



Hall County Government
PUBLIC WORKS AND UTILITIES
TRAFFIC ENGINEERING DIVISION

Residential Driveway Requirements

POST OFFICE DRAWER 1435
GAINESVILLE, GA 30503
t: 770.531.6800 | f: 770.531.3945

SCOTT PUCKETT
Traffic Engineer

1. Driveway Width: 8 foot minimum, 15 foot maximum.
2. Angle of Entry: 60 – 90 degrees or parallel to property line.
3. Driveway Radius: 3 ½ foot minimum, 15 foot maximum.
4. Distance From Side Property Line: 5 foot minimum.
5. Driveway Grade: Maximum 17 percent.
6. Intersection Clearance:
 - A. Driveways must not encroach upon radii of intersecting roadways.
 - B. The following minimum distances from intersecting right-of-way lines of roadways shall apply where there are no conflicts:
 1. Roadway traffic volume (ADT) of 1,500 or less – 20 feet.
 2. Roadway traffic volume (ADT) over 1,500, less than 10,000 – 35 feet.
 3. Roadway traffic volume (ADT) over 10,000, less than 15,000 – 50 feet.
 4. Roadway traffic volume (ADT) over 15,000 – 65 feet.
7. When applicable, the driveway pipe must be a minimum 15 inches diameter and must be Georgia DOT approved corrugated type II aluminized steel, reinforced concrete, or dual walled high density polyethylene (HDPE). Hall County will advise of pipe size needed. If technical assistance is needed for pipe sizing or drainage, please contact the Engineering Division at 770-531-6800.
8. No headwalls (safety end sections may be required), hazardous mail box supports, fences, columns, etc. are allowed on the right-of-way.
9. Any necessary warning and/or construction signage will be the responsibility of the applicant.
10. All disturbed right-of-way must be stabilized to Hall County standards.
11. Driveways must slope down and away from the roadway for a sufficient distance to prevent water, gravel, etc. from flowing into the roadway. Water cannot be diverted to Hall County right-of-way.
12. Sight distance requirements are attached.
13. Designs for driveways onto roadways with curb and gutter and sidewalks are attached.



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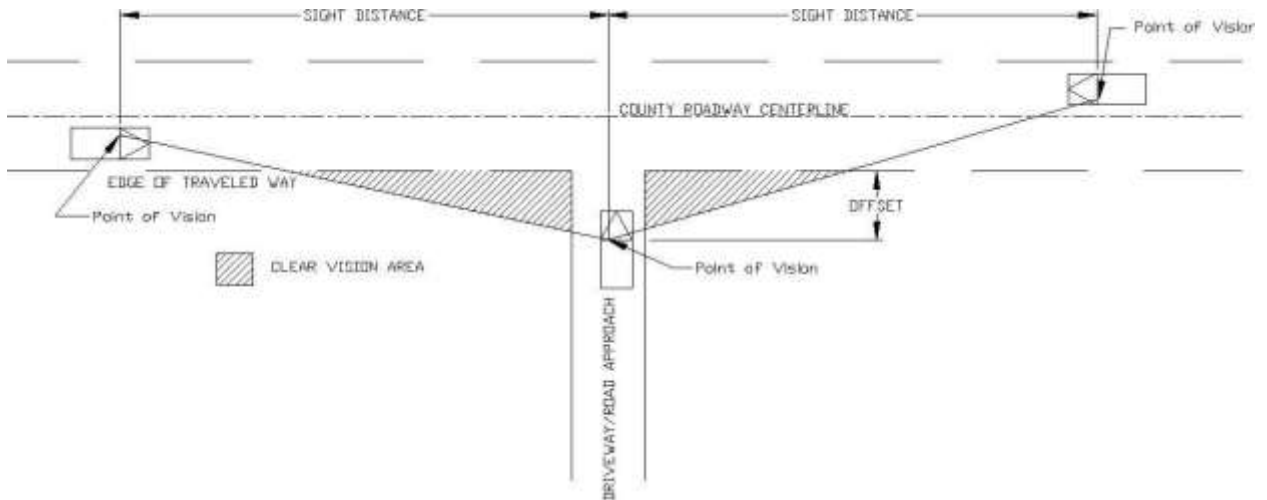
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Intersection Sight Distance:

