MEMORANDUM

TC
Substitute to
Agenda Item No. 1(G)1

TO:	Honorable Chairman Anthony Rodriguez and Members, Board of County Commissioners	**DATE:**	October 14, 2026
FROM:	Geri Bonzon-Keenan County Attorney	**SUBJECT:**	Ordinance relating to the operation of personal delivery devices and mobile carriers in the incorporated and unincorporated areas of Miami-Dade County; creating chapter 31 article VIII of the Code; providing regulations for the safe operation of personal delivery devices and mobile carriers; providing legislative intent, applicability, and definitions; amending section 8CC-10 of the Code; providing for enforcement by civil penalty

This substitute differs from the original item in that it changes the requirement for enforcement by municipalities from mandatory to permissive; modifies the definition of "Department" to include the applicable department within a municipality responsible for enforcing this article or regulations adopted by such municipality for the safe operation of personal delivery devices and mobility carriers; provides that permit applications for the operation of delivery devices in the incorporated areas be obtained from the municipality in which the delivery devices are to be operated; prohibits the display of commercial advertisements on delivery devices except for the name of the owner of such devices; changes the maximum speed of delivery devices from 10 miles per hour to 8 miles per hour on sidewalks and from 5 miles per hour to 10 miles per hour in crosswalks; requires the County Mayor or County Mayor's designee to prepare a written report regarding the implementation and enforcement of this ordinance twelve months following the effective date of this ordinance; includes technical and conforming changes.

Rule 5.06(i) of the Board's Rules of Procedure provides that differences between an original item and a substitute item should be uniquely identified in the substitute by double underlining and double strike-through, or where such approach would not clearly show the difference or are not practical, by providing footnotes or comments on the item. Based on Rule 5.06(i), the preceding comprehensive description of the differences between the original item and the substitute item is provided in lieu of double underlining and double strike-through.

The accompanying ordinance was prepared and placed on the agenda at the request of Prime Sponsor Commissioner Micky Steinberg.

for
Geri Bonzon-Keenan
County Attorney

GBK/uw

Memorandum

Date: November 17, 2026

To: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

From: Daniella Levine Cava
Mayor

Subject: Social Equity and Fiscal Impact Statements for Ordinance Relating to Personal Delivery Devices and Mobile Carriers – Legistar No. 261294

The proposed ordinance creates Chapter 31, Article VIII of the Code of Miami-Dade County to establish a regulatory framework governing the operation of Personal Delivery Devices (PDDs) and Mobile Carriers within Miami-Dade County. The ordinance would require operators to obtain permits, establish operational standards, authorize the Department of Transportation and Public Works (DTPW) to adopt administrative rules for how, where and when these devices may operate, establish insurance and incident-reporting requirements, and create an enforcement framework for violations through civil penalties. The ordinance would apply throughout Miami-Dade County, although municipalities would retain the authority under state law to adopt and enforce their own regulations governing the safe operation of these devices. The ordinance also authorizes DTPW to establish permit fees through an administrative order. The proposed regulations are intended to promote the safe integration of autonomous delivery technologies into the County's transportation network while preserving pedestrian safety and accessibility.

The ordinance is consistent with state law, which prescribes certain statutory baselines for operation of personal delivery devices and mobile carriers, including maximum operating speeds (i.e., capped at 15 miles per hour), pedestrian right-of-way requirements (i.e, devices must yield the right-of-way to pedestrians on the sidewalk or crosswalk) and operators maintaining minimum insurance coverage of at least $100,000 for damages arising from the combined operations of the devices under the entity’s or agent’s control.

Social Equity Statement

The proposed ordinance is expected to have a positive social impact by establishing a uniform regulatory framework for the operation of personal delivery devices and mobile carriers. The adoption of clear operating standards, permitting and insurance requirements, and enforcement mechanisms would provide greater regulatory stability and predictability for both operators and the public while promoting the safe deployment of emerging delivery technologies.

The ordinance may also improve sidewalk accessibility and public safety by establishing standards intended to reduce conflicts between autonomous delivery devices and pedestrians. The proposed requirements governing device speed, pedestrian right-of-way, operating zones, incident reporting, and prohibitions against obstructing sidewalks, crosswalks, transit stops, and Americans with Disabilities Act (ADA) infrastructure may particularly benefit older adults, individuals with disabilities, transit users, and other vulnerable populations that rely on unobstructed access to the public right-of-way. The ordinance further authorizes DTPW to designate high-pedestrian areas, establish geographic and slow-speed zones, and implement time-of-day restrictions when necessary to protect public safety.

