APPENDIX A: DRIVEWAY DETAILS

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Sheet 101.1. Rural Residential Swale Drives

Sheet 101.2. Rural Commercial Drives

Sheet 101.3. Urban Drives

Sheet 101.4. Curb Cut & Transition w/ T-Flare for Residential Drives

Sheet 101.5. Urban Commercial & Industrial Drives

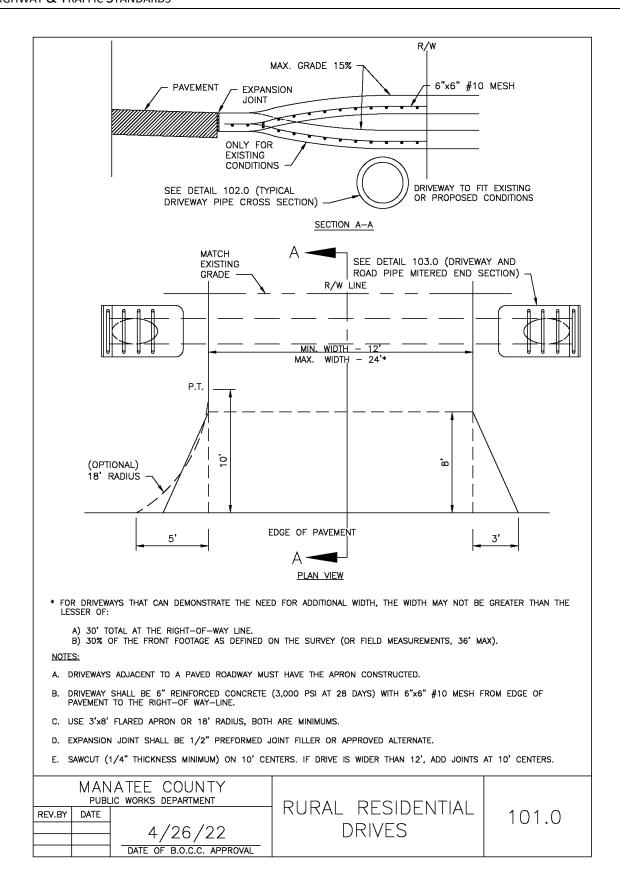
Sheet 102.0. Typical Driveway Pipe Cross Section

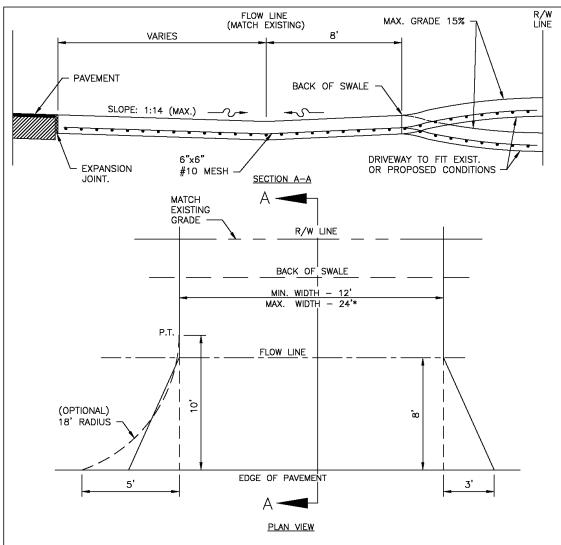
Sheet 102.1. Driveway and Road Pipe Mitered End Section

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Sheet 103.0. Filter Fabric Jacket





