** Notes: 
1. Immediately after finishing, concrete shall be cured in an approved manner. 
2. No concrete shall be placed until temperature is 35 degrees and rising, or in a manner approved by the City. 
3. Concrete shall be protected from freezing. 
4. Expansion joint (EJ) material shall be reflex rubber or approved equivalent. 
5. Locate expansion joint (EJ) at edge of walk when curb, gutter, and approach are poured at the same time without sidewalk. 
6. Locate expansion joint (EJ) at back of curb when approach is poured separate from curb & gutter. 
7. No expansion joint (EJ) is to be used when gutter, approach, and sidewalk are poured at the same time. 
8. Underdrain shall be maintained or replaced if damaged. 
9. No dowels required on drives.

** Minimum 20' R.

** 5' Min. PAR

** TANGENT 1.56% 8% Max.

** Sidewalk

** Control Joint 5' Min. & 10' Max. Curb Sections

** Drive shall be extended to end of radius, minimum (may be extended beyond R/W)

** Transition or ADA ramp per STD DWG STR-16

** Landing 36"

** 1/2" Expansion Joint

** Face of Curb

** Underdrain, if applicable

** See SCD 2171

** See Columbus SCD 2171

** Curbed Roadway with Radius

** 8" Concrete Sidewalk for 1 Full Panel (Min. 5 Ft.) Beyond Edge of Drive.

** Maintain 4" Pipe Underdrain. Curb or Combined Curb and Gutter shall be taken out and replaced with concrete, separated from the drive by 1/2" expansion joint. When less than 5 ft. of a curb section remains after the curb cut is located, it shall also be removed and replaced. Curb/Gutter shall be constructed in minimum 5 ft. sections and maximum 10 ft. sections.

PAR = Pedestrian Access Route. Set PAR through approach at sidewalk grade to avoid ramp or transition. If not possible, then minimize transition from sidewalk to approach.
SIDEWALK PER STR-01
SECTION A-A WITH CURB AND GUTTER
VARIABLE SLOPE 8% MAX.
5'-0" MIN. PAR ACROSS DRIVE 1.56%
MAINTAIN 6" CURB HEIGHT OR TAPER CURB HEIGHT TO 0" FROM STREET TO PAR 8% MAX.
1/2" EXPANSION JOINT

#57 AGGREGATE BASE (T=2")
ITEM 609 - CURB & GUTTER (DROP)
CONC. APPROACH MAY BE Poured INTEGRAL WITH CURB WITH PRIOR CITY APPROVAL
18" STRAIGHT CURB STR-06

SECTION A-A WITH STRAIGHT CURB
RW LINE OR TANGENT POINT OF RADIUS
1'-0"
VARIABLE SLOPE 8% MAX.
7'-0" MIN.
5'-0" MIN. PAR ACROSS DRIVE 1.56%
3'-0" MIN. 8% MAX.
1/2" EXPANSION JOINT

#57 AGGREGATE BASE (T=2")
ITEM 609 - CURB & GUTTER (DROP)
CURB & GUTTER STR-05

SECTION A-A WITH CURB AND GUTTER
5'-0" MIN.
8" ITEM 608
LANDING
PAR 608
LANDING
SIDewALK PER STR-01
RAMP OR TRANSITION

PAR = PEDESTRIAN ACCESS ROUTE. SET PAR THROUGH APPROACH AT SIDEWALK GRADE TO AVOID RAMP OR TRANSITION. IF NOT POSSIBLE, THEN MINIMIZE TRANSITION FROM SIDEWALK TO APPROACH.