located in the electrical compartment. Seals shall be provided on each individual wire and the assembly. All wiring for the apparatus body shall be within a temperature resistance harness. All wires in each harness shall be color-coded. Wiring shall be run along structural rails and tied in a neat and orderly manner. A backup alarm will be wired into the reverse circuit to sound when the vehicle is placed in reverse. The key on position energizes a relay which acts as the master switch connecting the apparatus to the battery system, eliminating power drain while the truck is not in use.

- Overload Protection

The apparatus circuits requiring load protection shall utilize sealed relays and automatic reset circuit breakers.

9.01 DOT Lighting Details

- A total of eleven (11) LED clearance lights and seven (7) red LED lights installed at the rear.
- Four (4) amber LED lights are installed on the front street and curb sides.
- Reflectors are installed per DOT specifications.
- An illuminated license plate bracket installed at rear.

9.02 Lower-Level Rear Lighting

9.02.04 LED Taillight Package

Two (2) LED stop/tail/turn, white LED backup lights, and LED warning lights installed at the rear. Warning lights have clear lenses.

- 9.02.04.01 OEM Taillights, Warning Light M6 Series, Gasket Only
 - 9.02.04.01.01 Warning Lights, Two (2) Red
 - Street Side Warning Light: (RED)
 - Curb Side Warning Light: (RED)

9.03 Antenna

9.03.04 MWF Supplied Antenna Mounting Base, Qty (x)

Midwest Fire will supply and install only the antenna mounting base and coax cable. The customer will be responsible for supplying and installing the antenna. The antenna base will be installed on the roof of the chassis, behind the lightbar. The cable will be labeled and secured inside the center console if a radio is not mounted. If a radio is mounted, the customer must provide the correct crimped end; otherwise, the antenna will not be connected to the radio.

9.04 Camera System

9.04.01 Rear view camera

One (1) rear view camera system installed. Camera system includes a colored wide-angle rear mounted camera and 7" monitor mounted in the center of the vehicle's dashboard unless specified otherwise. Automatically activated when truck is put in reverse.

9.04.01.04 OEM Rear View camera

9.06 Power Distribution Options

9.06.06 12V Power Strip

A 12V Battery Power, 6 position overload/short protected terminal strip will be installed in the front sill of the compartment unless specified otherwise.

9.06.06.09 Center Console, Inside, Wired to Battery (Kussmaul Required)

9.06.06.11 Center Console, Inside, Wired to Ignition

SECTION 10: EMERGENCY SIREN & LIGHTING EQUIPMENT

10.00 Apparatus Controls

All emergency lighting, options, and accessories are controlled in the cab. Inside the cab there will be:

- A "Do Not Move Apparatus" and other optional indicator lights.
- Do Not Move Apparatus Light
 - A red flashing light visible to the driver will be located in the chassis cab. The light shall be illuminated automatically whenever the vehicles parking brake is not fully engaged and any of the following conditions exist:
 - Any passenger or equipment compartment door is not closed.
 - Any ladder or equipment rack is not in the stowed position.
 - Stabilizer system is not in its stowed position.
 - Powered light tower is not stowed.

- Any other device permanently attached to the apparatus is open, extended, or deployed in a manner that is likely to cause damage to the apparatus if the apparatus is moved.
- Mounted electronics, sirens, and radios – If equipped.
- Controls for other optional functions if equipped.
- Features lighted identification plates on a non-glare panel face that clearly identify each switch and its function.

All warning packages are fully NFPA compliant and certified by the lighting component manufacturer to meet all requirements.

10.00.06 Center Console for Ford F-550 Chassis

Center console installed between driver and passenger seats. Removable lid on console for maintenance and adding additional items. Control Centers will require that there be no seat in between the driver and passenger seats.

10.00.10 Center Console Options

10.00.10.04 Cup Holders, two (2)

Cup holders installed in console between driver and passenger seats.

10.00.10.08 USB Port & 12V Cigarette Port

A dual USB port and a single 12V cigarette port will be installed on the center console.

10.01 Light Bars

10.01.01 Whelen model JE2NFPA Justice Series light bar

Whelen model JE2NFPA Justice Series, Super-LED low-profile, 56" long. Covers front and front side zones. The light bar has four (4) linear corner modules with nine (9) Super-LED light heads per module, and six (6) CON3 modules with three (3) CON3 Super-LED light heads per module.

