

GOVERNING SPECIFICATIONS for Development Design and Construction

*Unless otherwise noted all references are to the latest editions of the:
FDOT Standard Specification for Road and Bridge Construction (FDOT Section)
FDOT Design Standard Index (FDOT Index)
FDOT Manual of Uniform Minimum Standards for Streets and Highways
Manual on Uniform Traffic Control Devices (MUTCD)*

1. Asphalt: FDOT Section 320, 330 and 334
2. Base: FDOT Section 200 ~ 290
3. Subgrade: FDOT Section 160
4. Grassing: FDOT Section 570
5. Sodding: FDOT Section 575
6. Stripes & Markings: FDOT Section 710 & 711
7. Retroflective Pavement Markers – FDOT Section 706 and 970
8. Signage: See FDOT Index 11860, 11862, 11865, 17302, 17357, and 17359
9. Guardrail Components - See FDOT Index 400 and FDOT Section 536
10. Maintenance of Traffic - See FDOT Index 600 series and MUTCD

GENERAL NOTES:

1. All construction shall be completed by a contractor licensed with the State of Florida. All paving shall be completed by a contractor prequalified with the Florida Department of Transportation.
2. All roadway surveying, layout and benchmarks shall be performed under the direct supervision of a surveyor licensed in the State of Florida and shall conform to the requirements of 61G17-6, FAC and Section 5-7, FDOT Specifications.
3. All roadway and drainage construction and materials shall be per FDOT standards and specifications. Materials shall meet FDOT specifications and shall be produced or obtained from an FDOT approved source.
4. The minimum criteria for design shall meet or exceed the more stringent requirement required by the Taylor County Land Development Regulations or the *FDOT Manual of Uniform Minimum Standards for Streets and Highways*.
5. Roadway construction plans shall include the following minimum requirements:
 - a. Notes and Construction Specifications
 - b. Typical Sections
 - c. Stationed and dimensioned Horizontal Alignment
 - d. Finish Grade Centerline, Right and Left Ditch profiles w/ all points of inflection and curvature labeled with station and design information
 - e. Cross sections:
 - i. Existing and Finish Grade surfaces
 - ii. Existing and Finish Grade Centerline elevations

- iii. Asphalt, Base and Subgrade limits and thicknesses
 - f. Offset and Station for all stormwater facilities, utilities, signage, and pavement markings
 - g. Invert, slope, diameter and dimensions for all stormwater facilities and outfall structures
 - h. Location and description of erosion and sedimentation control measures
 - i. Location and results on on-site geotechnical investigation
 - j. Project Limit of disturbance
6. Any public land corner within the limits of construction is to be protected. If a corner monument is in danger of being destroyed and has not been properly referenced, the Contractor shall notify the County Engineering Division without delay. Any survey monuments removed by the Contractor without reference being established, shall be replaced by the Contractor at his expense.
 7. Any existing benchmarks are to be reestablished by the Contractor's licensed surveyor, if disturbed.
 8. The horizontal location and vertical elevation of all existing utilities within the limits of construction shall be field verified prior to commencing work and the Contractor shall coordinate with the utility company to relocate utilities as required.
 9. Care shall be exercised to avoid damage to all existing utilities. The repair and/or replacement of all existing utilities damaged or destroyed during the construction shall be the Contractor's responsibility.
 10. Care shall be exercised to avoid damage to all trees protected by Taylor Code of Ordinances Section 42-746. Tree protection zones shall be enclosed by fencing or similar barrier.
 11. All unsuitable material encountered shall be undercut beneath the proposed limerock base course to a depth of 24" (in) below the bottom of the base and shall be backfilled with clean suitable fill.
 12. All backfill and borrow material (or embankment) shall meet the requirements of FDOT Index 500 and 505 and shall be furnished by the Contractor from areas provided by the Contractor and approved by the County Engineering Division.
 13. Construction materials shall be stockpiled in safe areas acceptable to the County Engineering Division. No materials are to be wind-rowed on the pavement or shoulders.
 14. Only the excavation for base placement and pipe trenches that can be backfilled by the end of the work day will be excavated. No open pipe trench or roadway excavation will be allowed to remain after work ends for the day.

15. All undamaged existing signs shall be relocated in accordance with FDOT Index 17302. Relocation shall be considered a part of maintenance of traffic. Contractor shall install new signs to replace damaged or missing signs. All damaged/discarded signs and posts shall be salvaged to the County and delivered to the Public Works Division facility on US 27.
16. All existing mailboxes shall be relocated in accordance with the procedures outlined in FDOT Index No. 532. Relocation shall be considered a part of maintenance of traffic.
17. Driveway turnouts shall be constructed at all new and existing driveways per FDOT Index No. 515 and 516. All concrete aprons at the edge of the existing driving lane shall be removed prior to constructing the widened roadway or paved shoulder. Two foot feathering will be required at existing paved drives or roadways. Unpaved county roads are to be paved to the R/W line.
18. All materials not salvaged to the County or incorporated into the project shall be removed and lawfully disposed of off-site. Excess fill material shall be utilized to the fullest extent possible. Remaining fill shall be salvaged to the County at an approved location for stockpiling. Undamaged guardrail shall be salvaged to the County and delivered to the Public Works Division facility on US 27.
19. Type S or SP asphaltic concrete is to be placed with a mechanical spreader using electronic transverse & longitudinal screed controls.
20. Pavement thickness transitions along the mainline roadway are to be constructed on a 1:600 ratio.
21. Contractor's licensed Surveyor shall place all required PCP points in finished asphalt roadway after completion of construction.
22. All disturbed areas shall be stabilized by seeding, fertilizing, and mulching. Sodding is required on any slopes steeper than 3:1 per FDOT Index 500. (See typical roadway modification section for sod locations)