

## Town of Windsor

### Memorandum

December 9, 2014

**TO:** The Honorable Mayor and Town Council  
**FROM:** Michael Stallings, Town Manager *MS*  
**SUBJECT:** Saunders's Property Drainage

As you will recall, I was asked to work with contractors to determine the best solution to the drainage problems on the vacant lot behind town hall. I have had two contractors come and evaluate the lot. Both have indicated that they did not think it would be feasible to grade the lot to have the water drain to the street. The two contractors have proposed different solutions.

#### Solution 1

Install underground piping from the existing sump pump to the roadside ditch and underground the electrical lines to the pump. This would require demolition of approximately 4 feet of sidewalk. The cost for this option is \$2,650.

#### Solution 2

Install a drop inlet where the existing sump pump is located. Install a 4" pipe from the drop inlet to the existing drop inlet beside Town Hall. This option is also quoted at \$2,650.

As you can see, both proposals have the same upfront cost. Proposal 2 will not have any ongoing cost as it will be operated off gravity. Proposal 1 will have an ongoing electricity cost as well as maintenance on the pump.

If Council elects to move forward with this project, my recommendation is that we proceed with proposal 2.

This item will be for discussion and direction.

# Proposal 1

**Michael Stallings**

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**From:** Joel Vinson <jcvinson68@gmail.com>  
**Sent:** Wednesday, September 17, 2014 2:25 PM  
**To:** mstallings@windsor-va.gov  
**Subject:** Flooding, 11 church st Windsor, Va.

Town of Windsor, Va

Landworks Unlimited Contracting  
757-650-8652

Proposal to address flooding issue on town property located at 11 church st. Windsor, Va.

Determining the elevations, flood mitigation can not be accommodated via gravity. Currently a sump pump is utilized and the ponding is conveyed to street gutter.

Scope... To demo approximately 3-4 linear feet of side walk. Trench from existing sump pump in place to gutter flow line at street. Install and attach discharge pipe.

Pull electrical permit for power source to sump pump from service panel at town hall. Trench from pump to rear side of town hall. Install dedicated power supply for sump pump on dedicated circuit.

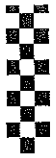
Demo existing concrete access apron on property. Form, pour, and finish sidewalk at areas of demo.

This project will be performed for two thousand six hundred fifty dollars, \$2650.00.

Terms, paid at completion.

Randy Carr

Sent from my iPad=



proposal 2

M. L. COBURN & CO. INC.

10127 JOYNEERS BRIDGE ROAD

CARRSVILLE, VA. 23315

PHONE - 757 242-6716

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EMAIL - [mlcoburn@mindspring.com](mailto:mlcoburn@mindspring.com)

To: Town of Windsor

Attn: Michael Stallings

Quote # 2893

As I said, I checked grades on the lot and there is insufficient elevation to regrade lot without shifting surface water to adjacent property. This probably would not be an option. I have only two options, that would meet your needs.

Option I - Continue to pump water as you now do. This would probably be easier if Your pump had a float switch.

Option II - Install catch basin and run 4" pipe to existing drop inlet. This would require Approximately 150' of pipe and small yard basin with grate.

Material and labor would be - \$ 2,650.00

Thank you,

Michael Coburn / president  
M. L. Coburn & Co. Inc.