

July 10, 2017

TO: Marvin Moore, Superintendent  
Rowan County Board of Education

FROM: Peter Fisher, Associate AIA, LEED AP  
RossTarrant Architects, Inc.

RE: Rowan County Multi-use Building  
Access Road Repair Cost Opinion

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Mr. Moore,

Here is a summary of the opinion of cost to repair the road to the south of the Multi-use building. Rick Whelan requested a cost opinion for this repair at the June board meeting. It is based on observing eight storm manholes/catch basins in the area:

**Option 1** – Adjust rim elevation of the existing structures up to meet adjacent pavements and add additional pavement around structures. This will keep all of the drainage the same but will raise the elevation of the structures so there are not in such a deep hole.

- Demolition - \$3,000.00
- Adjust Structures - \$10,000.00
- New Pavement around Structures - \$8,000.00

**Option 1 Total - \$21,000.00**

**Option 2** – Remove existing Catch Basins and Install Heavy Duty Trench Drain down the Middle of the Drive and connect to existing storm water system. Mill and Overlay existing pavement to uniformly slope towards the new trench drain.

- Demo – \$12,000.00
- New Heavy Duty Trench Drain (500 L.F.) - \$100,000.00
- Mill and Overlay Drive on South Side of Building - \$80,600.00

**Option 2 Total - \$192,600.00**

END OF MEMORANDUM

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Enclosures

c: Ronald E. Murrell, Jr., AIA, LEED AP;  
Laith M. Ross, PE, LEED AP;  
Roland P. Mueller, AIA, LEED AP;  
Michael B. Mays, PE