



CITY OF GAINESVILLE

Public Works Department

Engineering Design & Construction Manual Memorandum 24-02





To: Development Review Team and Community Partners
From: Gail L. Mowry, P.E., City Engineer *Gail Mowry*
Date: October 18, 2024
Re: EDCM 2022 Edition Revisions – Detectable Warnings, Directional Indicators, Driveway Aprons and Sign Lettering, Pipe Material

1. As an alternative to the standard brick detectable warning surface (DWS) requirements in EDCM Section 4.12 (details shown in Appendix B-2), DWS products manufactured for setting in uncured concrete (“wet-set”) may be utilized within City right-of-way when all of following conditions are met:
 - a. Location shall not be within the Downtown and Historic Districts shown on the attached map. Pedestrian facilities on both sides of roadways bordering these areas shall be considered within the boundaries. Brick may be mandated for specific projects or installations, at the discretion of the City Engineer regardless of location.
 - b. Product shall comply with requirements of the Americans with Disabilities Act (ADA), listed on the FDOT Approved Products List (APL), and approved by the Public Works Department prior to installation in City right of way.
 - c. Product shall be rigid tiles or panels. Flexible, rubber or rubberized mats shall not be allowed.
 - d. Color shall be brick red.
 - e. Tiles/Panels shall be set in the standard 6” reinforced concrete required for curb ramps in accordance with the EDCM.
2. Directional tactile walking surface indicators (directional indicators) shall consist of brick pavers. Rigid wet-set tiles or panels may be utilized, subject to meeting the above criteria for Detectable Warning Surfaces.
3. The attached detail (Appendix B-10) for concrete flared driveways will be allowed instead of FDOT Standard Index 522-003 only for single family dwellings on minor local streets in residential districts (maximum 800 Average Daily Traffic and posted speed limit 30 miles per hour or less).
4. In accordance with the Manual on Uniform Traffic Control Devices, 11th Edition, the sign lettering for names of places, streets, and highways shall be composed of a combination of lower-case letters with initial upper-case letters.
5. Modifies Section 3.8.2.2.b. of the EDCM to specifically reference Class II PP Pipe:

All pipes within City right-of-way shall be reinforced concrete or Class II polypropylene meeting FDOT specifications (latest edition), have a 100-year design service life, and be from an FDOT-approved production facility.

This memo shall remain in effect until the EDCM is revised with an updated edition.

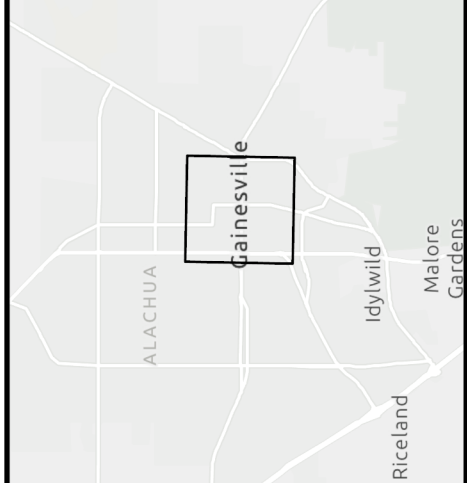
Downtown and Historic Districts

-  Boundaries
-  Historic Districts
-  Downtown ACE
-  Roads

* The western boundary of the Southeast Historic District from East University Avenue to SE 4th Avenue is Sweetwater Branch Creek.

