

ORDINANCE NO. _____

An ordinance amending Chapter 43, “Streets and Sidewalks,” of the Dallas City Code by amending Sections 43-46, 43-67, 43-68, 43-71, 43-78, 43-94, 43-95, and 43-135; providing new paving standards; providing new concrete standards; renaming the paving design manual; providing a penalty not to exceed \$500; providing a saving clause; providing a severability clause; and providing an effective date.

WHEREAS, the City of Dallas finds that conformity in street and paving design with regional standards is essential for the safety and welfare of all residents; Now, Therefore,

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF DALLAS:

SECTION 1. That Section 43-46, “Standards for Raw Materials Used in Construction,” of Subdivision I, “In General,” of Division 1, “Generally,” of Article III, “Construction and Repair of Sidewalks, Curbs and Driveway Approaches,” of Chapter 43, “Streets and Sidewalks,” of the Dallas City Code is amended to read as follows:

“SEC. 43-46. STANDARDS FOR RAW MATERIALS USED IN CONSTRUCTION.

Materials used in sidewalks, curbs, drives, gutters, and pavements shall be in accordance with the following standards:

CEMENT. Portland cement shall conform to the Standard Specifications for Portland Cement (Serial Designation C-150-56) of the A.S.T.M. High-Early-Strength Portland Cement shall conform to the standard specifications for High-Early-Strength Portland Cement (Serial Designation C-150-56) of the A.S.T.M.

FINE AGGREGATE. Fine aggregate shall consist of a natural sand or a combination of natural sand and not more than 50 percent of stone screenings. Sand shall be uniformly graded, composed of clean, hard, durable particles of natural materials free from adherent coatings. It shall contain no lumps, soft or flaky particles, clay, loam, foreign, organic, or other deleterious matter. Stone screenings shall consist of the clean, dustless product resulting from the crushing of stone or gravel, meeting all the requirements for coarse aggregate except for grading. Fine aggregate containing more than five per cent by weight of deleterious substances shall not be

used. Fine aggregate shall be well graded in size from coarse to fine, and shall conform to the city of Dallas Addendum to the Public Works Construction Standards – North Central Texas as Published by the North Central Texas Council of Governments, current edition. ~~[following requirements, the percentages to be determined by weight:~~

Used In	Percentage Passing Laboratory Sieves						
	3/8 in.	No. 4	No. 8	No. 16	No. 30	No. 50	No. 100
Concrete	100	75–100	60–90	45–80	30–60	6–20	0–4
Mortar			100			15–40	0–10]

All tests for fine aggregate shall be made in accordance with the current applicable methods of tests of the A.S.T.M.

COARSE AGGREGATE. Coarse aggregate shall consist of the uniformly graded, clean, hard, durable, uncoated particles of natural gravel or crushed stone or gravel, free from adhering coatings. Coarse aggregate shall not contain more than five per cent by weight of deleterious substances. Coarse aggregate shall be well graded in size from coarse to fine, and shall conform to the city of Dallas Addendum to the Public Works Construction Standards – North Central Texas as Published by the North Central Texas Council of Governments, current edition. ~~[following requirements, the percentages to be determined by weight:~~

Max. Size in Inches	Percentage Passing Square-Opening Laboratory Sieves						
	2 in.	1-1/2 in.	1 in.	3/4 in.	1/2 in.	3/8 in.	No. 4
2	95–100	60–80	30–55	15–40	8–25	5–15	0–3
1-1/2			45–85	25–70	10–40	5–18	0–5
1			95–100	50–80	25–50	10–30	0–5
3/4				95–100	35–80	15–50	0–5
1/2					75–100	30–80	0–8]

All tests for coarse aggregate shall be made in accordance with the current applicable methods of tests of the A.S.T.M.

PIT-RUN AGGREGATE. Pit-run aggregate will be permitted provided that portion passing the No. 4 sieve shall conform to these specifications for fine aggregate, and that portion retained on the No. 4 sieve shall conform to these specifications for coarse aggregate.

WATER. Water used in mixing and curing concrete and mortar shall be clean and free from oil, acid, alkali, foreign organic matter, or other deleterious substances.”

