



Orange County Code Updates

Public Works Department October 2020

On October 13, 2020, the Orange County Board of County Commissioners adopted a number of changes to Ch. 9, 16, 21, 30, 34 and 38, Orange County Code, to address pedestrian safety, Americans with Disabilities Act (ADA) accessibility and various Public Works Department permits and plan reviews. This checklist is intended to be a quick reference to new and updated development standards and processes, pending the update of the Code in print and online by the Municipal Code Corporation.

Chapters 9 and 16	
Requirement	Code Section
Removes separate pedestrian accommodation standards and refers to Sec. 30-250.	Sec. 9-562
Adds sediment to the required erosion control plan for excavation/fill permits — must be consistent with the state’s Erosion and Sediment Control Designer and Reviewer Manual.	Sec. 16-8(d)(3), Sec. 16-22(a)(10)

Chapter 21	
Requirement	Code Section
Deletes shade tree list.	Sec. 21-5(b)
Adds opened non-maintained roadway definition, requirements for permits (only if certain conditions are met), and the process for County acceptance, public notice and funding improvements per BCC direction and current policy.	New Sec. 21-6
Adds unopened unimproved rights-of-way definition and requirements for permits, funding and maintenance per BCC direction and current policy — requires paving to County standards for permits to be issued.	New Sec. 21-7
Updates Petitions to Vacate submittal requirements, allowable fees and review standards, including a required preapplication conference with the Development Engineering Division.	Sec. 21-61 through 21-63

Updates list of reference manuals with which submittals must be consistent.	Sec. 21-176
Updates Right-of-Way Utilization permit requirements and adds a requirement for a Maintenance of Traffic plan.	Sec. 21-196
Requires open street cuts to be evaluated on pedestrian/bicycle traffic accessibility for the disabled.	Sec. 21-232(a)
States that open street cuts must be consistent with Sec. 21-236 and the permit's Maintenance of Traffic (MOT) management plan.	Sec. 21-232(b)(1)
Requires restoration of roadways, sidewalks, burbs and driveway to be consistent with ADA and Sec. 21-176 and restoration of driveways to a minimum of forty-eight (48) inches.	Sec. 21-232(b)(2) and (c)
Creates a new section with standards for railroad crossings.	New Sec. 21-232(e)
Makes significant updates to Maintenance of Traffic (MOT) requirements, including treating modes in a similar manner, separating modes, addressing transit and school children, requiring pedestrian/bicycle accommodations to be equivalent to pre-construction facilities and revoking permits for noncompliance.	Sec. 21-236
Revises drainage plan submittal requirements to add several new elements and routing calculations, require two (2) borings per retention/detention area and update stormwater management calculations.	Sec. 30-282

Chapter 30	
Requirement	Code Section
Expands applicability of site development requirements to mixed-use development.	Sec. 30-237
Requires site development plans to comply with ADA and the architect/engineer to correct deficiencies.	Sec. 30-240
Requires plans for paved access to comply with ADA, have two ramps per intersection quadrant on functionally-classified roads and provide interconnected transportation networks as specified in the section. Also requires developers to complete intersection improvements in road construction plans prior to issuance of certificates of occupancy.	Sec. 30-241
States that certification of continuous maintenance also shall include ADA compliance.	Sec. 30-242
Revises access management standards extensively, including driveway spacing, adoption of FDOT access classes and corresponding standards for median type and connection/median/signal spacing, driveway lengths, deceleration/acceleration lanes, joint use driveways and nonconforming access. County can require a traffic study and redeveloping properties to change access per analysis criteria in section.	Sec. 30-248
Revises sidewalk standards extensively, including: <ul style="list-style-type: none"> • required minimum 5-foot on local roads and 6-foot on functionally-classified roads, 	Sec. 30-250