At the same time, because the ordinance authorizes municipalities to adopt and enforce their own regulations governing these devices, regulatory requirements may vary among jurisdictions within Miami-Dade County. As additional municipalities adopt local regulations, operators and residents may

encounter different permitting, operational, and enforcement standards depending on where a device is deployed. Consequently, coordination between the County and municipalities will be important to clearly define jurisdictional responsibilities and minimize the potential for overlapping or duplicative regulation.

Fiscal Impact Statement

Implementation of the proposed ordinance is expected to result in additional administrative and operational costs for DTPW. The ordinance establishes a new permitting and enforcement program that will require the review and processing of permit applications, verification of insurance and operational requirements, investigation of complaints, field inspections, documentation of violations, case management, records retention, and administration of civil penalties. In addition, DTPW will be responsible for developing administrative procedures and implementing the permitting framework under the ordinance.

Unlike traditional moving violations, enforcement actions under the ordinance would be directed to the responsible permit holder or operator rather than the autonomous device itself, requiring DTPW to identify responsible parties, document violations and maintain records sufficient to support enforcement actions.

Based on DTPW's preliminary assessment, implementation of the program is expected to require, at a minimum, two new Passenger Transportation Enforcement Officer positions and one new Clerk IV position. The estimated annual salary and fringe benefit costs associated with these positions total approximately $251,773, consisting of $180,271 for two enforcement officers and $71,502 for one Clerk IV position. Additional expenditures may include County vehicles, equipment and technology, training, database and permit administration, records management, legal and hearing-related support, certified-mail expenses, and other enforcement-related costs.

Although the ordinance authorizes permit fees and civil penalties, DTPW does not currently have sufficient information to determine the fee structure necessary to recover the full cost of administering the program. At present, only a limited number of companies have been identified as operating or testing these technologies within Miami-Dade County. As a result, permit revenue may remain limited unless the industry expands substantially, and civil penalties should not be considered a reliable funding source. Consequently, revenues generated through permits and enforcement activities may not be sufficient to offset the personnel and administrative costs associated with establishing and maintaining the program. And the County Code requires that the administration of the program is to be entirely funded by program revenue.

Roy Coley
Deputy Mayor

MEMORANDUM

(Revised)

TO: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

DATE: November 17, 2026

FROM: Geri Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No.

Please note any items checked.

_____	**"3-Day Rule" for committees applicable if raised**
✓	**6 weeks required between first reading and public hearing**
✓	**4 weeks notification to municipal officials required prior to public hearing**
_____	**Decreases revenues or increases expenditures without balancing budget**
_____	**Budget required**
_____	**Statement of fiscal impact required**
_____	**Statement of social equity required**
_____	**Ordinance creating a new board requires detailed County Mayor's report for public hearing**
_____	**No committee review**
_____	**Requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ____, 3/5's ____, unanimous ____, majority plus one ____, CDMP 7 votes (majority of membership) ____, CDMP 2/3 members present but not less than 7 votes (majority of membership) ____, CDMP 9 votes (2/3 membership) _____) to approve**
_____	**Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required**

Approved _____ Mayor Agenda Item No.
Veto _____
Override _____

ORDINANCE NO. _____

ORDINANCE RELATING TO THE OPERATION OF PERSONAL DELIVERY DEVICES AND MOBILE CARRIERS IN THE INCORPORATED AND UNINCORPORATED AREAS OF MIAMI-DADE COUNTY; CREATING CHAPTER 31, ARTICLE VIII OF THE CODE OF MIAMI-DADE COUNTY, FLORIDA; PROVIDING REGULATIONS FOR THE SAFE OPERATION OF PERSONAL DELIVERY DEVICES AND MOBILE CARRIERS; PROVIDING LEGISLATIVE INTENT, APPLICABILITY, AND DEFINITIONS; AMENDING SECTION 8CC-10 OF THE CODE; PROVIDING FOR ENFORCEMENT BY CIVIL PENALTY; PROVIDING SEVERABILITY, INCLUSION IN THE CODE, AND AN EFFECTIVE DATE

WHEREAS, section 316.2071, Florida Statutes, provides that subject to section 316.008(7)(b), Florida Statutes, a personal delivery device or mobile carrier operating on a sidewalk or crosswalk has all the rights and duties applicable to a pedestrian under the same circumstances, except that the personal delivery device or mobile carrier must not unreasonably interfere with pedestrians or traffic and must yield the right-of-way to pedestrians on the sidewalk or crosswalk; and

