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| OPERATION | MATERIAL SPECIFICATION | TESTS | PROJECT REQUIREMENTS | TESTING FREQUENCY |
| Prime and Tack Coats | FDOT Standard Specifications (Latest Edition) |  | Certification | Every Transport |
| Type Superpave Asphaltic Concrete | FDOT Standard Specifications (Latest Edition) | Job Mix Formula | Certification | Each mix design or change of aggregates |
| RICE (Gmm) | Section 334 | One per sublot |
| Extraction GradationAnalysis | Section 334 | One per sublot |
| Field Density (Gmb) | Section 334 | 5 six-inch cores per sublot (Random Locations) |
| Asphalt Binder | Section 334 | 1 sample for the first 1000 tons and 1 per 4000 tons after |
| Thickness | Section 330 | Daily |
| Pavement Smoothness | FDOT Standard Specifications (Latest Edition) | Rolling Straight Edge | Section 330 (FM 5- 509) Max 3/16 inch | Final SP structural layer and friction course layer |
| Concrete | FDOT Standard Specifications (Latest Edition) | Compression Strength | FDOT Section 346and 347 | Section 347 acceptance based on Certification; Section 346 One (1) set of cylinders for 10 CY or more per day.Additional set(s) for each 50CY/day. One(1) set for each class of concrete placed each day. |
| Each class of concrete used | Certification | Each mix design or change |
| Embankment | FDOT Standard Specifications (Latest Edition) | Standard Proctor AASHTO T-99 | Section 120 | Per material type |
| Field Density | Section 120 -100% AASHTO T-99180 | Section 120-One test per 500 LF per 12” lift of embankmentSection 125-One test per 300 LF of pipe trench (or between structures) per 6’ lift until 1 ft above pipe; 12” lift of backfill 1 ft above pipeSection 125 (modified) One test per 12” lift of structure backfill alternating sides |
| Compacted Subgrade | FDOT Standard Specifications (Latest Edition) | Standard Proctor AASHTO T-99 | Section 120 | One per material type |
| Field Density | 100% AASHTO T-99 | Section 120 (modified)-One per 300 LF of sidewalkOne per driveway |
| Stabilized Subgrade | FDOT Standard Specifications (Latest Edition) | Limerock Bearing Ratio FM 5-515 | Section 160 | One per 1,000 LF per lane (One per 2 lots)One per 2,000 LF per shoulder (One per 4 lots) |
| Field Density/Thickness | Section 160-98% AASHTO T-180 | Density-One per 500 LF per lane (1 per lot) Thickness – 3 per lotDensity/thickness (modified)-One per 500 LF per shoulder |
| Limerock Base Course | FDOT Standard Specifications (Latest Edition) | Modified Proctor AASHTO T-180 | Section 200 | One per 4 8 lots |
| Field Density/Thickness | Section 200-98% AASHTO T-180 | Density-One per 300 LF per lane Thickness- 3 per lotDensity/Thickness-One per 500 LF / shoulder |
| Sodding | FDOT Standard Specifications (Latest Edition) Section 575Sodding & Section 981 | Each type of sod used | Certification | All seed, sod, and mulch shall be free of noxious weeds and exotic pest plants, plant parts, or seed listed in the current Category I “List of Invasive Species” from the Florida Exotic Pest Plant Council |