

## APPENDIX VI

## ALACHUA COUNTY PUBLIC WORKS UTILITY ACCOMMODATION GUIDE

Alachua County Public Works intends to utilize the Florida Department of Transportation (FDOT) Utility Accommodation Manual for installation guidelines, to the greatest extent possible. This guide shall be utilized to provide exceptions to the referenced FDOT standards.

The following items are exceptions to the FDOT Utility Accommodation Manual:

### PERMITTING

- 1.) Applications shall be submitted on the Utility Permit form, Appendix A.
- 2.) Permit applications shall be accompanied by the appropriate fee as established by resolution of the Board of County Commissioners.
- 3.) All reference to the Local Maintenance Engineer, the District Maintenance Engineer, or the District Permit Engineer shall be understood to mean the County Engineer.
- 4.) All permits submitted for approval shall be originals, in triplicate.
- 5.) Pictures of the proposed work are not required, unless specifically requested during the approval review process.
- 6.) Emergency repair, initiated to protect life and property, may be initiated immediately and the County Engineer, or his designee, shall be notified immediately. A permit application must be initiated the following business day.

### NON-COMPLIANCE

- 1.) Permit non-compliance will be addressed in accordance with the Utility Installation Ordinance.

### ACCOMMODATION STANDARDS

- 1.) Permits for installations on rights-of-way designated as "Scenic Roads", by act of the Board of County Commissioners, shall conform to all stipulations of the respective Ordinance for utility installations.
- 2.) Clear recovery zone dimensions shall be governed by the FDOT Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (Green Book) when dimensions reflected in the Accommodation Manual are less restrictive.

### PAVEMENT CUTTING

1.0) Cutting of the asphalt surface of an existing County maintained roadway will only be allowed in extenuating circumstances. Pavement cuts that are allowed shall have the asphalt surface replaced within 24 hours, with open cut restoration performed in accordance with FDOT Index No. 307, most current edition, using the flowable fill option. Thickness of limerock base may be replaced with Type "S" asphaltic concrete at the rate of 2.5" of asphalt for 6" of limerock base.

(EXCEPTION TO 1.0) FOR THE REPAIR OF LOCAL ROADWAY CUTS (SUBDIVISIONS)

The following described specifications shall be considered as minimum specifications for the repair of any cut or repair necessitated by damage to roadway pavement. Consideration should be given to local conditions and the type and depth of cut, or damage to the roadway surface. The advice and recommendation of the Alachua County Department of Public Works should be sought on any condition not strictly covered by these specifications. Directions on repairing those situations not covered by these specifications should be obtained from the department in writing. It is suggested that the field supervisor assigned to oversee the completion of the repair of the cut discuss the procedure with the Alachua County Department of Public Works Inspection Office prior to beginning work. It is, however, the contractor's responsibility to see that these specifications are met. Subsequent determination that the repair was not done according to these minimum specifications will result in the necessity of the repair being done again to meet the specifications at the permittee's expense.

- 1.1 Method of subgrade fill will be in accordance with Section 125-8.3 of the Florida D.O.T. Specifications, most current revision.
- 1.2 Compaction density will be 98% of AASHTO T-180 for all subgrade materials.
- 1.3 The upper 12 inches of fill will be two (2) 6-inch lifts of limerock base, compacted to 98% of AASHTO T-180. Limerock replacement shall be the width of the trench plus three feet, and 6 inches outside the existing edge of pavement (if applicable).
- 1.4 All density testing will be performed at the expense of the permittee.
- 1.5 Density tests will be required at one foot over the pipe and every other 1' lift thereafter in the subgrade. One density test will be required on each lift of the limerock base.
- 1.6 The pavement section will be replaced with asphaltic concrete from a D.O.T. approved supplier equal to thickness and type of asphalt on the existing roadway. Friction course shall be required as necessary to be consistent with existing surface.

- 1.7 Dimension of pavement replacement will be the width of the ditch plus four (4) feet.
- 1.8 The street or road will remain open for traffic during construction.
- 1.9 The County Engineering Inspection Department will be notified by calling 352-374-5245 ext. 244, prior to start of excavation.
- 1.10 Traffic control will be according to pertinent sections of the current edition of the FDOT Roadway and Traffic Design Standards.
- 1.11 Pavement will be replaced within 24 hours of limerock completion.

### LOCATION CRITERIA

- 1.) All underground installations shall be placed parallel to the roadway, or right-of-way, as far back from the edge of the roadway as possible. Congestion due to existing facilities will not be grounds for approval of any installation detrimental to the roadway integrity.
- 2.) No underground utilities, installed parallel to the roadway, shall be installed in the shoulder area of a rural roadway or within 4' of the back of curb on a curb and gutter roadway.
- 3.) All underground utilities installed within Alachua County Right of Way will be installed to a depth meeting the minimum requirements of this manual however; never less than the minimum depth of 36" below finished grade when installed beneath the pavement and 30" below finish grade when installed outside the limits of the pavement.

### UNDERGROUND CROSSINGS

- 1.) Underground crossings of existing roads may be installed by jacking, boring, or directional bore. Directional boring will be restricted from areas known to contain flint rock of enough concentration to deflect the true plane of the installation. Crossing of existing roadways with any pressurized line will require that the utility line be placed in a casing. On new construction, all service lines of any utility will be in a casing, however water mains may be installed without a casing when the main is constructed of ductile iron pipe (DIP).
- 2.) All crossings installed either by direct bury or by boring, will have the ends of the casing no closer than 8' from the edge of the pavement on rural roads with paved shoulders, 13' on rural roads without a paved shoulder, and no closer than 5' from the back of the curb on a curb and gutter roadway. Casing lengths may be required to be longer in order to facilitate known future widening or reconstruction. All jacked, bored, or directional bored crossings are subject to require pressure testing to a minimum of 20 psi for 24 hours, prior to the installation of the utility line, if there are any concerns about the integrity of the casing after installation.
- 3) Alachua County Construction Inspections shall be notified 24 hours prior to the start of a

roadway crossing by directional bore or by jack and bore. The assigned inspector and the utility contractor making the crossing shall meet on site prior to the excavation of any bore pits. The area shall be evaluated to prevent damage to any underground drainage structures, under drain, sidewalk, or any other structural portion of the roadway.

#### ACCESS TO UTILITY FACILITIES

1.) Any utility facility which requires frequent access, such as communication huts, lift stations, junction boxes, or any other similar facility, shall have permanent driveway access constructed. Such driveway access shall be permitted in accordance with the Alachua County Access Management Ordinance prior to construction.

**THIS DOCUMENT MAY BE REVISED AS NECESSARY IN ORDER TO PROMOTE TECHNOLOGY, ADDRESS SITE SPECIFIC CIRCUMSTANCES, OR TO IDENTIFY FURTHER DIFFERENCES WITH THE FDOT UTILITY ACCOMMODATION MANUAL AS THEY OCCUR OR ARE IDENTIFIED.**

**CURRENT DATE OF THIS REVISION NO. 3 IS SEPTEMBER 5, 2013.**