WHEREAS, section 316.008(7)(b)1, Florida Statutes, provides that a personal delivery device and a mobile carrier may be operated on sidewalks and crosswalks within a county or municipality when such use is permissible under federal law, and that counties and municipalities are not restricted from otherwise adopting regulations for the safe operation of personal delivery devices and mobile carriers; and

WHEREAS, this Board has taken notice of the rising number of personal delivery devices and mobile carriers operating upon the sidewalks and crosswalks in this County and wishes to, as authorized by section 316.008(7)(b), adopt regulations for the safe operation of such devices within the County; and

WHEREAS, the Board recognizes the potential benefits of such technologies, including increased efficiency in goods delivery and reduced vehicular congestion; and

WHEREAS, the County experiences high pedestrian volumes, multimodal transportation demands, and significant tourism activity; and

WHEREAS, as a result, this Board finds that unregulated access to the public rights of way could be inimical to the pedestrian safety, accessibility, and to the orderly use of sidewalks and crosswalks in this County; and

WHEREAS, the Board finds that appropriate regulation is therefore necessary to ensure the safe operation of personal delivery devices and mobile carriers in this County, and desires to establish a comprehensive framework governing the safe operation of personal delivery devices and mobile carriers within the County,

BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA:

Section 1. Chapter 31, Article VIII of the Code of Miami-Dade County, Florida, is hereby created to read as follows:[1]

CHAPTER 31. VEHICLES FOR HIRE

* * *

>>**ARTICLE VIII – REGULATION OF PERSONAL DELIVERY DEVICES AND MOBILE CARRIERS**

Sec. 31-801 - Title and authority.

This article shall be known as the "Personal Delivery Device and Mobile Carrier Safety Code." This article is adopted pursuant to the

[1] Words stricken through and/or [[double bracketed]] shall be deleted. Words underscored and/or >>double arrowed<< constitute the amendment proposed. Remaining provisions are now in effect and remain unchanged.

authority in the Miami-Dade County Home Rule Amendment and Charter, and the authority granted to counties in chapters 125 and 316 of the Florida Statutes, as they may be amended from time to time.

Sec. 31-802. - Regulation of Personal Delivery Devices and Mobile Carriers.

(1) *Applicability and enforcement.*

a. This article shall apply to both the incorporated and unincorporated areas. In the unincorporated area, this article shall be enforced by the County, and in the incorporated areas, this article may be enforced by the municipalities. It is provided, however, that this shall not be construed to limit the County's authority to enforce this article within a municipality that has not adopted its own regulations as provided in subparagraph (b) below.

b. Each municipality may establish and enforce its own regulations deemed necessary for the safe operation of personal delivery devices and mobility carriers, whether more or less stringent than the provisions of this article. A municipality that adopts or has previously adopted its own regulations for the safe operation of personal delivery devices and mobility carriers shall file the applicable legislation with the Miami-Dade County Clerk of the Board, but the enforceability of such municipal regulations shall not be contingent on such filing.

(2) *Definitions.* Except as otherwise specifically set forth herein, the definitions in Section 316.003, Florida Statutes, as such may be amended from time to time, apply to this article. In addition, the following words and phrases, when used in this article shall, for the purpose of this article, have the meanings given to them in this section:

a. "*Director*" shall be as defined in section 2-99 of the Code of Miami-Dade County, Florida.

b. "*Department"* means the Miami-Dade Department of Transportation and Public Works or successor department with jurisdiction and administration over

traffic; or as may be applicable, the department within a municipality responsible for enforcing this article or the regulations adopted by such municipality for the safe operation of personal delivery devices and mobility carriers.

c. "*Geofence"* or "*Geofencing*" means technological measures that restrict the geographic area or operational characteristics of a delivery device.

d. "*Personal delivery device*" shall have the meaning provided in section 316.003(59), Florida Statutes, as may be amended from time to time.

e. "*Mobile carrier*" shall have the meaning provided in section 316.003(43), Florida Statutes, as may be amended from time to time.

f. "*Delivery device*" when used solely in this section shall be deemed to include both *personal delivery devices* and *mobile carriers*.

g. "*Personal delivery device operator" or "operator"* shall have the meaning provided in section 316.003(60), Florida Statutes, as may be amended from time to time.

h. "*Right-of-way*" means land devoted to or required for use as a roadway, sidewalk, or other associated feature, and includes, without limitation, (i) all existing or dedicated road rights-of-way and (ii) all proposed dedications of road rights-of-way set forth on official grading and drainage plans approved pursuant to tentative plats.

i. "*Sidewalk*" means that portion of a right-of-way between the curbline, or the lateral line, of a roadway and the adjacent property lines, intended for use by pedestrians.

