

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF PFLUGERVILLE AMENDING SECTION 3 – SIDEWALKS, PEDESTRIAN AND BICYCLE FACILITIES OF THE 2014 ENGINEERING DESIGN MANUAL AND CONSTRUCTION STANDARDS, REPLACING ALL ENGINEERING AND CONSTRUCTION STANDARDS IN CONFLICT; CONTAINING A SAVINGS CLAUSE; CONTAINING A SEVERABILITY CLAUSE; AND PROVIDING FOR PUBLICATION AND AN EFFECTIVE DATE.

WHEREAS, the 2014 Engineering Design Manual and Construction Standards were adopted by City Council of the City of Pflugerville on February 24, 2015 by Ordinance No. 1206-15-02-24, and as amended; and

WHEREAS, the City Council recognizes the proposed amendments to Section 3 – Sidewalks, Pedestrian And Bicycle Facilities of the 2014 Engineering Design Manual and Construction Standards will allow for greater consistency, clarity, ease of use and administration of public infrastructure; and

WHEREAS, the City Council does find that there is a public necessity for the amendment and revision of the said Manual and Construction Standards; that the public interest clearly requires the adoption of Manual and Standards, that the Manual and Standards, as amended does not unreasonably invade the rights of those who bought or improved property with reference to the classification and development standards which existed at the time the investment was made; and

WHEREAS, the City Council does find that the adoption of the proposed amendments to the Engineering Design Manual and Construction Standards promotes the health, safety, and general welfare and facilitates the adequate provisions of transportation, water, sewage, and other public requirements.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PFLUGERVILLE, TEXAS:

I. Incorporation of Recitals

The foregoing recitals are hereby found to be true and correct and are hereby adopted by the City Council and made a part hereof for all purposes.

II. Adoption

The Engineering Design Manual and Construction Standards, Section 1 – Sidewalks, Pedestrian And Bicycle Facilities is hereby amended as set forth in **Exhibit “A”** attached hereto and incorporated herein by reference for all purposes.

III. Review

The City Engineer shall cause the Engineering Design Manual and Construction Standards to be reviewed from time to time, and shall recommend such revisions as are necessary to account for changing conditions, updated technical standards for the development of public infrastructure, and administration of the Engineering Design Manual and Construction Standards.

IV. Severability

If any provision of this Ordinance is illegal, invalid, or unenforceable under present or future laws, the remainder of this Ordinance will not be affected and, in lieu of each illegal, invalid, or unenforceable provision, a provision as similar in terms to the illegal, invalid, or unenforceable provision as is possible and is legal, valid, and enforceable will be added to this Ordinance.

V. Conflicts and Savings

That all ordinances or resolutions or parts of ordinances or resolutions in conflict with the provisions of this ordinance are hereby repealed to the extent of such conflict, and that the Code of Ordinances of the City of Pflugerville, Texas, as amended, shall remain in full force and effect, save and except as amended by this ordinance.

VI. Ongoing Projects

Any project for which a complete development application has been accepted and permitted by the City before the effective date of this Ordinance may proceed pursuant to the 2014 Engineering Design Manual and Construction Standards adopted as Ordinance No. 1206-15-02-24, and as amended. Any project for which a complete development application has not been accepted and permitted by the City on or after the effective date of this Ordinance shall adhere to the standards set forth in this Ordinance.

VII. Publication of Engineering Manual and Construction Standards

The publishers of the City Code of Pflugerville, Texas are authorized to publish this addition to the Engineering Design Manual and Construction Standards of Pflugerville, Texas, to include the amendments to Section 3 – Sidewalks, Pedestrian And Bicycle Facilities, and to format and number paragraphs to conform to the existing City Code.

VIII. Effective Date.

This Ordinance will take effect upon its adoption by the City Council and publication as required by law.

PASSED AND APPROVED this _____ day of _____, 2021.

CITY OF PFLUGERVILLE, TEXAS

By: _____
Victor Gonzales, Mayor

ATTEST:

Karen Thompson, City Secretary

APPROVED AS TO FORM:

Charles E. Zech, City Attorney
DENTON NAVARRO ROCHA BERNAL & ZECH, P.C.

