

Public Works Department

Work Session

**Code Amendments for Pedestrian Safety/ADA
and Public Works Administration**

July 28, 2020



Presentation Outline

- Purpose
- Overview
- Proposed Amendments
- Public Outreach
- Next Steps





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Purpose

- Discuss need for Orange County Code amendments
- Summarize proposed changes to various chapters
- Highlight extensive public outreach and input
- Review next steps in process



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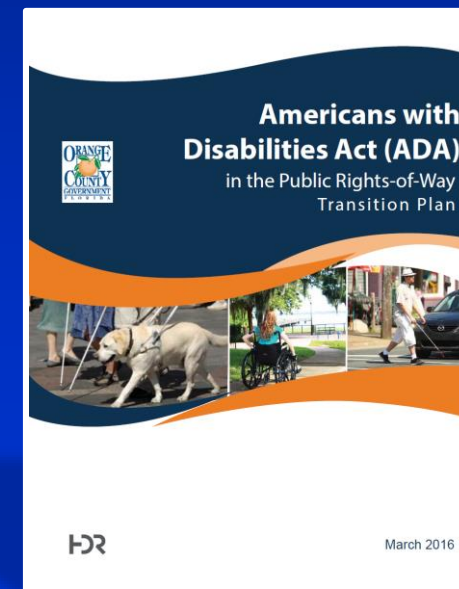
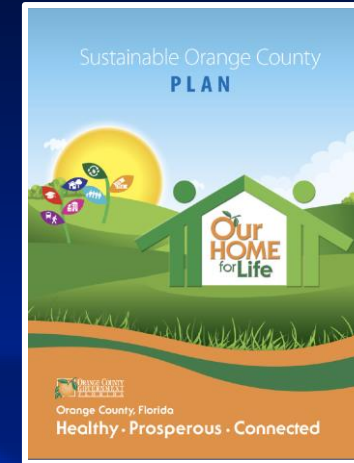
Overview

- **Need for Code updates**
 - Addressing sections not updated for many years
 - Codifying BCC direction to improve transparency
 - Simplifying infrastructure standards now in multiple chapters to eliminate redundancy
 - Implementing new federal/state standards and best practices
- **Two ordinances to keep each “single subject”**
 - Pedestrian safety and ADA needs in first ordinance
 - Public Works administrative needs in second ordinance

Overview

Related County Projects

- Sustainable Orange County Plan
- Walk-Ride-Thrive! Pedestrian Safety Program
- ADA Transition Plan
- Significant ADA retrofit needs in rights-of-way



First Ordinance - Amendments for Pedestrian Safety/ADA Needs

- “Maintenance of Traffic” for walking, biking, and transit
- Site development, access management, and sidewalks
- Subdivisions and student housing
- ADA Transition Plan recommendations
- FDOT standards
- Florida Accessibility Code

5. Orange County Code Chapters

The Orange County Code chapters serve as a resource for the County to plan, design, construct, and maintain infrastructure that serves the needs of the community. The recommended changes implemented are summarized in the following table:

Code	Comment	Referenced Standard	Recommendation
Chapter 9 – Building and Construction Regulations			
All Sections	All sections were reviewed, and no comments in regards to ADA compliance are needed at this time.	N/A	N/A
Chapter 21 – Highways, Bridges, and Miscellaneous Public Places			
Sec. 21-236	Maintenance of Traffic Does not accommodate ADA accessibility.	28 Code of Federal Regulations Part 35.133 Maintenance of Accessible Features, 2010 ADA sec. 206, 402, 403, 302	Add the phrasing “When an existing pedestrian way or bicycle way is located within a traffic control work zone, accommodation must be maintained and provision for the disabled must be provided.”
Sec. 21-252 (b)	Placement It is necessary for the County to establish criteria that the County will use to determine if existing connections provide an ADA compliant path. (I.e. define all the requirements to be compliant with ADA, such as that it must be at least 48” wide, have cross slopes not exceeding 2%, running slopes not exceeding 8.3%, no vertical changes in level).	2010 ADA sec. 206, 402, 403, 302, 502.3	Establish criteria to determine if existing connections provide an ADA compliant path. Revise policy to reflect ADA Standards updated in 2010, and the FBC Accessibility Code as updated in 2012 and PROWAG as published in 2011 (best practice).

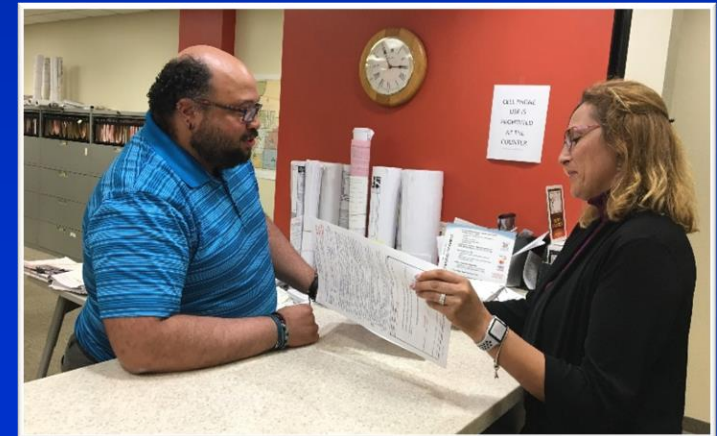
ADA Transition Plan in the Public Rights-of-Way