(3) *Permit Required*. No person or entity shall deploy or operate one or more delivery devices within the unincorporated areas of the County without first obtaining a permit from the County; or in the incorporated areas of the County, without first obtaining a permit from the municipality within which such delivery device is to be operated. Each operating permit may be issued for up to a one (1) year period and may be renewed, as applicable, by the County or the municipality

upon the operator's demonstration of compliance with this section.

a. Every application for an initial permit, renewal application, or transfer or amendment of a permit shall be in writing, signed and sworn to by the applicant, and shall be filed, as applicable, with the County or municipality together with a processing fee as established by the County or municipality. If the applicant is a corporation, the form shall be signed and sworn to by the president or vice-president, and the corporate secretary shall attest such signature and affix the corporate seal. If the applicant is a partnership, the form shall be signed and sworn to by a general partner. The statements contained in the application shall become a part of the certificate and may be modified only in accordance with this article. The application shall be on a form provided by the Department or municipality and shall contain all information required thereon, including:

    i. Sufficient information to identify the applicant, including but not limited to full legal name, and trade name, date of birth, telephone number, business address and residence address, of the applicant. If the applicant is a corporation, the foregoing information shall be provided for each officer, resident agent and director. If the applicant is a partnership, the foregoing information shall be provided for each partner. Post office box addresses will not be accepted hereunder. All corporate or partnership applicants shall be organized or qualified to do business under the laws of Florida.

    ii. The unique identification number of each delivery device to be operated under the permit being applied for;

    iii. Designation of a 24-hour contact;

    iv. Proof of insurance as required by section 31-802(9) of the Code;

    v. Description of fleet size and service area for each device to be operated under the permit;

vi. Description of the applicant's safety and monitoring protocols.

vii. A sworn statement signed by the applicant that all the information provided by the applicant is true and correct.

b. *Investigation of permit applicants.* The Department shall investigate each application and accompanying required documents and reject any application that is not properly filed or that is incomplete or untrue in whole or in part. The Department may approve or deny the issuance of delivery device permit as specified in this article on such terms and conditions as public safety may require. The Department's decision to reject or to deny may be appealed in accordance with this article.

(4) Where the Department determines it necessary for the safe operation of delivery devices, the Department may:

i. Designate "high-pedestrian areas" as used in this ordinance.

ii. Establish geographic zones for purposes consistent with this ordinance.

iii. Designate slow-speed zones or time restricted zones, provided that such restrictions are narrowly tailored and such designation does not effectively prohibit the operation of delivery devices in any zone so designated.

iv. Limit the number of delivery devices that may be operated under each permit, providing that such limits do not effectively prohibit the operation of delivery devices in any geographic zone.

v. Limit the number of permits issued for the operation of delivery devices in a particular geographic zone.

vi. *Time of day restrictions*. The Department may establish restrictions on the hours of operation in

areas designated as high-pedestrian areas or other geographic zones as may be deemed necessary for safe operation of delivery devices, providing that such time-of-day restrictions do not effectively prohibit the operation of delivery devices in any geographic zone.

(5) *Required Delivery Device Enhancements.*

a. All delivery devices operating in this County shall be equipped with:

i. White light on the front and red light on the rear.

ii. Reflectors that are visible from all angles on each side.

iii. An audible alert system capable of alerting pedestrians within 15 feet of the delivery device.

iv. A braking system capable of bringing the delivery device to an immediate stop.

v. Obstacle detection technology.

vi. A unique identification number displayed externally.

vii. Geofencing technology that allows operators to, at a minimum (a) enforce the speed limits required by this section automatically, and when required, remotely; and (b) restrict the operation of such delivery device in the prohibited areas and at prohibited times.

viii. Automatic stop feature if communication signal is lost between the operator and the delivery device. Such feature shall ensure that a delivery device is not stopped in a prohibited area at prohibited times.

(6) *Display requirements*. Every delivery device shall display on its exterior a quick response (QR) barcode that leads to the operator's contact information or a phone number to contact the operator.

(7) No *Advertisement*. Delivery devices may not display any commercial advertisement except for the name of the owner of such delivery device displayed once on the front, rear, and each side of each delivery device.

(8) *Rules of Operation.*

a. *Speed Limit.*

i. Delivery devices operating upon the sidewalks of this County shall not exceed the maximum speed limits set forth in this subsection:

1. Maximum of 8 miles per hour on sidewalks.

2. Maximum of 6 miles per hour in high-pedestrian areas, as such areas may be designated pursuant to section 31-802((4)(i).