10.01.01.01 Mounted on the chassis cab.

10.02 Sirens:

10.02.04 Whelen Siren

Whelen Siren 200-watt, Class A electronic siren, mounted in the chassis cab in a location convenient to the driver. The electronic siren includes a 9-Switch Light Control (three (3) position slide switch and six (6) Push On/ Push Off switches) with 17 Scan-Lock™ Siren Tones, and hard-wired microphone. The siren control is lighted for easy night operation. Cast aluminum speaker available with three (3) siren mounting locations.

10.02.04.01 Whelen 295SLSA6 siren w/speaker mounted center of heavy-duty front bumper

10.04 Lower-Level Lights

10.04.04 Front Whelen M6 Series

Whelen M6 series LED lights will have clear lenses and be mounted on the chassis grille.

- 10.04.04.11 Front Flashers, Red, M6 Series, Gasket Only, Two (2)
 - 10.04.04.11.01 Two (2) Red
 - Street Side: (RED)
 - Curb Side: (RED)

10.05 Intersection Lights

All lights mounted 18" above the ground, and no higher than 60". One (1) positioned as far forward as possible on the hood (or front bumper extension if applicable), and one (1) positioned as close to the rear of the truck. Lights will have clear lenses. Two (2) each side, Four (4) total.

- 10.05.23 Intersection, M4 Series, Gasket Only, Two (2) each side
 - 10.05.23.01 Four (4) Red
 - Street Side: Front (RED), Rear (RED)
 - Curb Side: Front (RED), Rear (RED)

10.06 Upper-Level Warning

- 10.06.07 Side/Rear Whelen M6V2 Series Upper Flashers
 - Whelen M6V2 Series Combination LED Scene Light/Flasher. Lights will have clear lenses.

- 10.06.07.02 Side/Rear Flashers, Chrome Bezel, M6V2 Series, Two (2) each side with two (2) on the rear. (Six (6) Total)
 - 10.06.07.02.01 Six (6) Red
 - Upper Street Side: Front (RED), Rear (RED)
 - Upper Curb Side: Front (RED), Rear (RED)
 - Upper Rear: Street (RED), Curb (RED)

10.07 Scene lights

- 10.07.04 Pump Work Area Lights
 - There are two (2) Whelen PELCB, 1000 lumen flood lights mounted on the rear dunnage baskets pointing inward towards the pump area. The lights shall be controlled from a unit mounted switch.

SECTION 11: LETTERING, STRIPING, AND SIGNAGE

11.01 ID plate

There is a permanent plate located in the center top chassis cab with the following information:

- Quantity and type of fluids used in the vehicle. This plate includes:
 - Engine oil, quantity.
 - Engine coolant, quantity.
 - Chassis transmission fluid, quantity.
 - Pump transmission fluid, quantity.
 - Drive axle lubrication fluid, quantity.

- Air conditioning refrigerant, quantity.
- Air conditioning lubrication oil, quantity.
- Power steering fluid, quantity.
- Front and rear cold tire pressure
- Number of personnel the vehicle is designed to carry located in an area visible to the driver.
- Height and length of the vehicle in feet and inches
- Gross vehicle weight rating (GVWR) in pounds

And the following FAMA safety signs installed where applicable:

- A safety sign FAMA07, which warns of the importance of seat belt use, shall be visible from each seat that is intended to be occupied while the vehicle is in motion.
- A safety sign FAMA10, which warns of the need to secure items in the cab, shall be visible inside the cab.
- A safety sign FAMA15, which warns not to wear helmets while the vehicle is in motion, shall be visible from each seat that is intended to be occupied while the vehicle is in motion.
- A safety sign FAMA24, which warns personnel not to ride on the vehicle, shall be located at the rear step areas and at any cross walkways.

11.03 Vinyl Lettering

11.03.01 Provided on the chassis doors: <description/pictures>

11.03.03 Provided for the customer unit number on the street and curb side chassis fenders: <description/pictures>

11.05 Reflective stripe

The apparatus body and chassis will have a reflective stripe on each side and the front per NFPA 1901 standards.

