DRIVEWAY SECTIONS ON CURBED FACILITIES WITH SIDEWALKS

- Sidewalks are labeled with different designs:
  - G 8 to G 28: Sidewalks with typical slopes and measurements.
  - G 29 to G 30: Sidewalks with similar slopes and measurements.

- Various applications are indicated:
  - General applications shown in the top right corner.
  - Marginal applications on the low side of fully super-elevated roads.
  - Adverse applications referenced on Sheet 4.

- Design notes for urban flared turnouts on Sheet 2 are highlighted.

- Depth limits and accessibility considerations are emphasized.

- State of Florida Department of Transportation

- TURNOUTS

- Design by: [Name]
- Approved by: [Name]
Definitions

- **G:** Grade (%)
  - **A:** Algebraic Difference in Grades (%) (\(\Delta g\))
  - **L:** Transition (See Tabulated Lengths)
  - A >= 14%: Transition Not Required
  - A > 14%: Straight or Rounded Transition Required

**RURAL TURNOUT PROFILES**

**URBAN TURNOUT PROFILES**

- When replacing or reconstructing existing commercial turnout connections on new construction and reconstruction projects, the maximum 14% commercial grade may be exceeded provided this does not create any adverse roadway operational or safety impacts. This shall be approved by the District Design Engineer and be supported by documented site-specific findings.

**RECOMMENDED TURNOUT PROFILE TRANSITION LENGTHS (L) (FT)**

1. Turnouts shall neither cause water to flow on or across the roadway pavement, nor cause water ponding or erosion within the State right of way. On all rural turnouts the transition (L) nearest the roadway shall be aligned or contained to direct stormwater runoff to the road shoulder. Where further control devices shall be constructed when runoff volumes are sufficient to cause erosion of the shoulder. Similar runoff control devices shall be constructed as necessary to properly direct and control the stormwater runoff on urban turnouts.

2. The Option 1 profile is intended for locations where roadway, turnout taper and auxiliary lane stormwater runoff volumes are relatively small. The Option 2 profile is intended for locations where runoff volumes are relatively small and/or where there is no roadside ditch.

**STORMWATER RUNOFF AND PROFILE OPTION NOTES**

1. A straight or rounded transition, see Table for lengths, will be used for all turnout profiles.

2. The recommended lengths are based on the assumed minimum length for a turnout and the specific profile used. The lengths are rounded to the nearest foot.

**ROADWAY PAVEMENT SLOPES AND SLOPES OF ABUTTING RURAL TURNOUT SURFACES (G_o)**

**SUPERELEVATION SECTIONS**