<ul style="list-style-type: none"> • sidewalks on frontage of site and connecting to functionally-classified roads, • required two (2) ramps per intersection quadrant, • costs in lieu of construction updated to County contract costs, • minimum 48-inch continuous pedestrian access, • restrictions on use of bricks or pavers, • required pedestrian walkway standards and connection from accessible entrance to transit stop, • required curb stops and shade trees along walkways, • required special-emphasis thermoplastic crosswalks across driveways on functionally-classified roads, • required shared walkways and pedestrian lighting in the Alternative Mobility Area/Urban Area Transportation Impact Fee District, • Engineer of Record certification of maintenance, and • ability for County to require restoration of pedestrian accommodations. 	
Revises drainage plan submittal requirements to add several new elements and routing calculations, require two (2) borings per retention/detention area and update stormwater management calculations.	Sec. 30-282
Requires verification that exceptions and waivers will not affect accessibility and the safety of pedestrians, bicyclists and transit users.	Sec. 30-640

Chapter 34	
Requirement	Code Section
Adds Low-Impact Development (LID) practices and preservation of existing trees to chapter purpose.	Sec. 34-4
Updates required information to be submitted on preliminary subdivision plans, including ADA requirements and needed retrofits adjacent and/or in immediate proximity to the development site. Establishes new requirements for photometric plans for roadway lighting, signing and pavement marking plans and a traffic study if requested by the County Traffic Engineer.	Sec. 34-131
Revises subdivision construction plan requirements, including number/format of submittals, elements on plan, and new required signing and pavement marking plan and copy of MOT plan.	Sec. 34-132
Adds requirement for lots to have access to the public sidewalk network along major roadways and all access cuts/driveways to meet requirements of Sec. 30-248.	Sec. 34-152
Updates roadway standards, including pavement widths, vertical alignment, horizontal alignment and radii.	Sec. 34-171(1) through (6)

<p>Revises sidewalk standards extensively, including:</p> <ul style="list-style-type: none"> • required minimum 5-foot on local roads and 6-foot on functionally-classified roads, • sidewalks on frontage of site and connecting to functionally-classified roads, • required two (2) ramps per intersection quadrant, • ramps and corresponding sidewalks at intersection quadrants installed at the time of roadway construction, • asphalt milling or compaction for stabilized surface for pedestrians during construction if approved by the County Engineer, • subdivisions to have interim or permanent sidewalks installed to address all gaps for undeveloped lots if warranty period completed and County accepted for maintenance, and • costs in lieu of construction updated to County contract costs. 	Sec. 34-171(7)
<p>Adds new requirement for accessible parking if on-street parking is approved, including access aisles, passenger loading zones, signage and number of spaces – must have accessible parking spaces identified with signage and 5-foot aisle if sidewalk or ROW is more than 14 feet wide. Accessible parking spaces are 1 per 25 on block perimeter, 2 per 26 to 50 and increases from there up to 200 designated spaces on block.</p>	Sec. 34-171(10)
<p>Expands standards for review of required continuation of transportation network and connectivity.</p>	Sec. 34-173
<p>Revises intersection design standards to include vertical/horizontal sight distance and consideration of driveways and alleys.</p>	Sec. 34-175
<p>Requires development to have:</p> <ul style="list-style-type: none"> • secondary access if at least 1,320 feet adjacent to any arterial or major collector roadway if the development is at least 40 residential units or mixed-use development, • secondary access if less than 1,320 feet at the discretion of the County Engineer, • vehicular and pedestrian cross access easements and facilities to any adjacent property that co-terminates with any arterial roadway for all non-residential development, and • any waivers to meet all access management requirements of Orange County and the Florida Greenbook and be approved by the County Engineer. 	Sec. 34-176(c)
<p>Requires County intersections to meet the spacing requirements in Sec. 30-248.</p>	Sec. 34-177
<p>Requires Engineer of Record to also certify sidewalks and ADA requirements as part of infrastructure.</p>	Sec. 34-201
<p>Adds ADA requirements to inspection of improvements.</p>	Sec. 34-202
<p>Requires pedestrian access points in roadway screen walls at least every 500 linear feet or as directed by the County (encouraged to be near open space/stormwater ponds and may be included in open space calculations), traffic projections to be provided by applicant or owner if not available, and walls to not impede horizontal and/or vertical sight distances per FDOT standards.</p>	Sec. 34-209

