

TO: Mayor Thacker; Town Council
FR: Ray Allen
DATE: 2/27/18
RE: Rutherford Street Water Lines and Resurfacing

As we have discussed previously, the replacement of the water lines on Rutherford Street beginning at the southern edge of the intersection with Martin Street is part of the application for the USDA grant/loan. Bill Lester with LKC Engineering has estimated that the grant portion of any award will be between 25% and 50%. The Town can elect to use water and sewer funds to replace this water line now so that the street can be paved earlier, but it will mean giving up the grant portion that we hope to receive for the project. If Council elects to remove this from the USDA application, it would accelerate paving Rutherford Street by approximately two years. The estimated cost of replacing the water lines on Rutherford from Martin Street to Morgan Street is \$324,125.00.

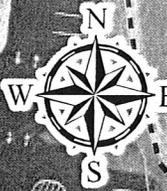
Hugh James and I have looked at this again in light of the concerns expressed by the Mayor and Council about the condition of the intersection with Martin Street and we recommend that Council authorize the resurfacing of Rutherford from Highway 74 through the intersection with Martin Street. This can be resurfaced now and will not need to be disturbed when the water lines are replaced except for a small area where the connection will be made on the south side of the intersection. We believe this makes sense since this intersection is the worst part of this street. The remainder of the street south of Martin can then be paved after the water line project.

ATTACHMENT H
MARCH 5, 2018 MINUTES

Town of Wadesboro Water System Improvements
Rutherford Street Water Main Replacement
Martin Street to Morgan Street

Description	Quantity	Unit Price	Extended Price
12" CL 250 DI Water Main	400 LF	\$ 85.00	\$ 34,000.00
8" CL 250 DI Water Main	360 LF	\$ 65.00	\$ 23,400.00
12" Gate Valve	3 EA	\$ 3,500.00	\$ 10,500.00
6" Gate Valve	1 EA	\$ 2,500.00	\$ 2,500.00
12" DI Bend/	4 EA	\$ 750.00	\$ 3,000.00
12" x 12" Tee	1 EA	\$ 950.00	\$ 950.00
12" x 8" Tee	1 EA	\$ 900.00	\$ 900.00
12" x 6" Tee	1 EA	\$ 850.00	\$ 850.00
12" x 8" Reducer	1 EA	\$ 700.00	\$ 700.00
8" Gate Valve	5 EA	\$ 2,750.00	\$ 13,750.00
8" DI Bend/	12 EA	\$ 550.00	\$ 6,600.00
Sanitary Sewer Conflict	4 EA	\$ 3,000.00	\$ 12,000.00
Storm Sewer Conflict	3 EA	\$ 4,000.00	\$ 12,000.00
6" DI Fire Line Service Reconnection	3 EA	\$ 2,500.00	\$ 7,500.00
Fire Hydrant Assembly	3 EA	\$ 5,500.00	\$ 16,500.00
Connect to Existing Main	7 EA	\$ 3,500.00	\$ 24,500.00
1" Service Reconnection	16 EA	\$ 1,800.00	\$ 28,800.00
2" Service Reconnection	6 EA	\$ 2,500.00	\$ 15,000.00
Asphalt Removal and Replacement (Town Streets)	350 SY	\$ 75.00	\$ 26,250.00
Concrete Curb & Gutter Removal and Replacement	115 LF	\$ 55.00	\$ 6,325.00
Concrete Sidewalk Removal and Replacement	60 SY	\$ 75.00	\$ 4,500.00
Estimated Construction Cost			\$ 250,525.00
Construction Contingency			\$ 25,100.00
Survey			\$ 5,000.00
Engineering Design			\$ 20,000.00
Permitting			\$ 500.00
Bid Management			\$ 7,000.00
Construction Administration & Inspection			\$ 16,000.00
Total Project Cost			\$ 324,125.00

Rutherford Street Water
Main Improvements
Town of Wadesboro, NC



SALISBURY

GREEN

MARTIN

Proposed 12-inch
Water Main

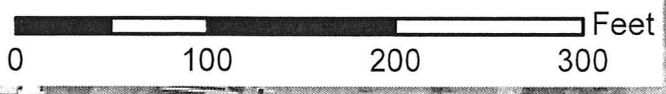
WADE

Proposed 8-inch
Water Main

RUTHERFORD

GREEN

MORGAN



Legend

Proposed Water

- 8-inch
- 12-inch
- Ex. Water