



Transportation Checklist for Land Disturbance Permits

Project Name: _____ Date: _____

Permit Number: _____ Telephone: 678.242.2559

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Overlay District: _____

Please address all items marked with an "X"

Note: The following abbreviations are used in the checklist:

MUTCD—Manual of Uniform Traffic Control Devices. A signing and striping reference document produced by the Federal Highway Administration

AASHTO—A Policy on Geometric Design of Highways and Streets, by American Association of State Highway Transportation Officials

R/W—Right of Way

GDOT—Georgia Department of Transportation

GDOT Driveway Permit Number # _____.

This development accesses on a road maintained by GDOT and/or a City road with a currently programmed state improvement project. Provide GDOT driveway permit number and approval. No Land Disturbance Permit will be issued showing roadway improvements until GDOT plans and approval are presented to Milton Department of Community Development.

GDOT R/W Dedication and Reservation

Plans must show GDOT mandated R/W dedications and reservations for all projects adjacent to any road maintained by GDOT and/or any City road with a currently programmed state improvement project.

Traffic Control Plan

A separate sheet dedicated to a Traffic Control Plan should be submitted with the Land Disturbance Permit approval drawings if the improvements associated with the development will create the need for supplemental road improvement, signing, or striping of a City road which will either be accessed on or dedicated by the development. The plan should be at a scale of between 1" = 20' and 1" = 60', contain a location map and north arrow. It must include all warning devices, barricades, signage, and operational changes to all affected roads, including any necessary detour routes. All work zone signage and marking must conform to the MUTCD. An 8 x 11 copy of this plan is required when ROW Encroachment Permit is filed by Contractor.

AASHTO Compliance

- All road designs shall conform to AASHTO and these checklist items as a minimum. Revise plans to conform to AASHTO requirements noted in the review.
- Plan Conventions. All plans must include north arrow (oriented to top or right of sheet), location map, and scale of between 1" = 20' and 1" = 60'.

A. Curb Cuts

- 1. Show all existing and proposed curb cuts which are within 300 feet of proposed driveway(s) along property frontage.
- 2. Dimension distance from centerline of project curb cuts to existing and/or proposed curb cuts.
- 3. Show angle of incidence of centerline of driveway and entrance, with centerline of road.
- 4. Show width of driveway entrance from back of curb to back of curb. Driveway widths must conform to Milton Driveway Manual and Standard Details.
- 5. Show concrete apron per Milton Standard Details. For private residential street entrances and commercial and industrial entrances; add this detail to your plans.
- 6. Show right-in/right-out only curb cut design per Milton Standard Details; add this detail to your plans. Provide inset detail with dimensions and at least one coordinate for stake-out.
- 7. Show any proposed walls and/or fences along the property frontage. No portion of the fence or wall may be closer than 3' to the R/W line. If the fence is located within the R/W reservation, an agreement must be filed, before LDP issuance, that the fence will be removed at no cost to the City at any future time that the City may purchase the reservation. Such agreement must be filed with the City Clerk and the Department of Public Works, and tied to the property deed.
- 8. Show separate dimensioned entrance detail for all gated entrances. Provide gate permit application.

B. Roadway Construction/Drainage

- 1. Show proposed improvement(s) on City roads dimensioned from legal centerline of road. Include deceleration, left turn lanes, road widening, and other improvements as required by Milton Driveway Manual. All improvements must conform to Milton Standard Details.
- 2. Show how the proposed road improvement(s) will be tied into the existing conditions, on the City road at the limits of the property frontage with the adjacent parcel(s).
- 3. Show Milton Standard Details, for pavement.
- 4. Show typical Milton standard cross-section as required.
- 5. Subdivision mass grading is not acceptable. Redesign to show road clearing only. Lots require individual site plans.

C. Signing/Striping

- 1. Show legal centerline of all existing and proposed City roads. Show speed limits for all roads (existing and proposed); locate any adjacent speed limit signs; label proposed as future public or private.
- 2. Show deceleration lane(s) striping and signage, if required. Show signing and striping on the plans per Milton Standard Details and the MUTCD.
- 3. Show left turn lane(s) striping and signage, if required. Show signing and striping on the plans per Milton Standard Details and the MUTCD.
- 4. Show striping plan for frontage resurfacing. Show signing and striping on the plans per Milton Standard Details and the MUTCD.

D. Sight Distance

- 1. Intersection Sight Distance Profile

Show intersection sight distance (not to be confused with stopping sight distance) of each proposed intersection entrance, street or driveway.

Intersection sight distance is determined with an assumed height of driver's eye of 3.5 feet and an assumed height of object of 3.5 feet when measuring in the vertical plane. When measuring in the horizontal plane, the intersection sight distance is determined with an assumed driver's eye location from a point 4' offset from the centerline and 15'

from the edge of closest travel lane to a point along the centerline of the closest oncoming travel lane. When measuring in either plane, the line of sight must remain in the proposed standard dedicated ROW and may not be obstructed by monuments, walls, fences, trees, hedges or other visual impediments / obstructions.