11.05.01 4" wide white reflective stripe with a 1" wide white reflective stripe spaced approximately 1/2" above on the chassis, and 4" wide red reflective stripe on flatbed rails.

11.05.03 Reflective Tape Inside Chassis Doors

Per NFPA 1901 standards any door designed to allow persons to enter, or exit has a minimum of 96 square inches of retro-reflective material affixed to the inside of the door.

11.05.03.04 Ford

1" reflective tape installed. Color of stripe to be <stock color>

11.05.03.04.02 Ford, Crew Cab

11.06 Rear Chevron

11.06.22 Chevron 100%, Red & Fluorescent Yellow

The rear area above the tailboard will be covered with retro-reflective chevron striping in alternating red and fluorescent yellow vinyl. Each stripe will be 6 inches wide.

SECTION 12: CORROSION PROTECTION & MUD FLAPS

12.00 Corrosion Protection

All fasteners which are used in aluminum are plated with Magnaguard 560 to prevent galvanic corrosion resulting from dissimilar metals.

12.01 Mud Flaps

There are two (2) mud flaps installed one (1) behind each of the rear wheels. The mud flaps are constructed of ¼" thick black rubber, with weighted chrome trim at the bottom. Stiffeners are provided when rear lockers are not requested.

SECTION 13: PUMP & PLUMBING

13.00 Engine Driven Pumps

Portable Pumps have the following standard features:

- High-strength aluminum alloy casing and discharge valve
- One (1) sacrificial anode
- Aluminum alloy engine adapter
- Bronze impeller and wear rings
- Stainless steel impeller shaft
- Direct drive
- The pump control panel includes an ignition switch, starter button, stop button, and engine throttle.
- The engine will have an oil drain for ease of changing the pump engine oil.
- Pump drain: one (1) pump drain provided to drain the suction side of the pump. The pump drain is controlled from a control handle located directly below the pump compartment.
- An electric fuel pump is installed in all applications to assist in delivering fuel to the engine.
- A test plate shall be provided at the pump operator's panel that gives the rated discharges and pressures together with the speed of the engine as determined by the certification test for each unit, the position of the parallel/series pump as used, and the governed speed of the engine as stated by the engine manufacturer on a certified brake horsepower curve.
- The test label shall be completely stamped with all information at the factory and attached to the vehicle prior to shipping.

13.00.07 Darley model 2BE 21H Engine driven Pump

A Darley model 2BE 21H, 21hp engine driven pump with the following features:

Pump Ratings:

375 GPM @ 25 PSI

300 GPM @ 45 PSI

100 GPM @ 140 PSI

Engine is a four-cycle air cooled 21 HP Honda, model OHV Honda GX630, gasoline engine, with integral fuel pump, 12-volt electric start, and manual start.

13.00.07.01 The engine driven pump's fuel to be supplied by the chassis fuel tank.

13.00.06 Engine driven Pump Options

13.00.06.01 Tank to Pump

A tank to pump line provided from the water tank to the pump with valve.

13.00.06.01.01 2.5" line and valve

13.00.06.02 Tank Fill/Pump Re-Circulating 1 ½" Line

A 1 ½" tank fill/pump re-circulating line provided from the pump to the water tank with a 2" valve and 1 ½" plumbing.

13.00.06.05 Gated 2 ½" Suction Line

A 2-1/2" suction pipe provided at the pump for drafting or direct fill. It is equipped with a 2-1/2" NPT male X 2 1/2" NST female chrome plated swivel adapter with screen, and a 2 1/2" chrome plated plug and chain.

13.02 Discharges

Discharges include:

- Industrial grade valves
- Chrome cap and chain

13.02.01 Engine driven Pump Discharges

13.02.01.02 Two (2) 1 ½" Discharge

13.02.01.03 One (1) 2 ½" Discharge

13.03 Accessory Discharges

13.03.19 Elkhart BrushHawk Electric Monitor

An Elkhart, model 0845, BrushHawk remote controlled monitor mounted on the front chassis bumper in the center, high enough to see the monitor from the cab when operating. The remote-controlled monitor includes joystick control, 2" electric valve, and a selectable flow nozzle (15/30/45/60/95/125/150/200/FLUSH) model 6000212, and a CAN bus communication system.