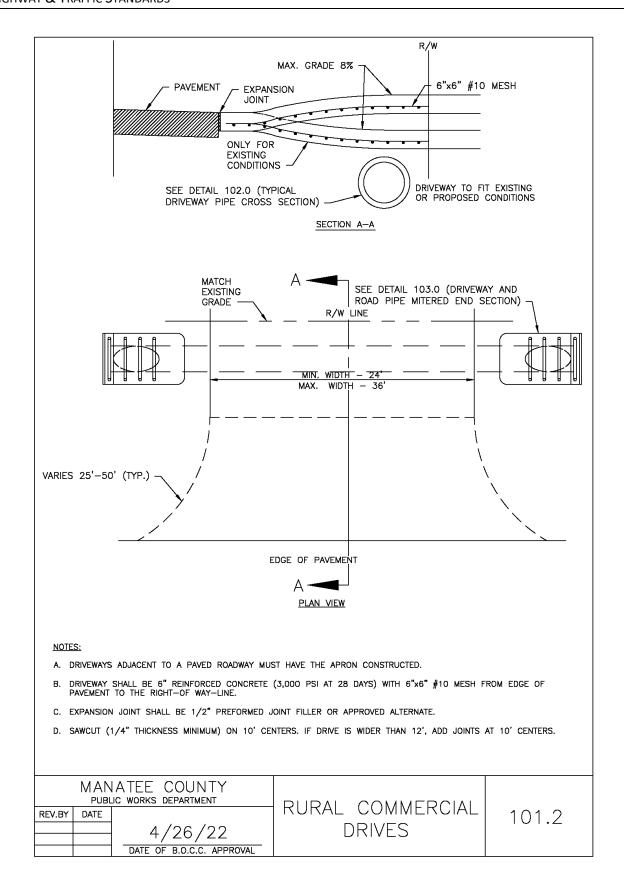
- * FOR DRIVEWAYS THAT CAN DEMONSTRATE THE NEED FOR ADDITIONAL WIDTH, THE WIDTH MAY NOT BE GREATER THAN THE LESSER OF:

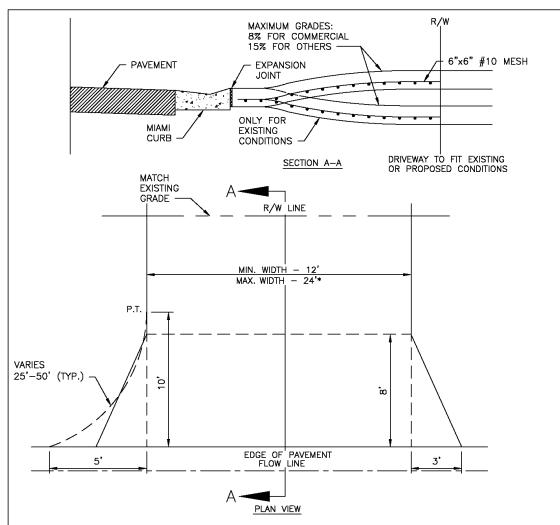
 - A) 30' TOTAL AT THE RIGHT-OF-WAY LINE. B) 30% OF THE FRONT FOOTAGE AS DEFINED ON THE SURVEY (OR FIELD MEASUREMENTS, 36' MAX).

NOTES:

- A. DRIVEWAYS ADJACENT TO A PAVED ROADWAY MUST HAVE THE APRON CONSTRUCTED.
- B. DRIVEWAY SHALL BE 6" REINFORCED CONCRETE (3,000 PSI AT 28 DAYS) WITH 6"x6" #10 MESH FROM EDGE OF PAVEMENT TO THE RIGHT-OF WAY-LINE.
- C. EXISTING DRAINAGE FLOWLINE TO BE MAINTAINED. PIPING MAY BE REQUIRED AT THE COUNTY'S DISCRETION. DEPARTMENT DIRECTOR OR DESIGNEE MAY APPROVE THE USE OF A SWALE DRIVE, IF ON—SITE CONDITIONS ARE FAVORABLE.
- D. USE 3'x8' FLARED APRON OR 18' RADIUS, BOTH ARE MINIMUMS.
- E. EXPANSION JOINT SHALL BE 1/2" PREFORMED JOINT FILLER OR APPROVED ALTERNATE.
- F. SAWCUT (1/4" THICKNESS MINIMUM) ON 10' CENTERS. IF DRIVE IS WIDER THAN 12', ADD JOINTS AT 10' CENTERS.

