



IMPROVEMENT TYPE	CONCRETE CLASS (SEE NOTES BELOW)	MAXIMUM SLUMP (INCHES)
CONCRETE PAVEMENT	520-A-2500	3"
CURB, INTEGRAL CURB AND PAVEMENT, GUTTER, SIDEWALK, CURB RAMPS	520-C-2500 or 520-C-2500P	4"
EXTRUDED CURB, CURB & GUTTER	520-C-2500	2"
DRIVEWAYS, DRIVEWAY APRONS, CROSS GUTTERS & SPANDRELS	560-C-3250 or 565-C-3250P	5" or 4" RESPECTIVELY
PIPE COLLARS, MANHOLES, CATCH BASINS, SIDEWALKS CULVERTS	560-C-3250 or 565-C-3250P	5" or 4" RESPECTIVELY
TRENCH BACKFILL SLURRY (2 SACK SLURRY)	100-E-100	5"
TRAFFIC SIGNAL FOUNDATIONS, SURVEY MONUMENTS	565-A-3500	4"
FENCE AND GUARDRAIL POST FOUNDATIONS	500-C-2500	5"
CONCRETE NOT OTHERWISE SPECIFIED	560-C-3250 or 565-C-3250P	5" or 4" RESPECTIVELY

NOTES:

1. USE B AGGREGATE GRADATION WHEN PLACING CONDITIONS PERMIT. FLY ASH USE IS NOT ALLOWABLE, EXCEPTING USE OF CLASS F FLY ASH FOR SPECIAL EXPOSURE CONCRETE FOR CORROSIVE SOIL CONDITIONS PER TABLE 201-1.2.5 OF THE 2006 GREENBOOK.
2. CORROSIVE SOIL IN CONTACT WITH CONCRETE (HIGH SULFATES, HIGH CHLORIDES AND/OR LOW RESISTIVITY) SHALL UTILIZE CONCRETE MIX SPECIFICATION. APPROVED CORROSIVE SOIL ISOLATION METHODS SHALL INCLUDE CONCRETE INSTALLATION ON CRUSHED AGGREGATE BASE (CAB) OR CLASS II BASE.
3. USE CLASS II BASE OR CRUSHED AGGREGATE BASE (CAB) PER STANDARD PLAN OR STREET SECTION. NO CRUSHED MISCELLANEOUS BASE UNLESS SPECIFIED BY PLAN AND CITY ENGINEER. SIDEWALK, CURB AND GUTTER PLACEMENT ON 6 INCH MINIMUM, 90% COMPACTED NATIVE PER ASTM D1557 OR PER SPECIFIC SOILS ENGINEER RECOMMENDATION AS APPLICABLE.
4. PREMOLDED 1/2" THICK EXPANSION FELT PER CITY STANDARD 208 SHALL BE INSTALLED AT INTERVALS NO GREATER THAN 30 FT, FOR ALL TYPES OF CONCRETE FLAT WORK AND CURB/GUTTER, INCLUDING AT THE B.C. AND E.C. OF CURB RETURNS, AT 1/4 DELTA INTERVALS AT ALL RETURNS, AS WELL AS AT THE ENDS OF DRIVEWAYS AND AT ADJOINING STRUCTURES. EXPANSION FELT TO INCLUDE WOOD CAP FOR ALL FLATWORK AND NOT REQUIRED AT CURB AND GUTTERS. JOINTS IN SIDEWALKS TO BE IN ALIGNMENT WITH THOSE IN THE CURB & GUTTER WHEN THE TWO ARE ADJACENT. DEEP SCORE, 3/16" WIDE WEAKENED PLANE JOINTS (1 1/2" INCH DEEP FOR CURB & GUTTER, 1 INCH DEEP ALL OTHERS) SHALL BE INSTALLED AT 10 FT INTERVALS PER CITY STANDARD 208. WEAKENED PLANE JOINTS SHALL BE FINISHED WITH A 1/4 INCH RADIUS EDGING TOOL. POLYETHYLENE SHEETING (1 MIL OR GREATER THICKNESS) OR EQUIVALENT BOND BREAKER SHALL BE PLACED AT ALL BACK OF CURB/FLATWORK INTERFACES, INCLUDING STAMPED CONCRETE MEDIANS.
5. ALL DRIVEWAYS AND DRIVEWAY APPROACHES SHALL BE A MINIMUM OF 6 INCHES THICK. ALL SIDEWALKS SHALL BE A MINIMUM OF 4 INCHES THICK WITH SIDEWALKS AND OTHER FLATWORK SUBJECT TO VEHICULAR TRAFFIC A MINIMUM OF 6 INCHES THICK.
6. NEW CONCRETE SPLICES OR CONNECTIONS TO EXISTING CONCRETE SHALL HAVE #4 REINFORCING STEEL DOWELS INSTALLED A MINIMUM OF 3INCHES INTO EXISTING AND NEW CONCRETE OR EQUIVALENT KEY OF A MINIMUM OF 4 INCHES.
7. COLORED CONCRETE SHALL BE CURED WITH W.R. MEADOWS VOCOMP-20 WATER BASED ACRYLIC CURING AND SEALING COMPOUND OR EQUAL.

	REVISIONS		DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		STANDARD PLAN No. 200
	No.	DATE			

CONCRETE SPECIFICATIONS