



Gaston County Fire Commission



CERTIFICATE OF NEED APPLICATION

Fire Department

Name

Hugh's Pond Volunteer Fire Department Inc.

Address

1442 Tot Dellinger Rd, Cherryville, North Carolina 28021

Chief

Trent Rayfield

Contact Phone #

(704) 830-6128

Board President

Douglas Mabry

Contact Phone #

(704) 742-4600

Fire Department Board Approval / Notification

Yes

General Description of Purchase

The tarmac area in front of the apparatus bay doors extending to the roadway is experiencing significant structural failure due to the ground giving way underneath the existing surface. This subsurface failure has resulted in visible settling and deterioration of the asphalt, creating an uneven and unsafe transition area for apparatus entering and exiting the bays.

As a direct result of the ground failure outside the bays, damage has now extended into the interior of the building. Cracking and deterioration have developed in the concrete floor of one bay approximately five (5) feet inside the apparatus bay. This indicates that the underlying ground instability is progressing inward beneath the structure, not just affecting the exterior tarmac area. If corrective action is not taken in a timely manner, this damage will continue to worsen, potentially leading to increased repair costs, further structural compromise, and safety concerns for personnel and equipment.

The current driving surface is asphalt (tarmac), which has proven inadequate for the weight, frequency, and turning movements of fire apparatus in this location. Asphalt is more susceptible to failure when underlying ground conditions are compromised. Replacing this area with concrete would provide a significantly stronger, more durable, and safer surface. Concrete is better suited to support heavy apparatus loads, reduces future maintenance needs, and offers improved long-term performance and safety.

A quote has been obtained for the proposed work; however, the quote is written with a validity period of thirty (30) days. The company providing the quote has advised that they cannot guarantee the same pricing if the project is delayed until March or April, although they would make every reasonable effort to honor it. Delaying action increases the risk of higher costs in addition to continued deterioration of the affected area.

It should also be noted that funding for this project was originally requested as part of the FY 2025–2026 budget submission. At that time, Rob Smith advised that the department utilize the Certificate of Need process to address and complete this repair. This request is being submitted in accordance with that guidance to prevent further damage, mitigate safety risks, and ensure the long-term integrity of the apparatus bay entrance and adjoining roadway.

Time Line of Purchase

With approval from the fire commission we would like to begin work as soon as possible to prevent any further damage.

List Specifics of Purchase

See Attached Quote

Estimated Cost

\$46,250.00

Financing Information

Lender

N/A

Amount Financed

\$0.00

Rate

N/A

Estimated Amount

\$0.00

Number of Payments

0

Down Payment Amount

\$0.00

Debt Ratio-Current / Post Purchase

0

Any Re-Financing or Bundling

No

If Yes, then Describe

How Will Purchase Benefit the Department (Safety/ISO/Cost Savings, etc)

The subsurface failure has progressed beyond the exterior and has begun affecting the interior of the facility. Damage is now evident in the concrete floor of one apparatus bay approximately five (5) feet inside the bay. This progression indicates that the instability is advancing inward and, if not addressed, will continue to compromise the safety of personnel working in and around the bays. Cracked and uneven surfaces increase the risk of slips, trips, and falls, as well as the potential for apparatus instability during movement.

Taking corrective action now will significantly improve overall safety. Stabilizing the ground and resurfacing the affected area will restore a smooth, uniform transition between the bays and the roadway, reducing hazards during apparatus entry and exit. Prompt repair will also prevent further interior damage, preserving a safe working environment inside the apparatus bays.

The existing surface is asphalt (tarmac), which is less suitable for supporting heavy fire apparatus, particularly in an area with compromised subsurface conditions. Asphalt is more susceptible to deformation

and deterioration over time. Replacing the tarmac with concrete will provide a stronger, more durable surface designed to safely support the weight and operational demands of emergency vehicles. Concrete will offer improved load-bearing capacity, better resistance to movement, and a safer long-term driving and walking surface for personnel.

How Will Purchase be Funded (Long Term - NOT Just Current Year)

With funds obtained from approval from Fire Commission.

If Purchase is NOT Approved for Funding, Describe Department Alternatives

If funding is not approved the board of directors will reconvene to determine the next best possible plan.

Is This a Replacement?

No

If Yes, List Details (Make, Model, Years of Service, Remaining Balance, etc.)

What Will Become of Old Apparatus / Equipment?

Submit your last three 5-Year Capital Improvement Plans:

5-year Plan

HPVFD 5 Year Plan 2025.docx

5-year Plan #2 (optional)

5-year Plan #3 (optional)

Account Balances:

Checking \$105,133.03	CD \$155,952.06	Savings	Relief Fund	New Engine \$159,276.00	New Tanker \$109,211.43
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UPLOAD FILE(S)

Item 1

Upload Files

PVA Quote 2025.pdf

STAFF ONLY

Received By (OEMFS Director):

Date:

Fire Commission Meeting Date:

APPROVED NOT
APPROVED

Gaston County BOC Meeting Date:

APPROVED NOT
APPROVED

Certificate Number

202512242-40



12/3/2025

David Black
 Fire Department
 1442 Tot Dellinger Road
 Cherryville, NC
 704-419-3561
 Dande2004@gmail.com

Estimate	Job / Description	Terms
2025376		Good for 30 days
	*Saw and remove area approx. 61' x 77' and haul from site. Will be dug down to sub-grade for approx. 6" of concrete	
	*Concrete will be approx. 6" deep with reinforcement throughout slab	
	*Will saw out broken area inside bay door, remove, dowel with rebar and pave back	
	*Will drill and dowel rebar all the way across bay doors approx. every 4' on center tying new slab to existing floor	
	*Slab will be sawed every 10' or closer to help control cracking	
	*Due to the time of year and temperatures concrete may have to be covered with concrete blankets	\$46,250.00
	We realize this work may not be completed until March or April of 2026 however,	
	if there is a material price increase, we must pass that increase on to you at the time	
	the work is performed. Thank you for the opportunity to quote this project.	
	Total Due	\$46,250.00

Signature: _____ Date: _____

Please be advised, this is an Estimate and valid for 30 Days. Prices will increase based on material & fuel cost. Upon acceptance by both parties, this estimate will be a binding contract for the work to be performed. Anything extra and/or unforeseen work items will be billed on a time and material basis. All hardship costs will be charged to you for dense soil or any unforeseen conditions. We do not guarantee against cracks that may occur at any time. We assume no responsibility for damage to water, gas, sewer, electrical or drain lines, wells, pumps, storm drains, septic tanks, meters or anything else concealed underground. Not responsible for any materials supplied by client. Please sign and return for acceptance – Include PO Number if required.