Adds sediment to the required erosion control plan for excavation/fill permits — must be consistent with the state’s Erosion and Sediment Control Designer and Reviewer Manual.	Sec. 34-229(c)(2)(e)
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Chapter 38	
Requirement	Code Section
Adds definition of beacons, bike sharing, car sharing and car sharing space for student housing development.	Sec. 38-1
Removes ability to do mulch parking for model homes and sales centers.	Sec. 38-79(5)(b)(3)
Requires outdoor seating areas to not block bicycle access and meet accessibility requirements.	Sec. 38-79(148)
Deletes separate pedestrian circulation sections by zoning district to refer to new pedestrian accommodations requirements in Sec. 30-250.	Sec. 38-808, Sec. 38-833, Sec. 38-858, Sec. 38-883,
Requires all parking areas to separate pedestrian and vehicle circulation and meet all accessibility requirements, including exceptions to standards approved by the Zoning Manager or BZA.	Sec. 38-1479
Updates bicycle parking regulations to: <ul style="list-style-type: none"> • allow Zoning Manager approval of bicycle parking reductions with provision of bicycle lockers or other long-term bicycle parking; • update references to the Alternative Mobility Area to include the Urban Area Transportation Impact Fee District (which is larger); • require bicycle rack be placed to maintain accessibility of building entrance and encourage them to be covered; • update dimensional and technical standards; • require bicycle rack not impede loading of passengers/goods, transit stops or continuous pedestrian access route of 5 feet; and • allow Zoning Manager to approve waivers. 	Sec. 38-1484 - 38-1485

Chapter 38 - Planned Developments	
Requirement	Code Section
Adds requirement to submit signing and pavement marking plans with Development Plans.	Sec. 38-1206
Updates street standards to: <ul style="list-style-type: none"> • require connections to roadways and bus stops adjacent to development, 	Sec. 38-1229

<ul style="list-style-type: none"> • implement access management per Sec. 30-248, • require roadway connections to be ADA compliant, • address sight distances for streets, driveways and shared-use paths/trails, and • consolidate standards previously in several sections. 	
Updates parking standards to require consistency with Sec 30-250, accessibility if using alternative materials and connectivity within the AMA/UATIFD — also consolidates standards previously in several sections, like Sec. 38-1235.	Sec. 38-1230
Deletes current section to replace with requirement to meet all standards in Sec 30-250.	Sec. 38-1235
Deletes separate access management standards to reference Sec. 30-248.	Sec. 38-1272(4) and Sec. 38-1288
Adds requirement for unpaved parking serving theme parks/attractions in Tourist Commercial district to meet accessibility requirements.	Sec. 38-1289 (c)
Requires sidewalks in Tourist Commercial district to meet standards of Sec. 30-250 and collector roadways to meet 6-foot minimum.	Sec. 38-1298
Adds new required signing and pavement marking plan to Development Plans in Community Village Center.	Sec. 38-1347(32)
Updates Community Village Center standards to require pedestrian accommodations to meet requirements of Sec. 30-250, clarify separation of vehicular/pedestrian circulation, address sight distance, require accessibility in parking areas and apply on-street parking requirements of Sec. 34-171.	Sec. 38-1350

