

CITY OF CROSSVILLE

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M E M O

TO: Council Members

FROM: Billy Martin, Supervisor
City of Crossville, Utility Maintenance

DATE: September 20, 2016

RE: Utility Transfer of South Old Mail Road/Coon Hollow Road

South Cumberland Utility District has proposed the transfer of water mains and services to the City of Crossville. If the City accepts the transfer, the area to be transferred falls between the South Old Mail Road master meter pit and the master meter at Pigeon Ridge Road. The City of Crossville supplies water to both areas. Plans and GIS aerials of area utilities are included. It is my recommendation we accept this offer, and in the future tie the two dead-ends together. This action will provide the city utility another feed to the Homestead/Linary – 127S area.

The following information for the transferred utilities:

- Provided copy of installation plans
- Age of water lines:
 - Coon Hollow Road – 1984, 32-years old
 - South Old Mail Road – 2001, 15-years old
- Size of water lines
 - Coon Hollow Road and Pigeon Ridge Road side of South Old Mail Road – 4" PVC water mains
 - South Old Mail Road that is fed from 127S side – 6" PVC water main
- Type of water main lines – all are PVC pipe
- Type of water service lines – all are PVC pipe
- Total average service water usage per month on 40 active accounts – 176,600 gallons
- Total services active and inactive accounts – 50
- Total monthly flushing loss average 9,000 gallons
- Leak history on water mains – none available
- All meters (manual read) currently in use will transfer to the City
- As time permits, the city will convert meters to the AMR (Automatic Meter Read) system at a average cost of \$179.00 (meter and AMR ert)
- Replacing meter cost (active accounts only), meter \$125.00 + AMR Ert \$54.00 = \$179.00 x 40 accounts = \$7,160
- Future Plans: The estimated material cost for a 6" PVC water line to connect water main dead-ends is \$5 per foot at a estimated 2,500 feet = \$12,500 (City to install)
- Services have meter yokes with most having check valves
- The master meters on South Old Mail Road and Pigeon Ridge Road belong to the City of Crossville.