13.04 Foam System

13.04.03 Trident Foam Mate 1.0

There shall be a Trident Foam Mate 1.0, through the pump, foam system plumbed to the discharge head of the water pump. For use with Class "A" Foam only. When engaged all discharges from the pump have foam, including tank fill.

SECTION 14: HOSE TRAYS & PRE-CONNECTS

14.02 Pre-connected in Top Side Hose Tray

Hose tray on the side of the body above the compartments, made of aluminum tread brite, with rubber tile installed in the bottom. This area will not have a back panel for ease of unloading hose. It will be 10" tall x 21" wide. Ventilation slots will be provided on each side.

- 14.02.01 Street side, extending the length of the body with a Pre-connect plumbed 2", gated with a 2" valve, and terminated with a swivel fitting 1 ½" NST male terminated in the hose tray. The swivel is to be installed at the rear of the tray and swivels from front to rear.

14.03 Top Side Hose Tray Options

14.03.01 Hose tray divider

An aluminum divider will be installed in the center of the hose tray to create two hose compartments.

- 14.03.01.01 Divider in Street side tray

14.03.03 Velcro straps

Two Velcro hose straps mounted on the hose tray to secure the equipment and hose.

- 14.03.03.01 Straps on street side

SECTION 16: HOSE REEL

16.01 Electric hose reel with Reel Lite Hose

One (1) electric rewind hose reel with hose rollers, gated with a 1" valve and supplied with reel lite hose. Each hose reel comes equipped with one (1) button located on the reel.

- 16.01.02 1" Reel Lite hose located on the rear street corner, facing street side.

- 16.01.02.01 100 ft.

- 16.01.04 1" Reel Lite hose located on the rear curb corner, facing curb side.

- 16.01.04.01 100 ft.

SECTION 17: CHASSIS ACCESSORIES

17.01 Shoreline Connection, Kussmaul "Auto Charge 1000"

One (1) 115 Volt Kussmaul "Auto Charge 1000" battery charger system installed.

17.01.xxxx Manual shoreline connection, street side below chassis door.

17.04 Winches, & Bumpers

17.04.03 Warn Zeon 10 Winch

Winch, there shall be one (1) receiver hitch winch installed on the apparatus with a 9,500-lb. rating. Warn Zeon 10 Multi-mount, for use at front or rear. Also available permanently mounted inside front bumper.

17.04.03.01 Warn Zeon 10, receiver hitch mounted.

17.04.04 Thunderstruck Bumper/Grill Guard

Heavy duty bumper/grille guard, there shall be one (1) Thunderstruck heavy-duty bumper/grille guard installed with a 2" receiver tube for winch mounting. The bumper/grill guard will be black powder coated for superior protection.

17.04.04.01 With monitor plumbing

17.04.05 Winch Wiring

Wiring installed in chassis for winch installation at the front and rear. Quick connects to fit with removable Warn winch systems.

17.05 Tires and Lift Kits

Four (4) Founders A/T Super Single 305/70R 19.5, tires installed on the chassis. They have 18 ply rating, with a max load of 6610lbs per single tire. Tires will be mounted on 19.5" black powder coated aluminum forged wheels. Extended front fender flares installed to cover extra height and width of the tires. A suspension lift kit installed. Road speed rating for tires: 68mph.

A road speed warning tag will be installed in the cab in view of the driver.

17.05.03.01 Four (4) Founders A/T Super Singles, Ford F-450/550

17.05.03.02 One (1) Founders A/T Super Single Spare Tire, Ford F-450/550

17.05.06 Tire Carrier

Tire rack, there shall be one (1) tire rack supplied. For the rear corners, a guard rail with no full-length storage tray required.

17.05.06.01 Tire Carrier located on the top of the tank.

17.06 Chassis Exhaust

17.06.01 Standard Chassis Exhaust Modifications

Chassis exhaust is modified to exit passenger side behind the rear wheels and to the edge of the body.

SECTION 18: LOOSE EQUIPMENT

Loose equipment required by NFPA not listed will be supplied by customer after delivery of the apparatus prior to being put in service.

