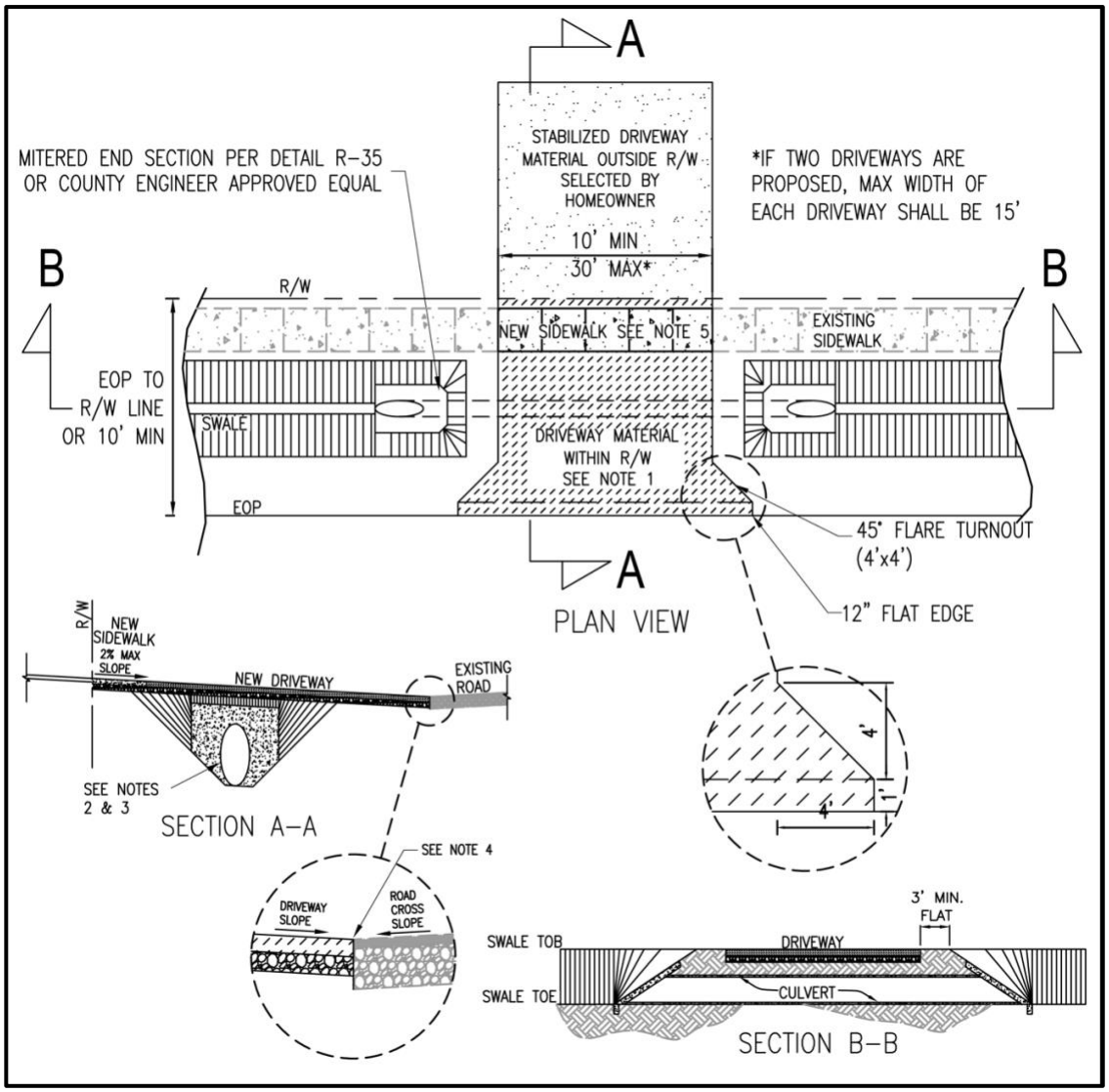
Martin County Public Works

Driveway Detail Information

Residential Driveway – Culvert (R-91A)

Notes:

1. The portion of driveway within the right-of-way shall be 6” thick 3000 PSI concrete, 1” thick asphalt concrete with a base course, or paver bricks with a base course. Base course per foot base group 4 is as shown in FDOT Flexible Pavement Design Manual, Table 5.6. Other hardened materials must be approved by the county engineer.
2. Culvert inverts shall match the drainage conveyance flow line of upstream and downstream culvert inverts.
3. Culvert size shall be equivalent or greater than upstream culvert or min. of 15” dia. Or 12”x18” elliptical.
4. The grade difference between driveway slope and road cross slope shall comply with the guidelines found in Table 4.19.10 of Section 4.845 of Division 19 – Roadway Design of the Martin County Land Development Regulations.
5. Sawcut and remove existing 4” sideway within driveway footprint. Install new 6” concrete sideway per Detail R-41.



Date: 12/03/19

Residential Driveway – Inverted (R-91B)

Notes:

1. The portion of driveway within the right-of-way shall be 6” thick 3000 PSI concrete, 1” thick asphalt concrete with a base course, or paver bricks with a base course. Base course per foot base group 4 is as shown in FDOT Flexible Pavement Design Manual, Table 5.6. Other hardened materials must be approved by the county engineer.
2. Driveway inverts shall match the drainage conveyance flow line of upstream and downstream swales. If roadside swales do not exist, driveway shall have a 0.2” invert located 7 feet from the edge of pavement. Grading a new roadside swale adjacent to property frontage may be approved by the County Engineer for the purpose of directing stormwater off the driveway.
3. Grade changes of more than 14% shall meet the required crest/sag transition length per FDOT Standard Plans Index 000-515. Designs not able to meet the requirements of FDOT Standards Plans Indes 000-515 shall require approval of the County Engineer.
4. The grade difference between driveway slope and road cross slope shall comply with the guidelines found in Table 4.19.10 of Section 4.845 of Division 19 – Roadway Design of the Martin County Land Development Regulations.
5. Sawcut and remove existing 4” sideway within driveway footprint. Install new 6” concrete sideway per Detail R-41