Intersection sight distance for a passenger car entering the intersection road from a driveway will be measured assuming a driver's eye height of 3.5 feet above the driveway surface and that the object to be seen is 3.5 feet above the intersecting road surface. The driver's eye location will be measured 10 feet from the edge of the traveled portion of the intersecting road for residential driveways. Intersection Sight Distance shown in the following table is for a stopped passenger car entering a two-lane roadway with no median and grades of 3 percent or less. For other conditions, adjustment factors must be applied.



INTERSECTION SIGHT DISTANCE FOR PASSENGER CARS	
Design Speed (mph)	Intersection Sight Distance (ft)
25	276
30	331
35	386
40	441
45	496
50	551
55	606



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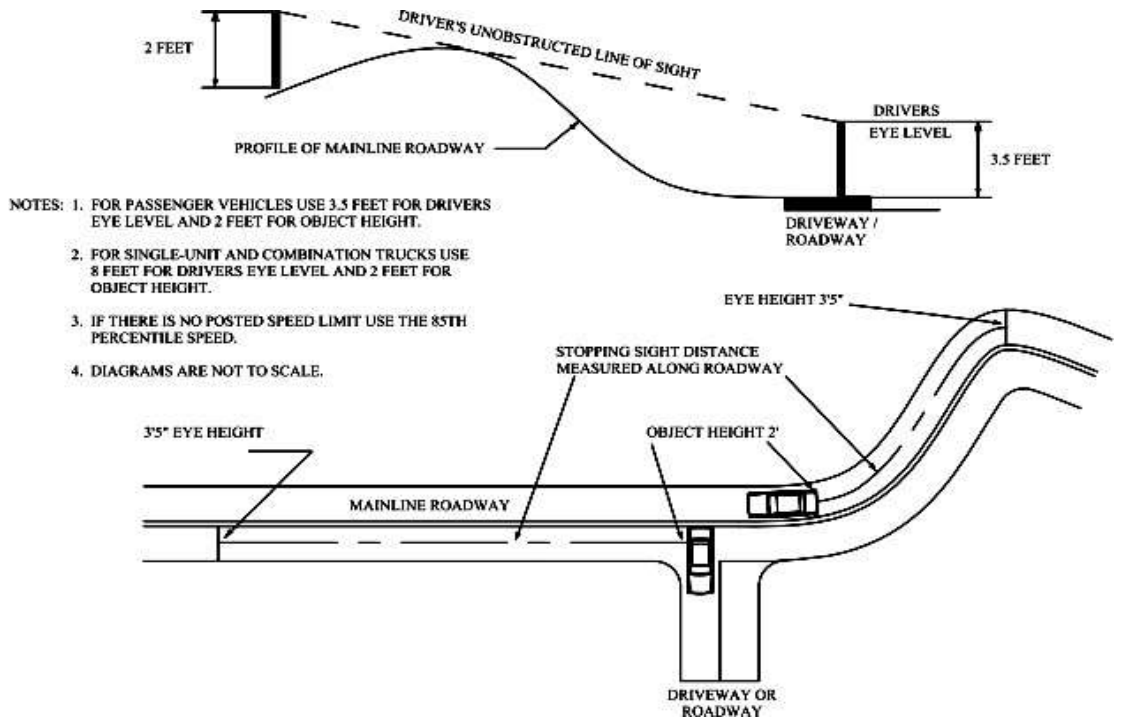
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Stopping Sight Distance:

Sight distance shall be provided for vehicles traveling on the intersecting road approaching the driveway. This sight distance is the length of the roadway ahead that is visible to the driver. The available sight distance on a roadway should be sufficiently long to enable a vehicle traveling at or near the design speed to stop before reaching a stationary object in its path. In computing and measuring this sight distance, the height of the driver's eye is estimated to be 3.5 feet and the height of object to be seen by the driver is 2 feet.