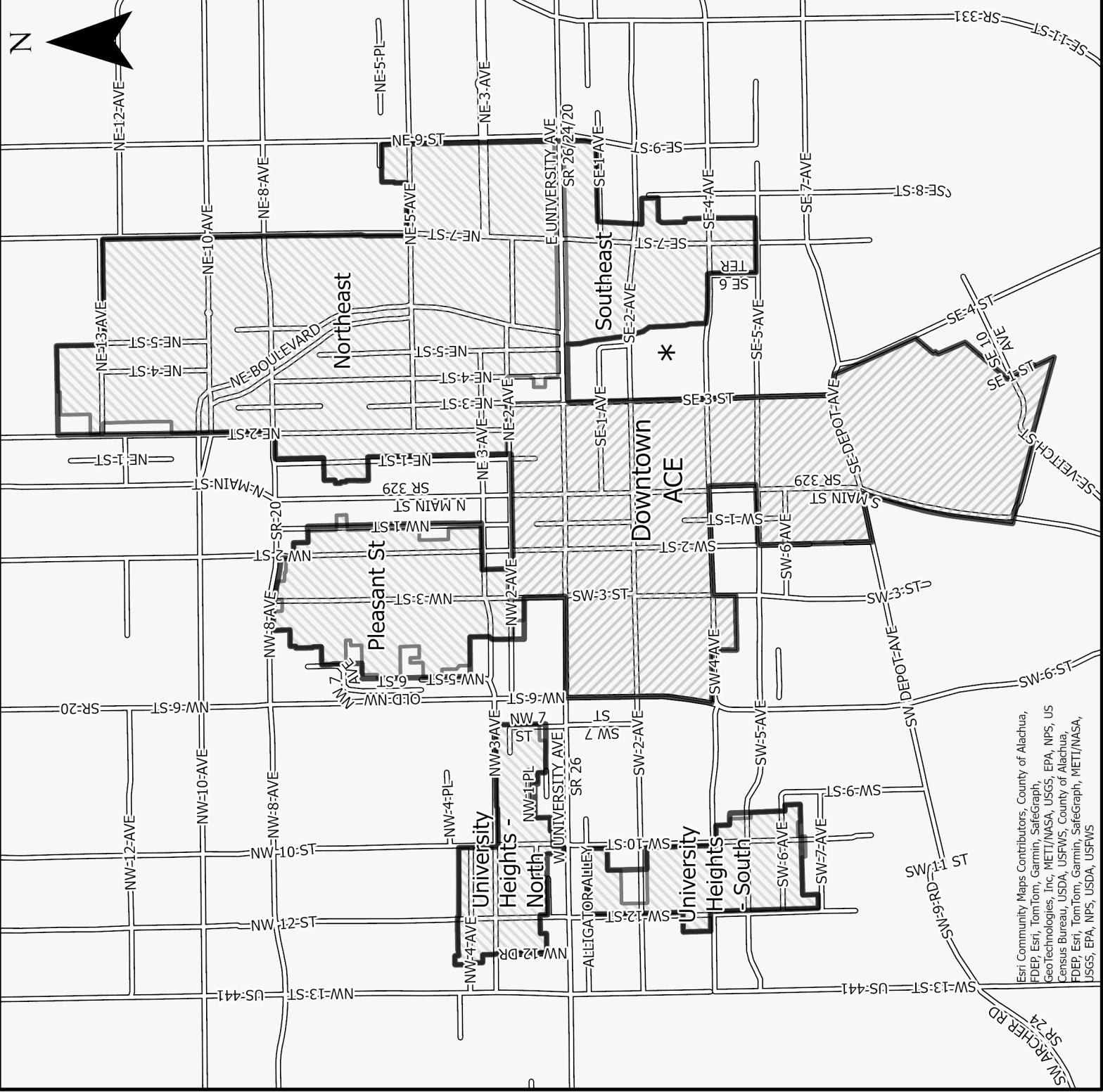
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Created by: WebsterKZ
Created: 9/6/2024
Credits: COGPW, COG Planning Dept.