- 2. Show Sight Triangles shown on tree plans and site plan. Show proposed wall and sign locations outside the sight triangle.

E. Right of Way / Utilities

- 1. Show proposed R/W dedication and reservation, dimension from centerline.
- 2. Show a 10.5 foot R/W shoulder dimensioned from the back of curb of all road improvements, if the road improvement plus 10.5 feet will be greater than the proposed R/W dedication.
- 3. Show R/W miter at external street intersections of at least 20 feet radius. Ensure intersection site distance, free of obstructions, is provided.
- 4. All utility locations must conform to Milton Standard Details; add this detail to your plans. Specify which trench detail (based on site utility needs) on utility plan.
- 5. Show R/W widths for all proposed streets and cul-de-sacs per Milton Standard Details, Subdivision Regulations, and Driveway Manual.

F. Vertical Alignment (for internal streets)

- 1. Minor street (44' ROW) = 14% maximum grade
All grades exceeding 12% shall not exceed a length of 250 feet.

Minimum: $K > 12$ sag
 $K > 16$ rest
- 2. Show minimum centerline profile and longitudinal gutter slopes with grade of at least 1 percent when used as a tangent.
- 3. Show minimum Vertical curve lengths, per Milton Subdivision Regulations.
- 4. Show compliance with Milton Subdivision Regulations for leveling course design at approaches to an intersection.

- 5. Show 4% max break at side road intersections with mainline for a minimum distance of 50 feet.

G. Horizontal Alignment (for internal streets)

- 1. Show minimum horizontal centerline curve radius, per Milton Subdivision Regulations.
- 2. Show minimum tangent lengths between reverse horizontal curves of 100 feet, per Subdivision Regulations.
- 3. Show desired ninety degree angle of incidence between intersections, per Subdivision Regulations.

H. Traffic Report – Required.

- See separate checklist.

I. Signal Permit

- See separate checklist.

J. Notes- Show the following notes on the plans prior to approval:

- 1. GDOT structures required in the Right-Of-Way. All pavement work shall be saw cut.
- 2. GDOT specifications, standards, and details on projects in the City of Milton.
- 3. New pavement / surfacing is required across all property frontages to existing centerline, to be installed per Milton Standard Details or as additionally directed by Milton Traffic Engineer:
- 4. Striping (white and yellow) and arrow marking shall be applied using GDOT standards for thermoplastic striping for all work in the R.O.W. Work within the site may be traffic paint.
- 5. When necessary, existing striping shall be removed by grinding, unless specified by Milton Traffic Engineer.
- 6. All final signage must be installed concurrently with the performance of the striping work.
- 7. Separate R/W permit is required construction and signage.
- 8. HC detectable warning devices must be either tile or paver type. Stamped warning are not acceptable.
- 9. Engineering Testing is required for subbase, base, and asphalt/concrete. Include Engineering Testing Guidelines.

10. Notify City Engineer and City Inspector 24 hours prior to every phase of construction.
11. Off-street parking shall be provided and maintained throughout construction.
12. Upon completion of construction, the project engineer shall submit to Community Development department and as-built set of plans and certification.
13. All radi? and pavement withes are mean? Back of curb unless otherwise noted.
14. If signs, stripping and modifications to traffic control are required as part of this development, control must be complete and approved by City Traffic Engineer prior to occupancy.
15. Road on lane closure is not permitted during the hours of 7:00AM – 9:00PM and 4:00PM – 7:00PM (or other hours as directed by the Community Services Department).
16. All water meters shall be relocated outside sidewalk.
17. All standard highway signs shall be fabricated and erected in accordance with the details shown in the plans, the manual on uniform traffic control devices, current edition, and the Georgia standard specifications, supplemental specifications, and/or special provisions.
18. Sign erection locations are approximate and may be adjusted to meet field conditions where necessary, but shall be within the limitation set forth in the manual on uniform traffic control devices, current edition, no sign location shall be changed by the contractor or by the project engineer without prior approval from the office of traffic operations.
19. All standard highway signs shall be erected at a height of 7 feet above the normal edge of pavement to the bottom of the sign or assembly.
20. Horizontal clearance for standard signs on all other roadways shall be 6 feet from the edge of paved shoulder or 12 feet form the normal edge of pavement to the nearer edge of the signs, whichever is greater, the horizontal clearance in non-mountable curb sections shall be at least 2 feet from the curb face to the nearer edge of the signs.
21. Type III (encapsulated lens) reflective sheeting shall be used for all standard highway signs requiring reflectorized backgrounds except as specified below or specified otherwise in the plans. Either class 1 or class 2 adhesive backing is permissible.

22. Type VI (wide angle prismatic) reflective sheeting shall be used for all red series signs (R1-1, R1-2, R1-3A, R1-4a, R5-1).

Note:

All water meters, water valves, fire hydrants, and sanitary sewer manholes are to be adjusted to grade unless otherwise noted.

The City of Milton reserves the right to change this checklist and/or any review criteria deemed necessary at any time. Checklist updated 3/29/07