		IATEE COUNTY IC WORKS DEPARTMENT	DUDAL DECIDENTIAL	
REV.BY	DATE		RURAL RESIDENTIAL	1011
		4/26/22	l swale drives	
		DATE OF B.O.C.C. APPROVAL		





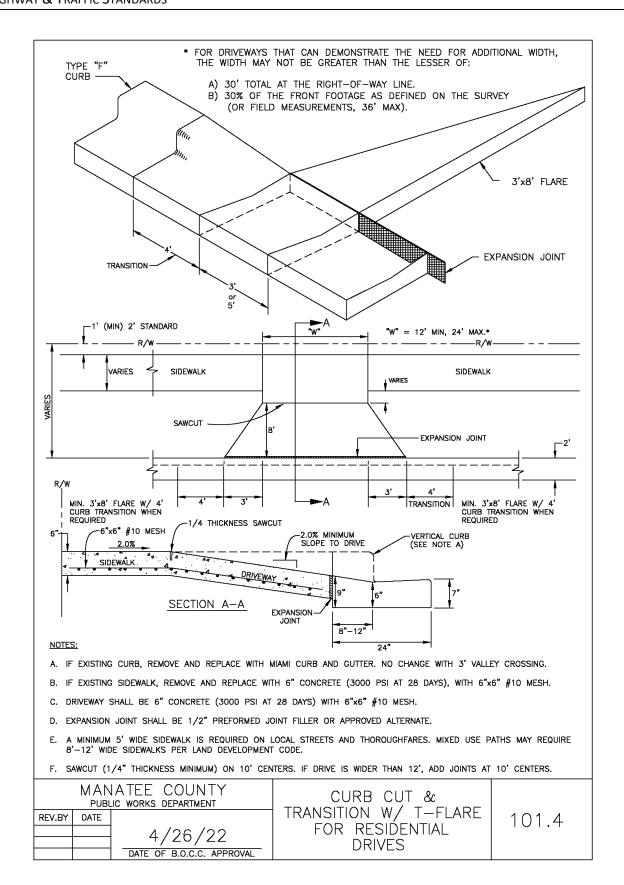
- * FOR DRIVEWAYS THAT CAN DEMONSTRATE THE NEED FOR ADDITIONAL WIDTH, THE WIDTH MAY NOT BE GREATER THAN THE LESSER OF:

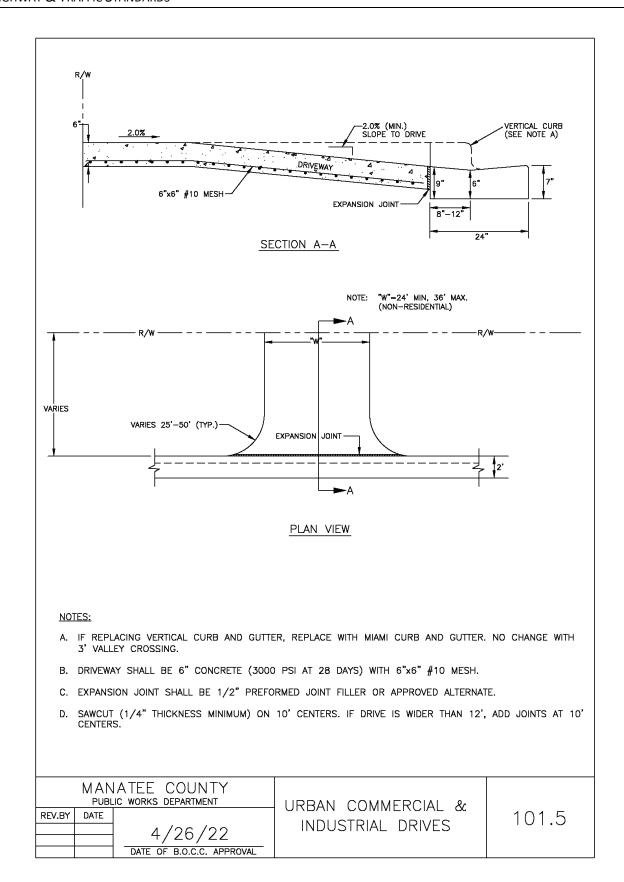
 - A) 30' TOTAL AT THE RIGHT-OF-WAY LINE. B) 30% OF THE FRONT FOOTAGE AS DEFINED ON THE SURVEY (OR FIELD MEASUREMENTS, 36' MAX).