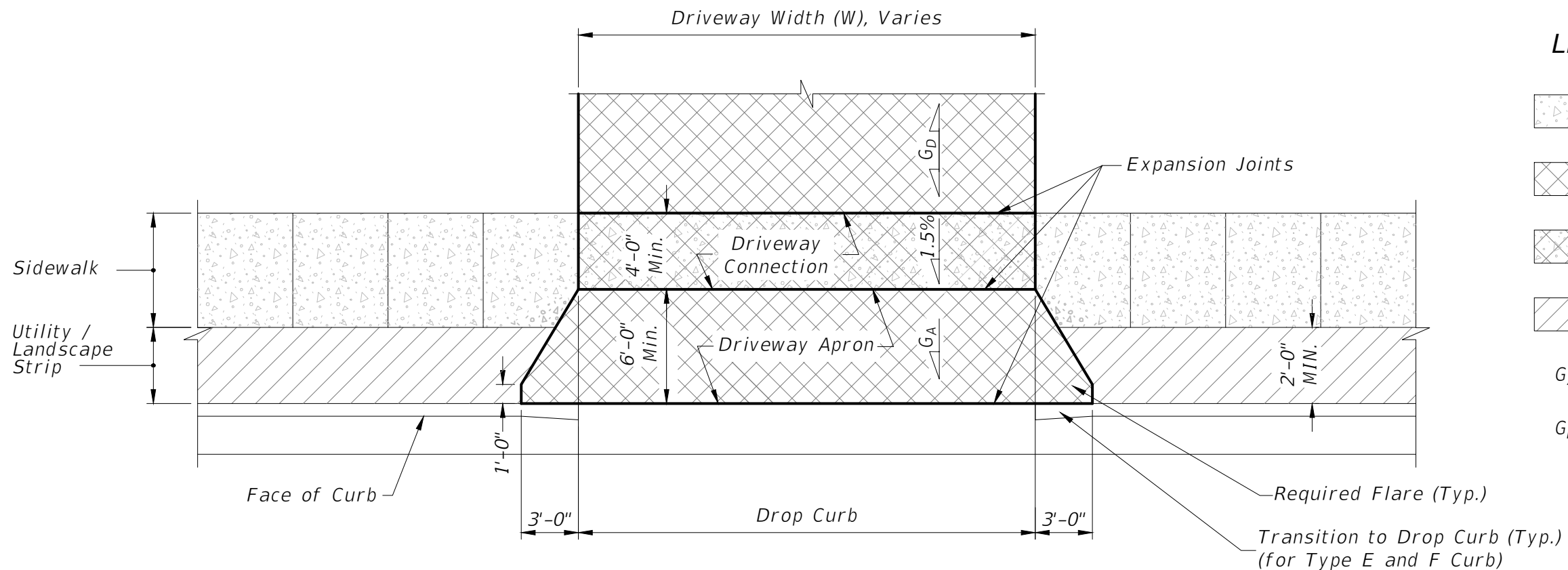
This map is for informational purposes only. Do not rely on this map for accuracy of dimensions, size or location. The City of Gainesville does not assume responsibility to update this information or for any error or omission on this map. For specific information, you are directed to contact the City of Gainesville Public Works Department.







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GENERAL NOTES:

1. This detail shall only be allowed for Single Family Dwellings on minor local streets in residential districts (maximum 800 ADT and posted speed limit 30 MPH or less).
2. Refer to FDOT Standard Index 520-001 for drop curb details and Index 522-001 for joints between driveway, sidewalks, and curb.
3. Existing Curb and Gutter:
Remove existing curb and gutter to either the nearest joint beyond the flared point or to where no remaining section is less than 5 feet long.
4. Longitudinal Joints:
Construct 1/8" open joints placed at equal (20' max.) intervals for driveways over 20' wide. Match joints in curb and gutter to match joints in driveways.
5. Transverse Joints:
Construct 1/8" open joints @ 10' Centers and 1/2" expansion joints with preformed joint filler every 5th joint.
6. Construct driveways (6" thick concrete) to a uniform width (W) to the R/W line or the extent shown in the Plans.
7. Depth of Driveway Apron shall be 6' minimum, unless otherwise approved by the City Engineer.
8. Grade of Driveway Apron (G_A) shall not exceed 9%, unless otherwise approved by the City Engineer.
9. Width of Driveway Connection shall be 4'-0" minimum. Match sidewalk width when shown in Plans or when utility strip width is equal to or greater than the depth of the Driveway Apron.
10. Alpha-Numeric Identification:
Concrete Flared Driveway Alpha-Numeric Identifications (e.g. G4) are provided for reference purposes in the FDOT Standard Plans.



LEGEND:

-  Sidewalk
-  Flared Driveway (6" Thick Concrete)
-  Driveway Connection (6" Thick Concrete)
-  Utility Strip
- G_A Driveway Apron Grade
- G_D Driveway Grade (Existing or Proposed)