

## Fiber Engineering / Construction

February 9, 2016

### SUMMARY:

This item requests approval of the cost to establish new fiber infrastructure at Braswell High School and fiber infrastructure replacement at three locations: US 377 crossing at Acme Street, Hickory Creek at Old Alton Road, and on Naylor Road.

### BOARD GOAL:

VI. Growth, Change and Fiscal Responsibility...demonstrate effective and efficient management of district resources.

### PREVIOUS BOARD ACTION:

The district is currently in contract with Henkels & McCoy for fiber engineering services. This gives the District the security of allowing Henkels & McCoy to protect and service our fiber optic network. This contract will expire June 7, 2016.

### BACKGROUND INFORMATION:

Henkels & McCoy has assisted with fiber engineering services for the district for several years.

### SIGNIFICANT ISSUES:

### FISCAL IMPLICATIONS:

Denton ISD is responsible for the costs associated with all locations. However, Denton County will reimburse the District a portion of the cost. The final cost to the District will be \$172,033.71. The project at Braswell High School will be funded from the 2013 Bonds. The remaining projects will be funded from contingency in the 2007 Bonds.

Location	Description	Engineering	Construction	Grand Total	Reimbursement from County	Denton ISD Cost
Braswell High School	New Fiber Infrastructure Cost	\$ 6,030.00	\$ 51,082.24	\$ 57,112.24	\$ -	\$ 57,112.24
US 377 Crossing at Acme St.	Fiber Infrastructure Replacement	\$ 2,872.50	\$ 24,569.70	\$ 27,442.20	\$ -	\$ 27,442.20
Hickory Creek at Old Alton Rd.	Fiber Infrastructure Replacement	\$ 3,621.50	\$ 62,081.36	\$ 65,702.86	\$ (32,851.43)	\$ 32,851.43
Naylor Road	Fiber Infrastructure Replacement	\$22,685.00	\$101,893.16	\$124,578.16	\$ (69,950.32)	\$ 54,627.84
		\$35,209.00	\$239,626.46	\$274,835.46	\$ (102,801.75)	<b>\$172,033.71</b>

### BENEFIT OF ACTION:

Passage will allow Henkels & McCoy to begin the engineering and construction work on the fiber infrastructures at the locations listed.

### PROCEDURAL AND REPORTING IMPLICATIONS:

None

### SUPERINTENDENT'S RECOMMENDATION:

It is recommended that the board approve the costs associated with new fiber infrastructure at Braswell High School and the fiber infrastructure replacement at US 377 crossing at Acme Street, Hickory Creek at Old Alton Road, and on Naylor Road, as quoted by Henkels & McCoy, in the amount of \$274,835.46, with an amount of \$102,801.75 to be reimbursed by Denton County.

### STAFF PERSONS RESPONSIBLE:

Debbie Monschke, Assistant Superintendent of Administrative Services  
Ernie Stripling, Technology Information Officer  
Kathy Arrington, Purchasing Agent  
Jennifer Stewart, Budget Coordinator

### ATTACHMENT:

None

### APPROVAL:

Signature of Staff Member Proposing Recommendation: \_\_\_\_\_

Comments: \_\_\_\_\_

Signature of Divisional Assistant Superintendent: \_\_\_\_\_

Comments: \_\_\_\_\_

Signature of Superintendent: \_\_\_\_\_

Comments: \_\_\_\_\_