81

Overview

Second Ordinance - Amendments for Public Works Administration

- Obsolete text and references
- Drainage/erosion control plan requirements (per EPD)
- ROW/roadway standards in Ch. 34 and 38 (Fire Rescue)
- Submittals for PTV, PSP, and subdivision construction





Overview

- **Orange County's infrastructure standards are codified in multiple chapters**
 - **Chapter 9 – Building Construction and Regulations**
 - **Chapter 16 – Excavations and Fill**
 - **Chapter 21 – Highways, Bridges and Miscellaneous Public Places**
 - **Chapter 30 – Planning and Development**
 - **Chapter 34 – Subdivision Regulations**
 - **Chapter 38 – Zoning**



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Proposed Amendments

Chapter 9, 16, and 21

- Pedestrian/ADA updates for commercial/“big boxes”
- Sediment added to erosion control plans
- Better “maintenance of traffic” (MOT) during construction - FDOT/ADA standards
- MOT permit revocation for noncompliance



Proposed Amendments

Chapter 21

- Remove obsolete tree list for rights-of-way
- Open non-maintained roadway/unopened unimproved rights-of-way per policy
- Petition to Vacate application requirements from Comprehensive Plan





Proposed Amendments

Chapter 30

- **Better pedestrian site development**
 - Consolidated and improved standards
 - Driveway crosswalks (owner maintenance)
 - Can reconfigure access if redevelopment
 - Inspection by Development Engineering
- **Better accessibility/ADA**
 - Two ramps per intersection quadrant on arterials/collectors
 - ADA retrofits if connecting to County network
 - Code waivers and site plan deficiencies addressed





Proposed Amendments

Chapter 30

- Drainage plan requirements
- New access management (FDOT standards)
- Better connectivity (Comprehensive Plan)
- Enhanced sidewalk construction
 - Wider sidewalks to match FDOT standards
 - Subdivisions connected to County roadways
 - “Payment in lieu of” closer to costs
 - Lots of record addressed





Proposed Amendments

Chapter 34

- **Better pedestrian site development**
 - Residential sidewalk standards (similar to Ch. 30)
 - Wider, more connected sidewalks
- **Better accessibility/ADA**
 - Accessible on-street parking standards
 - Secondary access required if 40 units or more
 - Required pedestrian access for subdivision walls
 - HOA account funding for sidewalks/bicycle facilities



Proposed Amendments

Chapter 34

- Updated plan submittal requirements
- Acceleration/deceleration lane and traffic study
 - County Traffic Engineer request
- Waivers and MOT per Ch. 21 and 30
- Lane widths, curbs, and street features
 - Fire Rescue
 - Florida Greenbook





Proposed Amendments

Chapter 38

- **Better pedestrian site development**
 - Single-family/multi-family shared access
 - Required pedestrian access for screen walls
 - Pedestrian standards and access criteria relocated to Ch. 30
 - Planned Development standards simplified





Proposed Amendments

Chapter 38

- **Better pedestrian site development**
 - Student housing mobility plan and improvements
 - Special zoning overlay district updates
 - Horizon West pedestrian standards/bicycle parking
- **Better accessibility/ADA**
 - Conditions for special exceptions
 - Horizon West Village/Town Center ADA standards





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Public Outreach

- **Presentations to stakeholders**
 - Disability Advisory Board
 - Sustainability Advisory Board
 - Professional Resources Group
 - Public Works Advisory Board (*abolished and dissolved*)
- **Development Advisory Board**
 - Held 3 meetings
 - Received ordinance drafts for review

