

CITY COUNCIL MEETING

GLO RCP Building Codes Update

July 14, 2026



Meeting Outline

- Team Introduction
- Project Overview
- Concerns & Priorities
- Builder's Forum Report
- Surrounding Communities
- Code Comparison
- Code Update Considerations
- Significant Code Changes for Update
- 2024 ICC Code Adoption
- Benefits
- Discussion/Questions

GLO RCP Building Codes Update



Project Overview - Scope

Building Code Updates

Develop, adopt, & implement building codes that foster a greater degree of resiliency by meeting or exceeding the IRC 2012

Funding

100% funded by General Land Office, Resilient Communities Program Grant (GLO RCP)

Schedule (GLO Requirements)

	Milestone 1 May 2025 (Month 1)	Milestone 2 Jun 2025-Jan 2026 (Months 2-9)	Milestone 3 Feb 2026-Aug 2026 (Months 10-16)	Milestone 4 Sep 2026 -July 2027 (Months 17-27)	Milestone 5 Aug 2027 (Month 28)
GRANT AWARD & PROCUREMENT					
COMPREHENSIVE PLAN UPDATE					
BUILDING CODE UPDATE UPDATES					
ZONING & LDC UPDATE					
GRANT CLOSE-OUT					

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Project Overview - Work Schedule

Kick-off



February 2026 – April 2026
Work Plan, Community
Engagement, CC Work Session,

Findings & Draft Amendments

May 2026 – June 2026
Findings, Analysis, Stakeholder Meeting,
Draft Amendments

Finalization & Adoption

July 2026 – August 2026
CC Input, Public Hearing, Adoption

Community Input

- City Council Work Session
- Advisory Committee (AC) - 2 Meetings
- Website initialization
- Online questionnaire
- Community notices
- Stakeholder interviews

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Concerns & Priorities

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What has been heard so far from the Community*

- Updated **Fire** Codes (Safety)
- Property **Maintenance** Codes & Enforcement (Neighborhood Preservation)
- **Exterior** Maintenance & Façade Standards (Maintenance)
- Flexible **Rehabilitation** & Safety Standards for Aging Buildings
- Higher Quality & **Durable** Materials (New Housing Quality)
- Flooding & Storm **Resilience** Standards (Disasters)
- Safety, Comfort, & **Accessibility** Codes (Seniors And ADA)
- Flexible **Rehabilitation**/Adaptive **Reuse** (Downtown Reinvestment)
- **Energy Efficient** Fixtures & Sustainability Standards (Low Energy Costs)
- Permit Review & Inspection **Predictability** (Efficient Processes)
- Staff Input (Building Inspection/Fire Marshal)

**Community Questionnaire, Focus Groups Meetings, Interviews, Community Events*



Builders Forum Report

- ▶ June 9 Builder's Forum- Angleton City Hall
 - Local area builders and developers attended
 - Hosted in person and via Team's call for online viewing and participation
 - Team presented the newly proposed ICC and NEC codes
 - Attendees gave positive feedback on the upgraded codes
 - Many builders in the area are already building to these codes because local areas have adopted them in practice

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Building
Codes
Update**



Surrounding Communities

Angleton

2015

- Alvin 2024
- Pearland 2021
- Manvel 2021
- Katy 2021
- Pattison 2021
- Lake Jackson 2018
- Rosenberg 2018
- Brookshire 2018
- Brazoria County - Single-family
 - No building codes
 - County's flood plain requirement
 - No fire codesMulti-family and non-residential
 - * 2018 Fire Codes
- State of Texas 2018 (For Windstorm certification that is required in Angleton)

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Code Comparison

2018

- Incremental changes
- Incremental improvements in safety and efficiency

2021

- Major updates and changes to construction types and material allowances
- Significant advancement in safety, energy, and technology

2024

- Adequately addresses current trends
- Utilizes previous modernization in construction types and materials to keep pace with changing industry

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Code Update Considerations



Enhanced energy efficiency
& sustainability



Safety: improved
standards protect existing
infrastructure while
planning for growth



Planning for the future of
growth, development, and
resilience.

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Significant Code Changes For Update

- ▶ Uniform code clarity across all Code Sections
- ▶ Improved life safety provisions
- ▶ Electric Vehicle Charging and Battery Storage adequately addressed across all Code Sections
- ▶ Enhanced resiliency standards
- ▶ Stronger energy efficiency requirements
- ▶ Modernized construction practices

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2024 ICC Code Adoption

- Resiliency for Gulf Coast Conditions
- Supporting Economic Development
- Emerging Technologies
- Energy Efficiency and Operating Costs
- Adaptive Reuse and Redevelopment
- Enhanced Life Safety

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Benefits: Resiliency For Gulf Coast Conditions



Updated wind-load and structural requirements



Improved protection from severe weather events



Supports long-term property value and insurability

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Benefits: Insurance Regulations



Texas Department of
Licensing utilizes 2024 ICC
Codes for TWIA insurance

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Benefits: Supporting Economic Development



Better accommodates industrial, commercial and mixed-use projects



Addresses modern building designs and occupancies



Helps Angleton remain competitive for investment

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Benefits: Emerging Technologies



Clear standards for
EV charging
infrastructure



Addresses battery
energy storage
systems



Supports solar and
renewable energy
installations

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Benefits: Energy Efficiency & Operating Costs



Improved building
envelope
performance



Enhancement
mechanical system
efficiency



Lower long-term
operating costs for
owners and
tenants

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Benefits: Adaptive Reuse & Redevelopment



More flexible
pathways for
existing buildings



Encourages
reinvestment in
older properties



Supports
redevelopment of
established
corridors

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Benefits: Enhanced Life Safety



Updated fire
protection
requirements



Improved egress
and occupant
safety provisions



Protects residents,
employees, and
visitors

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Benefits: How Does This Affect Angleton?



Better
enforcement
clarity and
standards



Improved public safety
requirements
particularly in electric
vehicle charging and
battery storage uses



Leading industry
standard regulations
for development,
sustainability, and future
growth

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Questions?

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