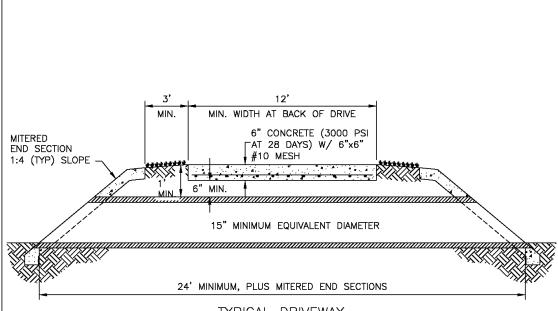
NOTES:

- A. DRIVEWAYS ADJACENT TO A PAVED ROADWAY MUST HAVE THE APRON CONSTRUCTED.
- DRIVEWAY SHALL BE 6" REINFORCED CONCRETE (3000 PSI AT 28 DAYS) WITH 6"x6" #10 WIRE MESH FROM BACK OF CURB TO RIGHT-OF-WAY LINE.
- C. MAINTAIN EXISTING DRAINAGE FLOWLINE.
- D. USE 3'x8' FLARE OR 18' RADIUS WITH CURB TRANSITION (TRANSITION FROM TYPE F CURB TO MIAMI CURB). SEE DETAIL 101.4. NO CHANGE WITH 3' VALLEY CROSSINGS.
- E. EXPANSION JOINT SHALL BE 1/2" PREFORMED JOINT FILLER OR APPROVED ALTERNATE.
- F. SAWCUT (1/4" THICKNESS MINIMUM) ON 10' CENTERS. IF DRIVE IS WIDER THAN 12', ADD JOINTS AT 10' CENTERS.
- G. LATERAL ALIGNMENT 45 DEGREES FOR DOUBLE DRIVE PER LOT, 90 DEGREES FOR SINGLE DRIVE, OFF CENTER LINE.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT					
REV.BY	DATE] URBAN	DRIVES	101.3
		4/26/22			
		DATE OF B.O.C.C. APPROVAL			







TYPICAL DRIVEWAY

VARIABLES:

- · CORRUGATED METAL PIPE WILL NOT BE ALLOWED WITHIN THE RIGHT-OF-WAY.
- REINFORCED CONCRETE PIPE (RCP) WILL REQUIRE A MINIMUM 6" OF COVER BENEATH BOTTOM OF DRIVEWAY, FOR A TOTAL OF 1' OF COVER.
- HIGH DENSITY POLYETHYLENE (HDPE) AND HIGH PERFORMANCE POLYPROPYLENE (HP) PIPE ARE ACCEPTABLE IN LIEU OF RCP. COVER SHALL MEET FDOT REQUIREMENTS.

NOTES:

- A. GRADES AND LOCATIONS MUST BE REVIEWED AND APPROVED BY THE DRIVEWAY INSPECTOR FOR ALL PIPE INSTALLATIONS.
- B. ACTUAL REQUIRED PIPE DIAMETER WILL BE BASED ON THE FLOW RATE REQUIRED TO PASS THROUGH PIPE SO AS NOT TO IMPOUND WATER UPSTREAM.
- C. PIPE SIZE TO BE DETERMINED AND APPROVED BY MANATEE COUNTY.

		IATEE COUNTY IC WORKS DEPARTMENT	TYPICAL DRIVEWAY					
REV.BY	DATE		111 10/12 31111211/11	102.0				
		4/26/22	PIPE CROSS SECTION					
		DATE OF B.O.C.C. APPROVAL						