- NOTES: 1. FOR PASSENGER VEHICLES USE 3.5 FEET FOR DRIVERS EYE LEVEL AND 2 FEET FOR OBJECT HEIGHT.
2. FOR SINGLE-UNIT AND COMBINATION TRUCKS USE 8 FEET FOR DRIVERS EYE LEVEL AND 2 FEET FOR OBJECT HEIGHT.
3. IF THERE IS NO POSTED SPEED LIMIT USE THE 85TH PERCENTILE SPEED.
4. DIAGRAMS ARE NOT TO SCALE.

STOPPING SIGHT DISTANCE FOR PASSENGER CARS	
Design Speed (mph)	Stopping Sight Distance (ft)
25	155
30	200
35	250
40	305
45	360
50	425
55	495

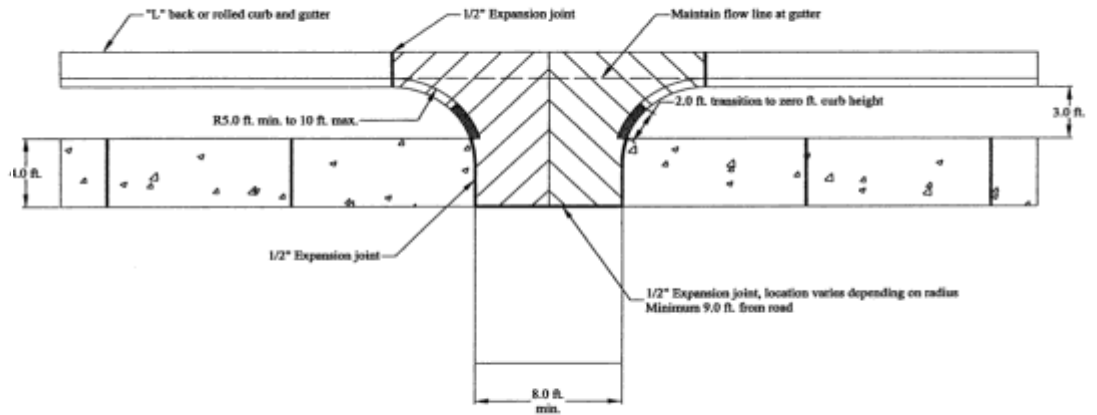
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Driveway design detail for roadways with existing curb and gutter and/or sidewalks:

EXHIBIT "D", FIGURE 7: CONSTRUCTION REQUIREMENT VALLEY GUTTER, RESIDENTIAL DRIVEWAY

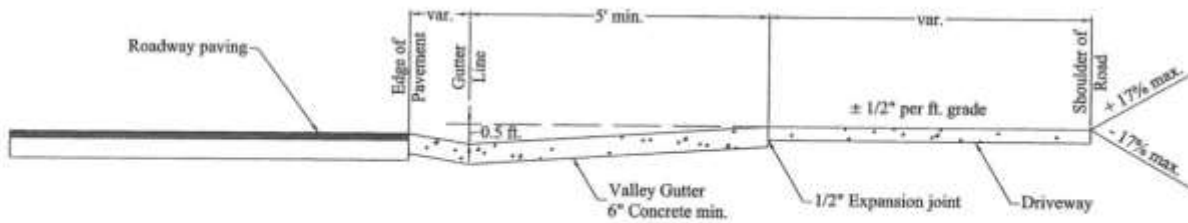


NOTES:

1. Sidewalk to be flush with top of valley gutter
2. Concrete in valley gutter to be 6" in depth
3. Expansion joint between valley gutter and driveway may not be in the path of the sidewalk

NOT TO SCALE

PLATE 13: CONSTRUCTION REQUIREMENT VALLEY GUTTER, RESIDENTIAL DRIVEWAY



NOT TO SCALE

NOTES:

1. Sidewalk to be flush with top of valley gutter
2. Concrete in valley gutter to be 6" in depth
3. Expansion joint between valley gutter and driveway may not be in the path of the sidewalk