3. Maximum of 10 miles per hour in crosswalks.

b. Delivery devices shall be made to come to a full stop prior to entering any crosswalk.

c. *Pedestrian Priority.* Delivery devices shall yield the right-of-way to pedestrians at all times.

(9) *Prohibited activities.*

a. Delivery devices shall not be operated within school zones during the school zone speed limit enforcement times established by section 30-5 of the Code.

b. Staging or storage of delivery devices in the public right-of-way is prohibited unless expressly authorized by the Director in writing.

c. Delivery devices shall not be stopped or parked in a manner that obstructs pedestrian travel.

d. Delivery devices shall not be parked, stopped, or made to remain idle on the sidewalks for a period greater than 20 minutes unless actively engaged in delivery.

e. Delivery devices shall not be parked, stopped, or made to remain idle in any crosswalk.

f. Delivery devices shall not be parked, stopped, or made to remain idle upon any Americans with Disabilities Act (ADA) warning pad, except where necessary to gain access to a crosswalk in a manner consistent with the provisions of this section.

g. Delivery devices shall not impede pedestrian access to:

i. crosswalks,

ii. curb ramps,

iii. ADA ramps,

iv. ADA warning pads,

v. Fire hydrants,

vi. Transit stops or stations, or

vii. Bus loading locations.

(10) *Registration and Insurance requirement*. A person or entity that owns and operates a delivery device in this County must maintain an insurance policy on behalf of himself, herself, or itself and his, her, or its agents, which provides general liability coverage of at least $100,000 for damages arising from the combined operations of delivery devices under the person's, entity's, or agent's control, as required by section 316.2071, Florida Statutes, as may be amended from time to time. Such person or entity shall, on an annual basis, by no later than January 31st of each year, submit to the Department a certificate of insurance demonstrating the coverage required by this section.

(11) *Monitoring and incident reporting*. Operators shall at all times maintain the capability to monitor delivery devices in real time. Operators shall log and maintain a record of all incidents that result in property damage or personal injury caused by or stemming from the operation of the operator's delivery device(s). Operators shall report any incident that results in property damage or personal injury caused by or stemming from the operation of a delivery device to the Department within 24-hours of its occurrence. Operators shall remove any malfunctioning or inoperable device from the public right-of-way within 6 hours of actual or constructive notice of such inoperability.

(12) *Penalties.* Any person violating a provision of this section shall be subject to the penalties and remedies provided in section 1-5 and chapter 8CC and any other penalties or remedies provided by law. Each violation, and each day, or portion thereof, that a violation of this section exists shall constitute a separate offense.

(13) *Administration*. The County Mayor or the County Mayor's designee is authorized to adopt administrative orders necessary to implement the provisions of this Article.

(14) Twelve months following the effective date of this ordinance, the County Mayor or County Mayor's designee shall prepare a written report regarding the implementation and enforcement of this ordinance, and shall place the completed report on an agenda of the full Board without committee review pursuant to rule 5.06(j) of the Board's Rules of Procedure.

Section 2. Section 8CC-10 of the Code of Miami-Dade County, Florida, is hereby amended to read as follows:

Sec. 8CC-10. Schedule of Civil Penalties.

The following table shows the sections of this Code, as they may be amended from time to time, which may be enforced pursuant to the provisions of this chapter; and the dollar amount of civil penalty for the violation of these sections as they may be amended.

* * *

Code Section	*Description of Violation*	*Civil Penalty*
	* * *	
>>31-802	Failure to obtain insurance required by section 31-802(9).	$500.00
31-802	Operation of a delivery device without a permit.	$500.00
31-802	Any other operation of a delivery device in violation of section 31-802. First offense: Second or subsequent offense:	$250.00 $500.00<<
	* * *	

Section 3. If any section, subsection, sentence, clause or provision of this ordinance is held invalid, the remainder of this ordinance shall not be affected by such invalidity.

Section 4. It is the intention of the Board of County Commissioners, and it is hereby ordained that the provisions of this ordinance, including any sunset provision, shall become and be made a part of the Code of Miami-Dade County, Florida. The sections of this ordinance may be renumbered or relettered to accomplish such intention, and the word "ordinance" may be changed to "section," "article," or other appropriate word.

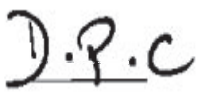
Section 5. This ordinance shall become effective ten (10) days after the date of enactment unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

PASSED AND ADOPTED:

Approved by County Attorney as
to form and legal sufficiency:



Prepared by:



Dale P. Clarke

Prime Sponsor: Commissioner Micky Steinberg