SECTION 2. That Section 43-67, “Minimum Dimensions; Finishing,” of Subdivision II, “Sidewalks,” of Division 1, “Generally,” of Article III, “Construction and Repair of Sidewalks,

Curbs and Driveway Approaches,” of Chapter 43, “Streets and Sidewalks,” of the Dallas City Code is amended to read as follows:

“SEC. 43-67. MINIMUM DIMENSIONS; FINISHING.

Sidewalks shall be a minimum width of four feet and shall be four inches thick unless wider dimensions are required in the Street Design Manual of the city of Dallas. The surface may have a monolithic finish by floating with a wooden float until a slight excess of sand appears on the surfaces or may be brushed after troweling in lieu of floating. The edges of the sidewalk, markings and expansion joints shall be tooled to a smooth finish, not less than two inches in width. Exposed edges of the sidewalk shall be rounded with an edger to a radius of one-half inch. The surface of the sidewalk shall not be left with a slick or glossy finish.”

SECTION 3. That Subsection (a) of Section 43-68, “Concrete Specifications,” of Subdivision II, “Sidewalks,” of Division 1, “Generally,” of Article III, “Construction and Repair of Sidewalks, Curbs and Driveway Approaches,” of Chapter 43, “Streets and Sidewalks,” of the Dallas City Code is amended to read as follows:

“(a) The minimum compressive strength of the concrete and requirements for the quantity of mixing water and the concrete slump must conform to the city of Dallas Addendum to the Public Works Construction Standards – North Central Texas as Published by the North Central Texas Council of Governments, current edition. ~~[Concrete for walks must have a minimum compressive strength of 2,500 pounds per square inch at 28 days. The quantity of mixing water may not exceed seven U.S. gallons per sack (94 pounds) of Portland cement. The slump of the concrete may not exceed four inches.]”~~

SECTION 4. That Section 43-71, “Description; Composition of Concrete and Mortar Used in Construction,” of Subdivision I, “Curbs and Gutters,” of Division 2, “Material Specifications and Construction Methods,” of Article III, “Construction and Repair of Sidewalks, Curbs and Driveway Approaches,” of Chapter 43, “Streets and Sidewalks,” of the Dallas City Code is amended to read as follows:

“SEC. 43-71. DESCRIPTION; COMPOSITION OF CONCRETE AND MORTAR USED IN CONSTRUCTION.

Curb, curb and gutter and separate gutter shall consist of a concrete core and a mortar surface.

The minimum compressive strength of the concrete and requirements for the quantity of mixing water and the concrete slump must conform to the city of Dallas Addendum to Public Works Construction Standards – North Central Texas as published by the North Central Texas Council of Governments, current edition. ~~[Concrete shall have a minimum compressive strength of 3,000 pounds per square inch at 28 days. The quantity of mixing water shall not exceed seven U.S. gallons per sack (94 pounds) of Portland cement. The slump of the concrete shall not exceed three inches.]~~ Mortar shall be composed of one part Portland cement, one and one-half parts fine aggregate and water.”

SECTION 5. That Section 43-78, “Specifications for Materials Used in Construction,” of Subdivision II, “Driveway Approaches,” of Division 2, “Material Specifications and Construction Methods,” of Article III, “Construction and Repair of Sidewalks, Curbs and Driveway Approaches,” of Chapter 43, “Streets and Sidewalks,” of the Dallas City Code is amended to read as follows:

“SEC. 43-78. SPECIFICATIONS FOR MATERIALS USED IN CONSTRUCTION.

Driveway approaches shall conform to the following standards:

CONCRETE. Driveway approaches shall be constructed of one-course concrete, reinforced, with a six inch [inches] minimum thickness. The minimum compressive strength of the concrete and requirements for the quantity of mixing water and the concrete slump must conform to the city of Dallas Addendum to the Public Works Construction Standards – North Central Texas as published by the North Texas Council of Governments, current edition. ~~[, which shall have a minimum compressive strength of 2,500 pounds per square inch at 28 days. The quantity of mixing water shall not exceed seven U.S. gallons per sack (94 pounds) of Portland cement. The slump of the concrete shall not exceed four inches.]~~

REINFORCING STEEL. Reinforcement shall consist of No. 3 (three-eighths inch diameter) round bars placed not more than 24 inches on centers, both directions. Where steel is lapped, the lap shall be not less than 15 inches.”