18.05 Nozzles

Dual gallonage nozzle with two flow settings of 10 and 40 gpm @ 100 psi (37 and 150 l/min @ 7 bar). All lightweight materials, hard coat anodized aluminum. Quick-change rear valve seat, stainless steel shut-off ball and a twist "off" position for positive shut off. Pistol grip is mounted below the valve. Rocker lug 1" NH (25mm) swivel is standard.

18.05.01 1" Task Force Tips model # DS1040P – 10 and 40 GPM @ 100 PSI

18.05.01.02 Qty Two (2)

SECTION 19: CHASSIS

19.00 Midwest Fire supplied chassis per specification attached. Brief summary below:

Chassis Summary			
Manufacturer	Ford	Cab Type (Reg, Ext, Crew)	Crew
Model	F550	Cab to Axle (in.)	60
Engine Manufacturer	Ford	Wheelbase (in.)	179
Engine Model	7.3 V8	Front Axle Rating (Lbs.)	7,500
Horsepower	335	Rear Axle Rating (Lbs.)	14,706
Transmission Make	Torqshift	Paint Color Code	Race Red
Transmission Model	10-Speed Auto Torqshift	Two-Tone Scheme	
LED Headlights	No	Electric Locks	Yes
Electric Windows	Yes		

19.31 Ford Fabrication Prep

Midwest Fire will perform fabrication preparation for the Ford chassis.

SECTION 30: RESTRICTIONS

30.01 Maximum Height

30.01.01 No Restrictions. Estimate: ft

30.02 Maximum Length

30.02.01 No Restrictions. Estimate: ft
e department.

FINAL INSPECTION

The department will take physical possession of the truck and will receive all training on the operation of the truck at the Midwest Fire facility in Luverne, Minnesota during the final inspection/ delivery day.

DELIVERY

Transportation of the apparatus post final inspection is the responsibility of the department.



JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ECONOMIC
AND COMMUNITY DEVELOPMENT



HEATHER JOHNSON
COMMISSIONER

July 9, 2020

Betsy Fitzgerald
Washington County Manager
WASHINGTON COUNTY
P.O. Box 297, County Courthouse
Machias, Maine 04654

RE: Downeast Wind Municipal *Tax Increment Financing* (TIF) District and *Development Program*
(Program)

A P P R O V E D

Dear Ms. Fitzgerald,

The Maine Department of Economic and Community Development (DECD) reviewed and EFFECTIVE TODAY APPROVED the above referenced Municipal TIF District and Program. Based on the application, DECD notes/approves:

- a. District term of 25 years starting January 1, 2021, and ending December 31, 2045;
- b. District taxable Original Assessed Value of \$8,119,273 as of March 31, 2019 (April 1, 2018)—acreage 13,210;
- c. Real and personal property Increased Assessed Value (IAV) capture of up to 100%;
- d. District revenues deposited/held in DEDICATED accounts and applied ONLY toward approved activities/projects,
 - i) Project Cost accounts to reimburse Downeast Wind, LLC for costs authorized by 30-A M.R.S.A. § 5225(1)(A) and DECD rules as amended from time to time AND/OR fund public activities/projects,
 - ii) Sinking Fund Account to retire associated public debt, if any;
- e. Downeast Wind, LLC reimbursement limited to incremental taxes from NEW actual value projected at \$7,014,833 total or 70% annually for a 20-year term, during District term, beginning with the first Tax Year when the District IAV first equals at least \$84,000,000;
- f. County Commissioners MUST notify State Tax Assessor when NEARING any/all triggers or caps;
- g. AFTER EXECUTION, UT MUST FORWARD A COPY of any associated credit enhancement agreement and its amendment(s) or assignment(s) to DECD;
- h. Washington County may NOT negotiate/execute reimbursement agreements with any other company/developer, other than Downeast Wind LLC, without due public process and future amendment;
- i. Per 36 M.R.S.A. § 1606, Maine Revenue Services (MRS) will direct District revenues from non-captured incremental property values to Education and Services Fund;
- j. Any future amendment MUST comply with 30-A M.R.S.A. §§ 5221-5235 and DECD rules;
- k. When District expires, or is terminated, WASHINGTON COUNTY MUST NOTIFY DECD IN WRITING.



