

Transportation Bond Project Descriptions (including resurfacing, sidewalks, bikeways, intersections and transit)

Street Resurfacing Projects \$18 Million:

\$18 Million of the transportation bonds for resurfacing over the next 10 years is to be combined with the \$38 Million generated from the registered motor vehicle license fee increase for a total of \$46 Million or \$4.6 Million per year. A 2015 pavement survey indicates that about 43% of the streets in Greensboro need significant patching and resurfacing. Specifically, \$18 Million for various street resurfacing projects will allow the resurfacing of about 212 lane-miles of city-owned streets throughout the City of Greensboro. Resurfacing these streets will enhance motorist safety, community appearance and allow for new bike lanes to be developed.

Sidewalk Projects, Pedestrian/Bicycle Enhancements and Intersection Improvements, and Bus Replacements \$10 Million:

The City will need 20% in local funds to match available Federal Transportation funds over the next 10 years that will provide a total funding package of \$25 Million to construct sidewalks along various major and minor thoroughfares throughout the City. Specific sidewalk locations have been identified as Tier 1 and Tier 2 needs in the recently updated BiPed plan, with a goal to install 100 miles of new sidewalks over the next 10 years.

Bicycle and Pedestrian Enhancements along various corridors and intersection enhancements to improve mobility and safety at various intersections as identified in the Traffic Safety Report, Congestion Management Report, and the BiPed Plan. Improvements include remarking streets for bike lanes, adding turn lanes to congested intersections, enhanced pedestrian crossing like “bulb-outs”, refuge islands/medians, and various other intersection and corridor enhancements to improve safety and mobility.

Over the next 10 years 30 transit vehicles, including HEAT buses, will have met their useful life of 12 years in service and/or 500,000 miles of travel and will need to be replaced. The City will need to provide a 20% local match to available Federal Funds for a potential total of \$25 Million for bus replacements. *The Replacement of old diesel buses with electric buses has the potential to save \$350,000 in operating and maintenance costs over the life of the bus.*

Total proposed of \$28 Million with a total leverage of up to \$48 million.