EXHIBIT A

(Amendments are reflected as underlined and deletions are reflected as ~~strikethrough~~)

ENGINEERING DESIGN MANUAL SECTION 3 – SIDEWALKS, PEDESTRIAN AND BICYCLE FACILITIES

DG3.0 GENERAL

- A. Sidewalks shall be required along the curb line of both sides of every street. Curb ramps for wheelchair and pedestrian access shall be required at each intersection of a sidewalk and a street where a vehicle stop situation is delineated.
- B. Construction plans which include pedestrian facilities shall be submitted to the Texas Department of Licensing and Regulation (TDLR) and receive TDLR approval/certification prior to construction, if applicable. Construction of pedestrian facilities shall conform to current City of Pflugerville Construction Standards, Texas Accessibility Standard Regulations and the American with Disabilities Act Standards.
- C. Residential lots and lots that are adjacent to Local Streets and Minor Collectors shall have sidewalks at least four (4) feet in width and accommodate a five (5) feet by five (5) feet turnaround every 250-linear feet. Residential driveways are suitable locations for a turnaround provided the driveway slope meets ADA design requirements. Commercial lots and lots that are adjacent to Major and Minor Arterial Streets, Major Collectors, and Industrial Streets shall have sidewalks at least six (6) feet in width.
- D. Sidewalks shall conform to the following standards:
 - 1. Be located parallel to the curb line and not exceed 2% cross slope;
 - 2. Have a continuing, common, non-slip surface that is not interrupted by steps or abrupt changes in level; and
 - 3. Have a gradual adjustment in level when approaching an intersecting street or parking area with a common level at the point of such intersection.
 - 4. Be doveled into existing curbing, as applicable.
- E. All slopes within the right-of-way must be 3H:1V or greater.
- F. Pedestrian and bicycle facilities shall be constructed in conformance with current City Standard Details, have barriers to prevent motor vehicle access, and have pavement markings in conformance with the current edition of the Texas Manual on Uniform Traffic Control Devices for Streets and Highways.

- G. Pedestrian handrails conforming to the latest edition of the Texas Department of Transportation standards are required wherever the grade adjacent to a sidewalk or pedestrian and bicycle facility exceeds 4H:1V with a vertical drop greater than one (1) foot.
- H. A solar flashing light or appropriate pedestrian signal traffic control device, see City Standard Details SD-46 and SD-46A, shall be installed on each side of the roadway where appropriate and determined by an engineering study where a proposed hike and bike trail crosses either a major collector, arterial or industrial collector street.

DG3.1 ADA DESIGN STANDARDS AND PROCEDURES

A. Design Standards

1. City of Pflugerville Engineering Standards and Design Details

This section provides information on the latest applicable rules, design guidance, and best practices related to ADA accessibility in the City of Pflugerville. The City adheres to the design details and procedures outlined in the City Standard Specifications and Design Details. Documents outlining these can be viewed on the city's webpage.

2. Public Rights-of-Way Accessibility Guidelines

Public Rights-of-Way Accessibility Guidelines (PROWAG), developed by the Architectural and Transportation Compliance Board (Access Board), are draft guidelines that address accessibility in the public rights-of-way. Sidewalks, street crossings, and other elements of the public rights-of-way present unique challenges to accessibility for which specific guidance is considered essential. The Access Board is developing these guidelines that will address various issues, including access for visually impaired pedestrians at street crossings, wheelchair access to on-street parking, and various constraints posed by space limitations, roadway design practices, slope, and terrain. Refer to the Access Boards webpage for latest revisions.

3. Texas Department of Transportation

Building on the adoption of PROWAG as planning and design guidance for accessible pedestrian facilities, TxDOT has developed additional planning, design, and construction guidance that is available to local agencies on their website. This is not intended to be an exclusive or comprehensive list of ADA guidance, but rather an acknowledgement of guidance staff should consider and a starting point for information on providing accessible pedestrian facilities. The TxDOT Accessibility webpage, which has good information in a variety of subject areas related to ADA and accessibility. The webpage also provides the ability to sign up for ADA policy and design training classes when available and to review material from previous trainings in addition to Curb Ramp Guidelines, Driveway and Sidewalk

Details and Standard Plans which may be used on appropriate projects as approved by the City.

B. Design Procedures

1. Intersection Corners

The City of Pflugerville will attempt to construct or upgrade pedestrian curb ramps to be consistent with Access Board recommended designs parameters and TxDOT ADA design guidance and procedures to the extent feasible within all capital reconstruction projects. There may be limitations which make it technically infeasible for the City to achieve these goals at an intersection corner within the scope of any project. Those limitations will be noted and the intersection corners will be constructed to maximize accessibility to the extent feasible within the project scope. As future projects or opportunities arise, additional improvements at these locations may be incorporated. The City will strive to ensure that each intersection corner is constructed to be as accessible as possible.

2. Sidewalks/Trails

The City of Pflugerville will attempt to construct or upgrade sidewalks and trails to be consistent with Access Board recommended designs parameters, TxDOT ADA design guidance and procedures to the extent feasible within all capital improvement projects. There may be limitations which make it technically infeasible for the City to achieve these goals within all segments of sidewalks or trails within the scope of any project. Those limitations will be noted and those segments will be constructed to maximize accessibility to the extent feasible within the project scope. As future projects or opportunities arise, additional improvements at these locations may be incorporated. The City will strive to ensure that every sidewalk or trail is constructed to be as accessible as possible.