SECTION 6. That Section 43-94, “Residential Driveway Approaches,” of Subdivision II, “Driveway Approaches,” of Division 2, “Material Specifications and Construction Methods,” of Article III, “Construction and Repair of Sidewalks, Curbs and Driveway Approaches,” of Chapter 43, “Streets and Sidewalks,” of the Dallas City Code is amended to read as follows:

“SEC. 43-94. RESIDENTIAL DRIVEWAY APPROACHES.

Residential driveway approaches shall comply with the following requirements:

(a) Width. Residential driveway approaches shall not be less than 10 [~~nine~~] feet nor more than 30 feet in width measured at the property line.

(b) Radius. A residential driveway approach shall be constructed with the return curbs having a rolled face disappearing at the sidewalk and joining the street curb with a five foot minimum radius, except that on an arterial the minimum radius shall be 10 feet. [~~A driveway 18 feet in width and greater may have a five foot radius on an arterial.~~]

(c) Removal of existing sidewalk. Where the residential driveway approach is designed to cross an existing sidewalk, the sidewalk included in the driveway approach area shall be removed and reconstructed as a driveway approach.”

SECTION 7. That Section 43-95, “Commercial Driveway Approaches,” of Subdivision II, “Driveway Approaches,” of Division 2, “Material Specifications and Construction Methods,” of Article III, “Construction and Repair of Sidewalks, Curbs and Driveway Approaches,” of Chapter 43, “Streets and Sidewalks,” of the Dallas City Code is amended to read as follows:

“SEC. 43-95. COMMERCIAL DRIVEWAY APPROACHES.

Walks, drives, curbs, gutters, pavements, and appurtenances on public property and other facilities to provide access to premises used for other than residential purposes shall be constructed, provided, or repaired in accordance with the following standards and requirements:

(a) Width. The width of any commercial driveway approach shall be not less than 15 [~~12~~] feet nor more than 35 [~~40~~] feet measured along the property line, except driveway approaches for motor vehicle docks within a building shall not exceed 60 feet in width at the property line. Where more dock space is required, the driveway approaches shall be separated by a traffic island meeting the standards set out in section 43-85.

(b) Radius. Commercial driveway approaches shall be constructed with the return curbs having a roll face disappearing at the sidewalk and joining the street curb with a 10 [~~five~~] foot minimum radius.

(c) Removal of existing sidewalks. Where a commercial driveway approach is to be built, the sidewalk shall be removed and the entire area replaced as a driveway. The driveway approach shall extend to the back side of the existing or future sidewalk.”

SECTION 8. That Paragraph (22) of Section 43-135, “Definitions,” of Article VIII, “Certain Uses of Public Right-of-Way,” of Chapter 43, “Streets and Sidewalks,” of the Dallas City Code is amended to read as follows:

“(22) THOROUGHFARE means:

- (A) a public traffic arterial, as designated in the city's thoroughfare plan;
- (B) a nonresidential collector street, as defined in the Street [~~City of Dallas Paving~~] Design Manual of the city of Dallas; and
- (C) all streets within the central business district.”

SECTION 9. That a person violating a provision of this ordinance, upon conviction, is punishable by a fine not to exceed \$500.

SECTION 10. That Chapter 43 of the Dallas City Code shall remain in full force and effect, save and except as amended by this ordinance.

SECTION 11. That any act done or right vested or accrued, or any proceeding, suit, or prosecution had or commenced in any action before the amendment or repeal of any ordinance, or part thereof, shall not be affected or impaired by amendment or repeal of any ordinance, or part thereof, and shall be treated as still remaining in full force and effect for all intents and purposes as if the amended or repealed ordinance, or part thereof, had remained in force.

SECTION 12. That the terms and provisions of this ordinance are severable and are governed by Section 1-4 of Chapter 1 of the Dallas City Code, as amended.

SECTION 13. That this ordinance shall take effect immediately from and after its passage and publication in accordance with the provisions of the Charter of the City of Dallas, and it is accordingly so ordained.

APPROVED AS TO FORM:

CHRISTOPHER J. CASO, Interim City Attorney

By _____
Assistant City Attorney

Passed _____