Chapter 38 – Multi-Family Development and Student Housing

Requirement	Code Section
Deletes reference to the benefit of single-family development and makes the compatibility plan in Sec. 38-1258(d) for buildings more than three (3) stories/40 feet optional, not mandatory.	Sec. 38-1258
Requires pedestrian access points in roadway screen walls at least every 500 linear feet or as directed by the County (encouraged to be near open space/stormwater ponds and may be included in open-space calculations).	Sec. 38-1258(f)
Allows multi-family development to directly access any right-of-way serving platted single-family residential development from one access point of the multi-family development.	Sec. 38-1258(g)
Requires multi-family development to provide bicycle parking for active recreation areas.	Sec. 38-1258(h)
Applies updated standards for student housing to all new development and additions to and expansions of existing student housing development.	Sec. 38-1259

Requires pedestrian gates in masonry walls adjacent to right-of-way at intervals directed by County Engineer unless right-of-way is dedicated to Orange County.	Sec. 38-1259(d)
Adds a new requirement for a mobility plan submitted to the Transportation Planning Division that addresses a number of items listed in the section and requires improvements to be consistent with FDOT standards.	Sec. 38-1259(e)
Updates existing requirement for a plan consistent with Crime Prevention Through Environmental Design (CPTED) to a community/site design plan that is CPTED-consistent submitted to the Planning Division.	Sec. 38-1259(e)
Requires pedestrian accommodations to meet all standards in Sec 30-250.	Sec. 38-1259(f)
Requires breaks in landscaping in parking areas for pedestrian/bicycle access to points of destination.	Sec. 38-1259(g)
Updates parking standards to add incentive for providing car sharing spaces and new required long-term bicycle parking as specified in the section.	Sec. 38-1259(h)
Requires transit shelters if a development is served by a university-affiliated shuttle.	Sec. 38-1259(i)
Updates reference to density calculations for consistency with existing Comprehensive Plan policy.	Sec. 38-1259(j)

Chapter 38 - Horizon West	
Requirement	Code Section
Adds requirement that Village streets meet all federal and state accessibility standards.	Sec. 38-1382(h)(2)
Requires on-street parallel parking to meet the requirements of Sec. 34-171, sidewalks to have a 5-foot min. width and to be on both sides of all streets, all streets to meet the requirements of Sec. 21-176 and 30-248, and all streets to have signing and marking plans per Traffic Engineering Division specifications.	Sec. 38-1382(h)(5)
Makes several changes to Neighborhood Center standards, including: <ul style="list-style-type: none"> • consideration of sight distance for required knee walls, • on-street parking per Sec. 34-171, • required min. of 48-inches for continuous pedestrian access routes, • significant updates to bicycle parking, • requiring exceptions to sidewalk standards to be approved by the County Engineer, • building entries to meet accessibility standards, and • driveways on functionally-classified roads required to have special-emphasis crosswalk markings maintained by property owners. 	Sec. 38-1388
Makes several changes to Village Center standards, including: <ul style="list-style-type: none"> • development to meet all accessibility standards, 	Sec. 38-1389

<ul style="list-style-type: none"> • ability for County Engineer to require cross-access with easement recorded by property owners, • transit shelters to be ADA-compliant and meet Florida Greenbook standards, • outside dining and seating to be consistent with accessibility requirements, • streets to meet Sec. 21-176 and Ch. 34 requirements, • owner/private-maintained sidewalks to meet accessibility requirements, • roadway connections to existing streets to meet accessibility requirements and provide two (2) ramps per intersection quadrant on functionally-classified roads, • parking structures to separate pedestrians and vehicles and to provide covered bicycle parking on the ground floor, • on-street parallel parking to meet Sec. 34-171 standards, • knee walls screening parking to be outside sight distances, • grocery store pedestrian facilities in parking areas to be consistent with Sec. 30-250, and • paver patterns in walkways eliminated in favor of concrete, asphalt, painted or thermoplastic crosswalks. 	
<p>Updates Horizon West Town Center PD/UNP submittal standards, including accessibility needs in existing sidewalk/transportation facilities, as well as shared-use paths and new signing and pavement marking plans in Master Street Plans.</p>	<p>Sec. 38-1390.16</p>
<p>Updates Horizon West Town Center Development Plan submittal standards, including accessibility needs and curb ramps for existing streets, sidewalks, intersections and other transportation facilities.</p>	<p>Sec. 38-1390.22</p>
<p>Requires Horizon West Town Center through-block pedestrian passageways to meet accessibility standards, have lighting for the full length, consider security features, have owners bear costs of construction and accessibility requirements, and have a min. 48-inch continuous pedestrian access route.</p>	<p>Sec. 38-1390.35</p>
<p>Updates Horizon West Town Center walkable community standards to require roadway connections to meet all accessibility standards and streets to meet Sec. 21-176 and Ch. 34 standards.</p>	<p>Sec. 38-1390.37</p>