JANET T. MILLS
GOVERNOR



HEATHER JOHNSON
COMMISSIONER

As further described in the Program, UT revenue allocation projected at \$3,931,432 may facilitate funding for an estimated \$5,200,000 in public costs and associated debt, if any. This funding MUST comply with Washington County appropriation process—with activities/projects due completion BEFORE/BY DECEMBER 31, 2045. Approved public activities/projects costs are as follows:

WITHIN DISTRICT

- l. Capital costs of acquisition, construction and improvement of roads and bridges, including structural culvert upgrades to support fish passage restoration, scenic turnouts, signs, railing, and other related improvements/Demolition, alteration, remodeling, repair or reconstruction of existing buildings, structures and fixtures/Site preparation and finishing work \$3,000,000; Ψ
- m. Professional, Administrative and Organizational services costs \$700,000;

OUTSIDE DISTRICT ◊

- n. Public safety costs reasonably related to construction, alteration or expansion of allowable public safety facilities required due to improvements or activities within District, including an increase in annual payments for fire protection services for MD T18 and MD T24/Costs of public safety improvements within UT, including fire protection equipment, directly related to or made necessary by the establishment or operation of District /Capital costs to enhance county emergency radio communications & cell service to support District ¹ \$500,000;

- o. Adverse impact mitigation of District, such as noise barriers, habitat restoration \$300,000;

WITHIN UT

- p. Economic development programs and events, and marketing the UT as a business location, and costs of services and equipment to provide skills development and training for jobs created or retained in Washington County \$300,000; ≈
- q. Permanent revolving loan funds, investment funds and grants programs per § 5225(1)(C)(3) for costs authorized by 30-A M.R.S.A. § 5225 and DECD rules as amended from time to time, to support commercial activities \$100,000; ≈
- r. Environmental improvement projects impacted by commercial use, such as milfoil and/or other invasive species mitigation to protect water quality of recreational waterways /mitigation and remediation of septic water or other contaminants affecting water quality of recreational waterways impacted by commercial use/erosion control to protect integrity of recreational waterways and other recreational trails impacted by commercial use \$300,000. ≈ ◊

DECD notes while the Program may list multiple statutory citations with the public project costs in the application, not all citations apply to all activities/projects described within each cost description. Washington County is obligated to verify proper authorization for each project cost to be undertaken. DECD advises Washington County to plan for debt retirement to coincide with the District term end of December 31, 2045.

Please contact Development Program Officer Tina Mullins with questions about this certification. With this approval, the Department extends best wishes for the success of the District.

Sincerely,

Heather Johnson
Commissioner



JANET T. MILLS
GOVERNOR



HEATHER JOHNSON
COMMISSIONER

cc: via e-mail only

Senator Marianne Moore (SD-6)—129th Legislature

Representative Robert W. Alley (HD-138)—129th Legislature

Representative Billy Bob Faulkingham (HD-136)—129th Legislature

Representative Kathy Irene Javner (HD-141)—129th Legislature

Representative Lawrence E. Lockman (HD-138)—129th Legislature

Representative Anne C. Perry (HD-140)—129th Legislature

Representative William R. Tuell (HD-139)—129th Legislature

Peter Lacy, MRS Property Tax Division Acting Director

Lisa Whynot, Maine State Tax Assessor's Office, Supervisory, Unorganized Territory

Stephen Wagner, Rudman · Winchell

◊ To the extent a project is outside the District,
Washington County must prorate/allocate costs not
directly related to or made necessary by establishment
/operation of this District to other funding sources.

! For "Capital costs to enhance county emergency radio
communications and cell service to support District"-
Program states, "investment may be needed outside
District and/or UT, if directly related to or made
necessary by the establishment or operation of the
District. If investments benefit areas outside the UT,
costs paid with TIF revenues will be pro-rated." For TIF
revenues to be used outside of UT, there must be clear
documentation of evidence available to support the
necessity of TIF revenues to be used outside the UT.

≈ Projects are common, in part or whole, to development
program of Washington County Enterprise district.

EXCLUDING FOLLOWING COSTS/FUNDING:

Φ Public park(s)

Ψ Private residential distribution line(s)