

### **SCOPE OF PROJECT**

The Project location is within the Brookton North Subdivision located off of Williams Farm Drive just east of intersection with Ga. Hwy 316. Brookton North Subdivision includes improvements for the entire length of Williams Farm Drive and interior streets within Brookton North Subdivision. Streets to be milled and repaved include Williams Farm Drive (3,259 LF +/-), Torrey Place (599 LF +/-), and Hannah Court (718 LF +/-) and all cul-de-sacs. All streets are approximately 23' wide +/- from edge of pavement to edge of pavement with 80' diameter cul-de-sacs. The Scope of the project is to make asphalt pavement improvements along the subdivision streets where asphalt pavement is deteriorating and failing. The City will edge mill the entire subdivision streets and then deep patch mill portions of the street where subgrade issues appear to be present. Once edge milling and deep patch milling operations are complete, then each street will be repaved with new asphalt and centerline crown built up to re-established proper drainage patterns for stormwater to drain to existing curb & gutter and storm inlets. Limits of work include all asphalt pavement within right-of-way of City of Dacula for street identified.

The City is seeking 2025 Local Maintenance & Improvement Grant (LMIG) funds to make asphalt pavement improvements within the Brookton North Subdivision by milling and repaving the streets, replacing street signage, and restriping existing stop bars. The paving scope will consist of edge milling the existing subdivision streets. Edge Milling will start at 2-1/2" depth at gutter line and then taper to zero out towards the centerline of the road. Once edge milling is complete, the Contractor will perform an additional 4" of Deep Patch Milling to repair alligatored and deteriorating asphalt where marked by the City and it's Engineer. Once milling is complete, deep patch milled areas will receive 4" of 25 mm Superpave Asphalt Binder Course to make flush with the remainder of the existing milled areas. An asphalt tack coat will then be applied over entire existing asphalt pavement prior to installing 1" inch of 'D' Mix Asphalt Binder Course. A second tack coat will be applied over entire surface prior to installing 1-1/2" of 'F' Mix (9.5 mm) Type 2 Asphalt Surface Course. All new pavement repair shall have smooth transition with adjacent existing asphalt intersections, curb & gutter, and driveways. Contractor shall then re-stripe streets to match existing conditions. Finally, new street signs will be installed to replace aging and faded signage.

The design calls for building up crown in centerline of the road to maintain and re-establish cross slopes from centerline to curb & gutter for proper stormwater drainage. Also includes replacing street signage and restriping as in existing conditions.

The Opinion of probable construction costs for all edge milling, deep patch milling, asphalt repaving, signage, and striping is \$520,326.70. This project serves 60 homes within the Brookton North Subdivision and egress for Brookton Place Subdivision.