



Legislation Details (With Text)

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Title: Fiber Pull from 600 Mill Street NE to 440 Beulah Road NE with Cox Communications

Sponsors:

Indexes:

Code sections:

Attachments: 1. TOV Project Summary 440 Beulah Rd NE, 2. Property Yard to 440 Beulah Rd NE Narrative, 3. Ariel View of Construction to Beulah Road, 4. Leg 1 Mill Street to Chruch - Fiber Map1, 5. Leg 2 Church Street to Beulah Rd - Fiber Map2

Date	Ver.	Action By	Action	Result
7/9/2018	2	Town Council Meeting	approved	Pass

Subject:
Fiber Pull from 600 Mill Street NE to 440 Beulah Road NE with Cox Communications

EXPLANATION AND SUMMARY :

In preparation for Town staff’s utilization and occupation of the newly acquired property at 440 Beulah Road NE, the Information Technology Department requests directing Cox Communications to extend the existing iNet fiber for network and P.E.G. services to the Town’s existing iNet network. The Town’s iNet backbone was built in 2004 with inception of the franchise agreement between Cox Communications and the Town of Vienna. The following list shows the original Town buildings and parks at which fiber optics were installed as part of the iNet buildout. The following request is a capital improvement to the Town’s iNet, extending the network and P.E.G. capabilities by adding the Beulah Road property to the Town’s iNet infrastructure.

I-NET Name	Address
Bowman House	211 Center St S
Freeman House	131 Church St NE
Glyndon Park	300 Glyndon St NE
Meadow Lane Park	400 Courthouse Rd SW
Northside Maintenance Yard	600 Mill St
Northside Park	500 Glyndon St NE
Nutley Street Property Yard	247 Nutley St
Southside Park	1315 Ross Dr NW
Vienna Community Center	120 Cherry St SE
Vienna Police Department	215 Center St S
Vienna Town Hall (Main Site)	127 Center St S

The purpose of connecting the house on Beulah Road to the existing iNet setup is to ensure direct communications with secure Town servers and resources. This connection will be dedicated and secure with existing Town buildings. During the anticipated time that police staff occupy the property, during the Police Station renovation, we can ensure a robust connection to the department's current records management applications as well as connectivity with Fairfax County and Virginia State Police for Public Safety. Fairfax County also uses iNet to connect with other jurisdictions in the DC metro area. When the police renovation is complete, the building can be used for other departments. The network infrastructure will already be in place. This request is for a one-time cost to have the fiber pulled to the Beulah Road location. Once the building is connected, all associated costs for internet, phones, and support will be covered under existing services the Town currently has. There will be no additional or recurring costs associated with the actual fiber or iNet.

Cox Communications will install fiber optics cable from the nearest Town-operated building, which is the Northside Property Yard located at 600 Mill Street NE, and connect it to the property located at 440 Beulah Road NE. The fiber will be installed along existing utility poles in certain areas and then undergrounded at others along the path. The path that Cox will use runs along Mill Street to Church Street and then to the property on Beulah Road. (See attached drawings).

This project qualifies for funding under the P.E.G. program, and there are sufficient reserved funds to accomplish this.

Departmental Recommendation : Recommends approval.

Finance Recommendation : Recommend approval.

Purchasing Recommendation : Recommend approval

Town Attorney Recommendation : Town Council may approve the proposed expenditure of P.E.G. funds for the proposed fiber infrastructure installation in its discretion.

Town Manager's Recommendation : I recommend the Town Council approve the installation of fiber optic cable between the Northside Property Yard at 600 Mill Street NE and 440 Beulah Road NE for the purpose of extending the Town's existing iNet backbone for network and P.E.G. services as presented.

Cost and Financing: \$44,349.66

Account Number: 100-190-1091-19144-48719

Decision Needed by This date: July 9, 2018

PROPOSED/SUGGESTED MOTION

"I move to approve installation of fiber optic cable between the Northside Property Yard at 600 Mill Street NE and 440 Beulah Road NE for the purpose of extending the Town's existing iNet backbone for network and P.E.G. services, with a total cost not to exceed \$44,349.66."

Or

Other action deemed necessary by Council.