

## 9.0 Roadway Typical Sections

Every project that proposes improvements or modifications to a roadway or pedestrian facility under the jurisdiction of the City of Boca Raton shall be coordinated with the City Civil Engineer prior to permit submittal. This allows the City staff to be informed of the project, to identify and coordinate adjacent projects with both city officials and residents.

Prior to engineering permit submittal, the Engineer of Record shall prepare the proposed roadway typical section(s) in a 8-1/2" x 11" typical section approval package and submit three (3) copies of the package to the City Engineer (or designee) for review and comment. The Engineer may request this preliminary review in the form of a "hands on" meeting with the City Civil Engineer, if desired.

The roadway typical sections package shall clearly identify the proposed pertinent horizontal controls of the project at including but limited to:

1. Limits of Work
2. Number and width of roadway travel lanes
3. Pavement cross slopes
4. Design Speed
5. Roadside sideslopes and roadside treatment
6. Location/type of curb and/or curb and gutters
7. Location/type and width of bike facilities
8. Location/type and width of sidewalks
9. Proposed pavement design
10. Right-of-way width
11. Grass location and type.
12. Location/design parameters of drainage swales
13. Median type and width

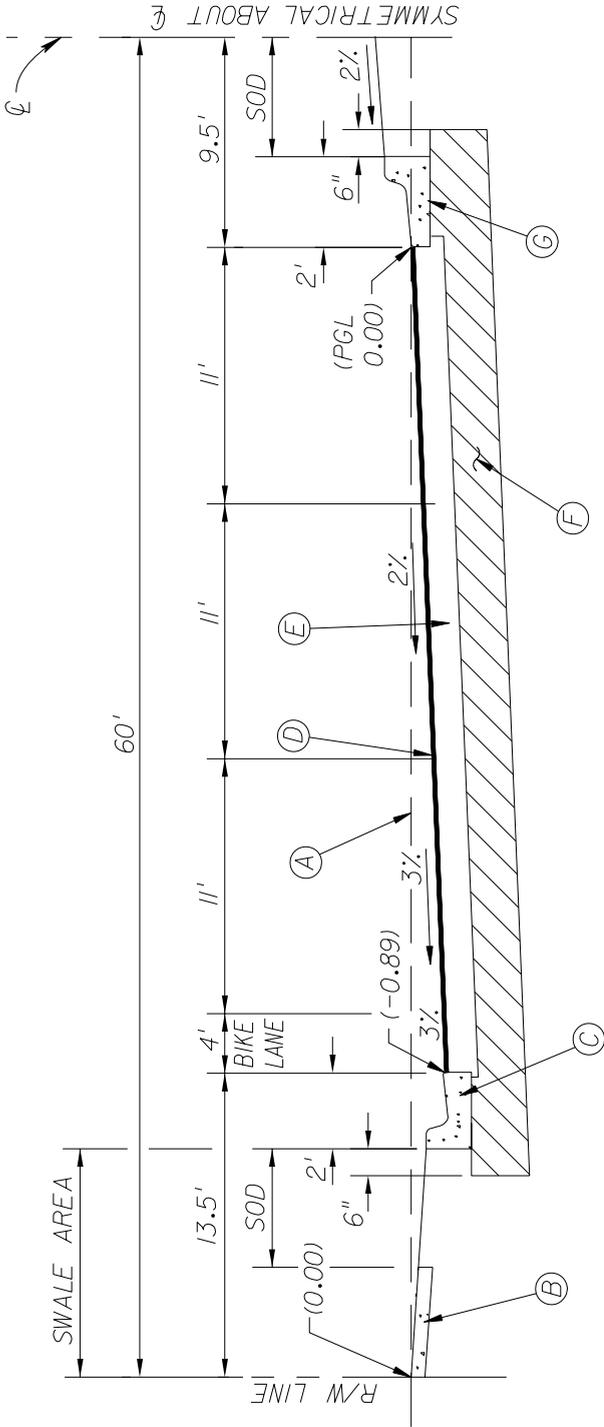
Multiple sections may be required to address various changes in the horizontal controls.

The Engineer of Record shall ensure that the proposed typical section elements are consistent with standards shown in the Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways, State of Florida.

Typical sections for roadways under the jurisdiction of FDOT or Palm Beach County may be submitted to the City for informational purposes; however, final approval of the typical section is subject to approval of the appropriate jurisdictional agency.

The selected design speed for the facility shall be consistent with other similar highway corridors operating in the same capacity as the project corridor. The design speed should be selected upon predicted driver behavior and based upon the probable maximum operating speed by vehicles on the street or highway. Since this may lead to interpretation of data, the Engineer of Record should consult with the City Civil Engineer on the proper design speed to be used. In no case, shall the design speed used for design be less than the posted speed limit.

The exhibit shown constitutes the level of detail expected for typical section packages and does not represent acceptable criteria for all similar facilities.



- (A) LEVEL LINE
- (B) CONCRETE SIDEWALK
- (C) TYPE F CURB AND GUTTER (Low Side)
- (D) TYPE S-III, ASPHALTIC SURFACE COURSE 1 1/2" THICK
- (E) COMPACTED LIMEROCK BASE 8" THICK, PRIMED FULL WIDTH
- (F) SUBGRADE STABILIZED TO 75 P.S.I. 12" THICK
- (G) TYPE F CURB AND GUTTER



**City Of Boca Raton**  
 Municipal Services Department  
 201 West Palmetto Park Road  
 Boca Raton, Florida 33432

REVISIONS	
ORIG.	12-2007
REV.	
REV.	

**120' RW, 6 LANE DIVIDED  
 WITH CURB & GUTTER**