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September 24, 2018

Town of Lookout Mountain TN

Re: Scope of work is to repave four sections of existing roads for the Town of Lookout Mountain.

In addition to the road paving, a section of Laurel Lane is to be graded and paved.

Bidding contractor will need to meet with Cory Evans, Director of Public Works to see sites to be paved.

The following steps will be required to complete the road repaving.

- 1) Mill approximately 687 square yards of previously skin-patched surface, edges and driveways to a depth of 2 inches.
- 2) Scarify remaining surface and clean entire surface with a power broom.
- 3) Tack coat milled skin patched areas at a rate of .05 to .10 gallons per square yard.
- 4) Furnish and install a minimum of 2 inches of binder to the milled areas. New asphalt needs to end up flush with adjacent asphalt surfaces.
- 5) Once patched areas have cooled, entire surface needs to be tacked at a rate of .05 to .10 gallons per square yard.
- 6) Once area has been tack coated, contractor will lay a minimum of two inches of topping surface hot mix asphalt.
- 7) When surface has cooled, traffic will be permitted to start using road.

The following steps will be taken to complete the grading and paving of the section of the road off Laurel Lane.

- 2) Grade and compact existing aggregate with a slope and area to be instructed by the Town superintendent.
- 2) Tack coat tie in on existing road.
- 3) Furnish and install two inches of binder
- 4) When binder course has cooled tack coat will be applied at a rate of .05 to .10 gallons per square yard.
- 5) Once tack coat has been applied, 1.5 inches of topping surface mix asphalt will be furnished and installed.
- 6) Let surface cool before permitting traffic to use.

Required Paving Equipment:

- 1) Asphalt paver will be required to extend to a minimum of 15 feet.
- 2) Asphalt compaction will require a minimum of a 3-ton roller.
- 3) Base stone grader will require a pneumatic wheeled blade grader.
- 4) Base stone compactor will be a minimum of 20-ton vibratory roller.
- 5) Cold planer can consist of a skid steer machine.

Material Requirements:

Tack Coat: SS 1 H or comparable material

Binder Asphalt: B modified

Surface Asphalt: CW (city E Mix)

Note:

Contractor will be required to raise any manhole or water valves to match finish elevation.

Town of Lookout Mountain Public works Department will take care of traffic control.

Any questions will be directed to the public works department