<p>Makes several changes to site access standards for development in Horizon West Town Center, including:</p> <ul style="list-style-type: none"> • requirement to meet Sec. 30-248 standards, • ability for the County Engineer to require closure of pre-existing curb cuts after the construction of Cross-Access Corridors, • requirement for property owners to record cross-access easements and provide a recorded copy to Development Engineering, • mid-block driveways to meet accessibility requirements and Sec. 30-248, • right-in/right-out driveways with medians that meet Florida Greenbook standards, and • driveways to have thermoplastic crosswalks maintained by property owners. 	<p>Sec. 38-1390.39</p>
<p>Updates Horizon West Town Center Framework Street standards to:</p> <ul style="list-style-type: none"> • require on-street parking to designate accessible on-street parking spaces consistent with Sec. 34-171 and any on-street loading zones needed for safe movement/interaction of people and goods, • have on-street parking to have signage reviewed by Traffic Engineering, • require transit facilities and bicycle facilities to be consistent with the Florida Greenbook, • require approval from the County Engineer for posted/design speeds to differ and for the location of transit facilities, • require intersection spacing to be consistent with Sec. 30-248 and placement of signals to be warranted, • require streetlights to be consistent with the Florida Greenbook, and • add bicycle connectivity to cul-de-sac consideration. 	<p>Sec. 38-1390.40</p>
<p>Requires Horizon West Town Center Framework Street cross-sections to have walking zones that meet federal and state accessibility standards, roundabout design to consider pedestrian/bicycle safety and roundabouts that meet Florida-specific requirements published by FDOT.</p>	<p>Sec. 38-1390.41</p>
<p>Requires Horizon West Town Center Framework Streets to:</p> <ul style="list-style-type: none"> • meet accessibility standards for improvements to existing streets, • have roadway connections comply with all accessibility requirements of federal and state standards, • have roadway connections that provide two (2) ramps per intersection quadrant on functionally-classified roadways, • obtain approval of pavement markings from the Traffic Engineering Division, • have adjoining property owners' maintain on-street parking/bulbouts/furnishing zone/walking zone per accessibility requirements and Sec. 34-171 standards, • have minimum one-way pavement width of 20 feet not including parking, and 	<p>Sec. 38-1390.42</p>

<ul style="list-style-type: none"> • have minimum median widths consistent with the Florida Greenbook. 	
<p>Updates Horizon West Town Center pedestrian facility connections to require:</p> <ul style="list-style-type: none"> • trails and non-street sidewalks to meet accessibility standards; • shared-use paths to meet Florida Greenbook standards; • pedestrian and bicycle facilities outside rights-of-way to connect to the overall network; • pedestrian passageways/sidewalks to have a minimum width of 48 inches as a continuous pedestrian access route and meet all accessibility standards; • driveways on functionally-classified roads required to have special-emphasis crosswalk markings maintained by property owners; • allowable crosswalks now concrete, stamped or textured concrete or asphalt and thermoplastic or painted striping; • walkways in ROW require Traffic Engineering approval; • crosswalks already required where sidewalks cross driveways now maintained by property owners; and • public entrances must be accessible. 	Sec. 38-1390.43(c) through (g)
<p>Revises Horizon West Town Center bicycle facility/parking standards to:</p> <ul style="list-style-type: none"> • require shared-use paths to meet Greenbook standards and bicycle paths to have stop signs, • require short-term bicycle parking to meet device/installation standards similar to countywide standards, • allow additional configurations for long-term bicycle parking, • require bicycle parking maintain accessibility and encourage covered parking, and • update installation dimensions and parameters. 	Sec. 38-1390.43(h)
<p>States that required knee walls for off-street parking in Horizon West Town Center shall be outside the vertical and/or horizontal sight distances of any intersection or driveway.</p>	Sec. 38-1390.52(b)(3)
<p>Requires surface parking abutting any street in Horizon West Town Center to have crosswalks at all points where a sidewalk crosses a vehicle travel lane that is the maintenance responsibility of the property owner.</p>	Sec. 38-1390.52(d)

