

## Transportation – Plan Requirements

- For access from a State Route, obtain and provide copy, for inclusion in development plans, of Georgia DOT approved permit, stamped plans, and correspondence.
- Provide typical paving section for entrances and deceleration lanes using 10" GAB, 4" Asphalt Concrete Base (25mm Superpave), 2" Binder (19mm Superpave), and 1.5" Asphalt "E" or "F" (12.5mm Superpave). Prime Coat and Tack Coat as per Standard Detail 201 and Georgia DOT requirements.
- Provide typical paving section for internal roadway using 6" GAB, 2" Binder (19mm Superpave), and 1.5" Asphalt "E" or "F" (12.5mm Superpave). Prime Coat and Tack Coat as per Standard Detail 201 and Georgia DOT requirements.
- Shoulder slope with sidewalk shall be  $\frac{1}{4}$ "/ft. Shoulder slope without sidewalk shall be  $\frac{1}{2}$ "/ft.
- Include 20' x 20' utility miters at intersections.
- All radii at residential development entrances shall be a minimum of 40 feet.
- All radii at internal residential street intersections shall be a minimum of 35 feet.
- Internal street intersections shall be spaced at a minimum of 125 feet, measured from edge of travel lane to centerline of internal street.
- Pavement width for two-way traffic shall be a minimum of 24 feet from edge of pavement to edge of pavement and shown on the plans.
- Pavement width for one-way traffic shall be a minimum of 16 feet from edge of pavement to edge of pavement and shown on the plans.
- The additional traffic generated by the proposed development could possibly require the inclusion of a left-turn lane. Provide traffic engineering study for peak hour traffic volumes in each direction and projected turning movements at entrance for left-turn lane consideration.
- Provide Mail Kiosk area location and details, with parking and ADA accessible handicap parking.
- Provide intersection sight distance plan and profiles at 1" = 20' scale for proposed entrance and internal intersections. Sight distance should be indicated as 3.5 feet (level of eye sight) to an object 3.5 feet tall.
- A statement from the engineer or designer is needed which certifies the constructed product will provide the intersection sight distance as proposed, and field verification regarding this matter will be provided to the County prior to Final Plat.
- Include current Standard Detail 204 "Intersection Sight Distance Requirements for Driveways and Side Streets".

- Provide all Vertical Curve information. Maximum roadway grade is 14%. Minimum length of crest and sag vertical curves shall be 100 feet. Minimum K values: Crest Verticals = 12 and Sag Verticals = 26. Maximum grade on cul-de-sacs and cul-de-sacs within vertical curves shall not exceed 6%.
- Provide all horizontal curve data and label horizontal curves on plans. Minimum radius is 100-feet.
- Provide right-turn deceleration lane and taper as per Cherokee County Standard Detail 206 for subdivision entrances and Standard Detail 210 for non-subdivision entrances. Include appropriate detail in plans and provide cross sections every 50-feet indicating existing and proposed pavement and shoulder details (pavement slope same as existing or minimum  $\frac{1}{4}$ "/ft.). Provide deceleration lane and taper dimensions on the plans.
- Provide left-turn lane and taper as per Georgia DOT Specifications. Left-turn lane and all proposed paving, including existing pavement, shall be overlaid with 1.5" Asphalt "E" or "F" (12.5mm Superpave). Milling of existing pavement may be required or as directed by the Engineer.
- As per County Standard Detail 206, curb and gutter not to extend within 12 feet from edge of travel lane.
- Provide a minimum of 13 feet of right-of-way behind back of curb of deceleration lane for utility relocations.
- Pedestrian crosswalks shall be per Georgia DOT standard details and included in the plans. Minimum crosswalk width is 8 feet. Jogs are not allowed in pedestrian crosswalks unless proper pedestrian refuge is provided (i.e. concrete island, etc.).
- Stop signs and stop bars shall be per Georgia DOT standard details and included in the plans.
- Sections of proposed roadway widening of 5 feet or less shall follow the GDOT Class "B" Concrete Base or Widening Detail. Add detail to plans.
- A statement from the engineer or designer is needed which certifies the constructed product will provide the intersection sight distance as proposed, and field verification regarding this matter will be provided to the County prior to Final Plat.

## Transportation – Required Notes

- **Plan Note:** All cuts in pavement and pavement edges adjoining new pavement shall be saw cut. All rigid pavement to rigid pavement shall be doweled with No. 4 Bars spaced 12 inches on center and grouted.
- **Plan Note:** All pavements striping and markings shall be Thermoplastic as per Georgia DOT specifications and noted on the plans.
- **Plan Note:** Liability and Responsibility of Applicant: The applicant is responsible for the relocation, adjustment or removal of all utility conflicts within the development area at no cost to Cherokee County. The County encourages the applicant to contact the Utilities Protection Center (UPC) for “Design locate requests” which aids in the location of existing utility facilities for pre-design, advance planning purposes, etc. Excavators shall contact the UPC in accordance with the Official Code of Georgia Annotated 25.9, before commencing excavation activities.
- **Plan Note:** Ownership of Completed Work: Median crossovers, right-turn/deceleration lanes, left-turn lanes, etc. constructed within County right-of-way becomes features of the highway and the unconditional property of the County. The applicant or property owner(s) and/or lessees adjacent to the right-of-way at the crossover site retain no ownership or legal interest therein. The County reserves the right and all authority to close, relocate or remove a crossover when such action is deemed necessary in the interest of public safety or efficiency of the roadway. When determined necessary by the County, additional right of way for the construction and placement of auxiliary lanes shall be relinquished to the County (minimum 13 feet from back of curb).