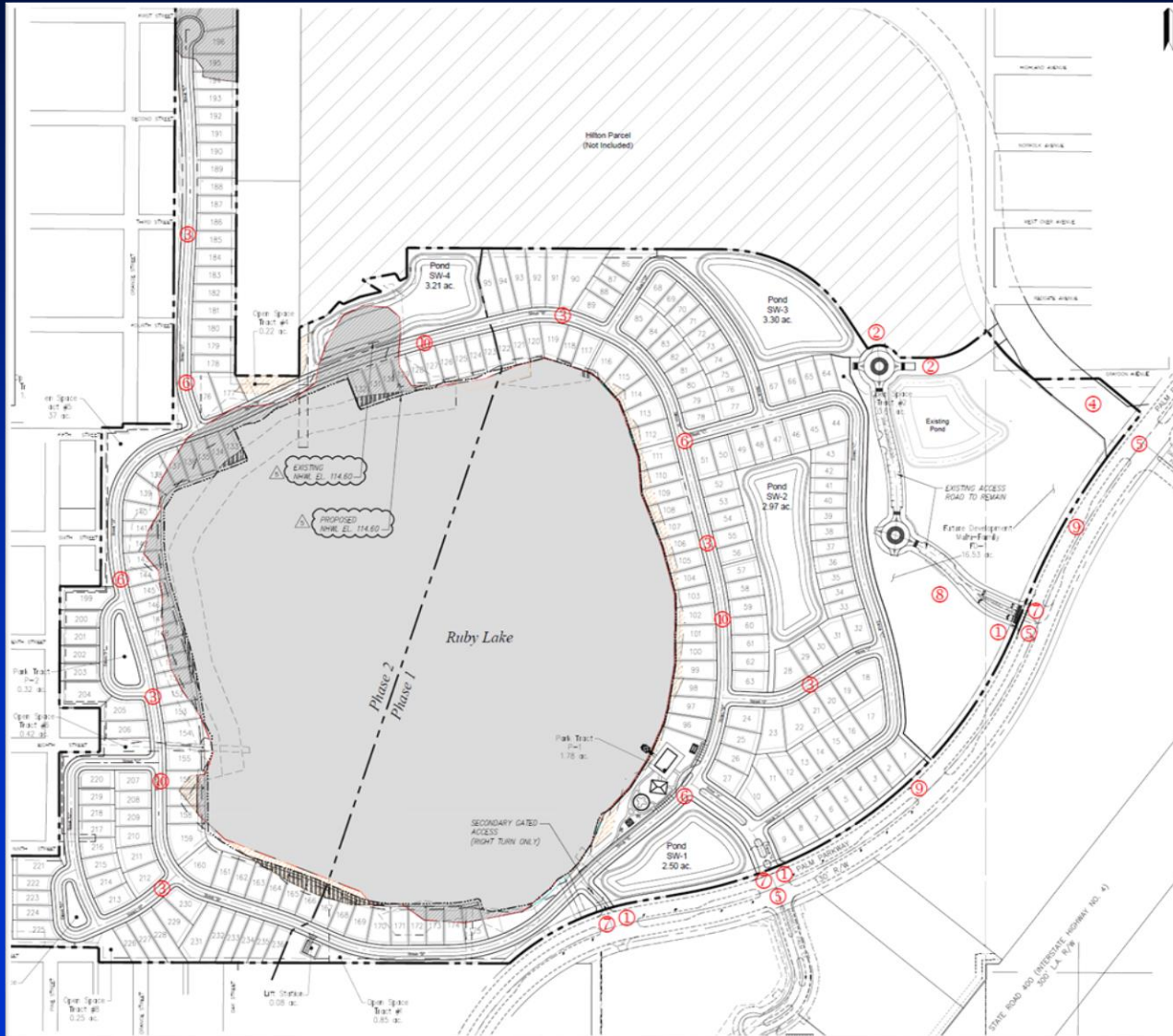


Public Outreach

- **Outreach to 15 professional associations for review of draft amendments**
- **Developers Forum held in July 2019**
 - Created sample plans reflecting new standards
 - Extended period for comments on draft ordinances
- **Presented at GOBA meeting in August 2019**
 - Received comments on draft ordinances



Public Outreach



- ① If connecting to County network, may have to fix ADA needs—plan would need to show ADA requirements
- ② Connectivity to all adjacent parcels (cross-access easements, ROW, stubouts) unless not physically feasible
- ③ Five-foot sidewalks along all local street frontages
- ④ Six-foot sidewalks on both sides of functionally-classified roads, including all frontages abutting site and connections to existing sidewalks on functionally-classified roads
- ⑤ Two ramps per intersection quadrant on functionally-classified roadways
- ⑥ If designated on-street parking spaces, must have accessible parking spaces identified with signage and five-foot aisle if sidewalk or ROW is more than 14 feet wide
- ⑦ Development with at least 1320 feet adjacent to arterial or major collector shall have two access points if development is over 40 residential units or mixed use
- ⑧ Cross access easements required if adjacent property co-terminates on arterial
- ⑨ Pedestrian access point in subdivision wall at least every 500 feet near schools or as directed by County
- ⑩ Minimum pavement width of 20 feet with no on-street parking, 24 if one-side parking, and 27 if two-sides parking—other standards may apply



Public Outreach

- **Revisions from industry/staff input**
 - Reduced ADA retrofit requirements at intersections
 - Clarified ADA retrofit needs to be identified at PSP submittal
 - Updated lighting standards/plans
 - Increased flexibility and enabled open space credit for pedestrian access points
 - Revised sidewalk construction/acceptance standards
 - Added section on railroad crossings
 - Revised for editorial needs (ex. references to FDOT standards)



Public Outreach

- **Planning and Zoning Commission/Local Planning Agency**
 - Public hearing on February 20, 2020
 - Made finding of consistency with the Comprehensive Plan
- **Staff continues to update GOBA and other stakeholders**



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Next Steps

- **BCC public hearing September 2020**
 - Provide notification to professional association partners
- **Implementation**
 - Staff training workshops on new standards
 - Outreach to stakeholders and advisory boards
- **Developing additional Code amendments for Public Works**
 - Focus on mobility and technology
 - Board Work Session in late 2020

Public Works Department

Work Session

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