Chapter 38 – Overlay Zones/Zoning Districts	
Requirement	Code Section
Requires streets in Buena Vista North to meet the requirements of Sec. 21-176 and updates references to Daryl Carter Parkway.	Sec. 38-1391.3

Updates roadway references in Buena Vista North for consistency with definitions in Art. XV (Major Street Setbacks).	Sec. 38-1392.1
Updates bufferyard standards in Buena Vista North to: <ul style="list-style-type: none"> • prohibit masonry walls, flag poles, monument signs, bricks and pavers in public ROW; • require transit stops/shelters to be consistent with Sec. 21-253 and 21-254; • require pedestrian pathways to individual buildings to be concrete or textured/stamped concrete or asphalt (no bricks or pavers) and have crosswalks at vehicular use areas; and • require pedestrian pathways to multiple buildings to be concrete or textured/stamped pavement (no bricks or pavers), have crosswalks at vehicular use areas and have pedestrian lighting that meets Greenbook standards. 	Sec. 38-1392.2
Requires access management in Buena Vista North to: <ul style="list-style-type: none"> • meet the requirements of Sec. 30-248, • vacate ROW consistent with Ch. 21, Art. III standards, • establish joint-use driveways serving two (2) abutting building sites with cross-access easements wherever feasible if required by the County Engineer, • have cross-access easements recorded and provided to Development Engineering by property owners; and • identify all connections from sites to transit facilities that must be accessible per federal and state standards. 	Sec. 38-1392.3
Requires streetscaping in Buena Vista North to: <ul style="list-style-type: none"> • have landscaping for all roadways in the landscape plan with Florida-friendly landscape materials, • maintain vertical/horizontal sight distance at intersections and driveways, • prohibit accent landscape planting in ROW, and • have median and parkway planting meet Greenbook standards. 	Sec. 38-1394
Requires lighting in Buena Vista North to have mounting height, fixtures and illumination levels for roadway and pedestrian lighting within ROW that meet Greenbook standards.	Sec. 38-1396 – 38-1396.2
Updates Urban Village zoning district standards to: <ul style="list-style-type: none"> • require consistency with Sec. 21-176, • specify minimum dimensions for alleys, • note access management must comply with Sec. 30-248, • revise parking and pedestrian standards and require compliance with Sec. 30-250, • require accessibility per Sec. 34-171, and • prohibit street pavers. 	Sec. 38-1704 and 38-1713
Revised Neighborhood Center zoning district standards to:	Sec. 38-1734

<ul style="list-style-type: none"> • require pedestrian accommodations to meet standards in Sec. 30-250, • require access management consistent with Sec. 30-248, and • specify bicycle parking must meet Sec. 38-1484 and 38-1485 standards. 	
<p>Revised Neighborhood Activity Corridor zoning district standards to:</p> <ul style="list-style-type: none"> • require pedestrian accommodations to meet standards in Sec. 30-250, • require access management consistent with Sec. 30-248, and • specify bicycle parking must meet Sec. 38-1484 and 38-1485 standards. 	<p>Sec. 38-1741</p>