

# **Policy History**

Locations Requiring OGFC			
Year	Facility Type	Design Speed	
Pre-1995 to 2002	Multi Lane Flush Shoulder (Arterials & Limited Access Facilities)	≥ 55	
2002 to Aug 2024	Multi Lane Flush Shoulder (Arterials & Limited Access Facilities)	≥ 50	
Aug 2024 to Dec 2024	Limited Access Facilities	All	
Dec 2024 to Current	Multi Lane Flush Shoulder (Arterials & Limited Access Facilities)	≥ 55 & All LA Facilities, regardless of Design Speed	

### **Current (2025) Policy**

- In the FDOT Flexible Pavement Design Manual (see Chapter 4)
- Place OGFC (FC-5) on the following:
  - All LA Facilities
  - Multilane flush shoulder roads with design speed of 55 mph and greater
- Place DGFC on all other facilities

## TABLE 4.1 FRICTION COURSE POLICY

Design Speed (mph)	Two Lane	Multilane		
Limited Access Mainline Roadways				
All	FC-5	FC-5		
Arterial and Collector Flush Shoulder Roadways				
≤ 50	FC-12.5 or FC-9.5	FC-12.5 or FC-9.5		
≥ 55		FC-5		
Arterial and Collector Curbed Roadways				
All	FC-12.5 or FC-9.5	FC-12.5 or FC-9.5		

#### NOTES:

- Include a friction course on all roads and ramps with a design speed ≥ 35 mph, except for two lane roads having a five-year projected AADT (from the opening year) of 3000 vehicles per day or less.
- FC-5 should be considered for multilane curbed roadways with design speeds ≥ 55 mph when there is a history of wet weather crashes.
- Coordinate with the District Pavement Design Engineer to determine the appropriate friction course to use on limited access ramps. See Section 4.2 for additional information.



### **Upcoming (2026) Policy**

- Introducing FC-7 as another OGFC option for qualifying arterials
- Place OGFC (FC-5) on the following:
  - All LA Facilities
- Place OGFC (FC-5 or FC-7) on the following:
  - Multilane flush shoulder roads with design speed of 55 mph and greater
- Place DGFC on all other facilities

## TABLE 4.1 FRICTION COURSE POLICY

Design Speed (mph)	Two Lane	Multilane		
Limited Access Mainline Roadways				
All	FC-5	FC-5		
Arterial and Collector Flush Shoulder Roadways				
≤ 50	FC-12.5 or FC-9.5	FC-12.5 or FC-9.5		
≥ 55		FC-5 or FC-7		
Arterial and Collector Curbed Roadways				
All	FC-12.5 or FC-9.5	FC-12.5 or FC-9.5		

#### NOTES:

- Include a friction course on all roads and ramps with a design speed ≥ 35 mph, except for two lane roads having a five-year projected AADT (from the opening year) of 3,000 vehicles per day or less.
- 2. An OGFC should be considered for multilane curbed roadways with design speeds ≥ 55 mph when there is a history of wet weather crashes.
- 3. Coordinate with the District Pavement Design Engineer to determine the appropriate friction course to use on limited access ramps. See Section 4.3 for additional information.



### **Adding Guidance for Decision-Making**

- Describes material differences between FC-5 and FC-7
- FC-5 remains ideal for higher speed roads with limited stopping or turning movements
- FC-7 is an ideal friction course for arterials with multiple and/or closely spaced intersections
- Which OGFC on qualifying arterials will be District-level decision



FC-5 (Section 11)



FC-7 (Section 12)



#### **Questions**

- What if I have an FC-5 that recently let and I want to use FC-7 instead?
  - It depends this can probably be accommodated. Contact your District Construction Office, State Materials Office, and CO Pavement Design Section.
- What if I am unsure of whether to use FC-5 or FC-7 for my design project?
  - Contact the State Materials Office and CO Pavement Design Section.
- Where can I learn more details about the material differences between FC-5 and FC-7?
  - Contact the State Materials Office (specifically, Jim Musselman and Greg Sholar)



## **Questions?**



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