

**BUILDING
CODE
UPDATE**



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.



2015: Foundation and Clarification

2018: Refinement and Expansion

2021: Transformation and
Innovation

2024: Resilience and
Modernization

PROGRESSION OF CODE UPDATES

INCREMENTAL
IMPROVEMENTS
IN SAFETY AND
EFFICIENCY

2015 v 2018
Highlights



Significant Changes

- ▶ Improved life safety provisions
- ▶ Greater precision in hazard design
- ▶ Expanded recognition of modern uses
- ▶ Incremental energy efficiency standards

How does this affect Angleton?



Better enforcement
clarity than the 2015
Code year cycle



Improved public
safety over
the earlier Code
cycle



Future-ready
infrastructure
standards

Slide 6

LW1

I need an assist on the Impact slide for each cycle—the notes I got all had the same 4 points. Or we can summarize at the end all at once?

Laura Waller, 2026-04-30T22:23:34.837



ADVANCEMENTS IN
SAFETY, ENERGY,
AND TECHNOLOGY



2015 v 2021
Highlights



Significant Changes

- ▶ Improved life safety provisions
- ▶ Adaptation to modern occupancy types
- ▶ Significant energy efficiency gains
- ▶ Innovation in construction materials and types

How does this affect Angleton?



Improved
enforcement
clarity



Improved
public safety



Enables new
construction
types



Continues to
modernize
codes for real-
world building
trends

Slide 9

LW1

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Modernization
of codes



2015 v 2024
Highlights



Significant Changes

- ▶ 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

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

Slide 12

LW1

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Code Years Summary

2018

- Incremental changes
- Incremental improvements in safety and efficiency

2021

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

2024

- Adequately addresses current trends
- Utilizes previous modernization in construction types and material allowances to keep pace with an ever-changing industry



Next Steps

Public Hearing & Adoption of
Ordinance transitioning to Code
Cycle 2024