efi global

Craig M Chonko, PE| Principal Engineer

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Professional Summary:

Mr. Craig M Chonko is a licensed Professional Engineer in multiple jurisdictions as well as a Haag certified inspector. Mr. Chonko has been a Senior Forensic Engineer for EFI since February 2020 and investigated hundreds of properties. Mr. Chonko is well-versed in damage assessments of structures due to various kinds of effects including storm-related damage, vehicle impacts, cause and origin, code compliance, and the like. His work frequently includes investigations of peril due to hurricanes, tornadoes, fire, tree/vehicle impact, and construction defects among others.

Mr. Chonko's expertise includes:

- Foundation damage assessments
- Structural fire damage assessments
- In-ground pool forensic investigations
- Tornado impact damage assessments of structures
- Hail and wind damage assessments to residential, commercial, and industrial buildings for steep and low sloped roofing systems/building envelopes
- Water intrusion into buildings investigation and assessment; cause and origin
- Indoor floor damage assessments (buckling, cupping, crowning, etc.); water exposure cause and origin
- Vehicle impact damage to structures forensic evaluation
- EIFS/stucco wall damage/distress forensic evaluation
- Concrete pavement/flatwork inspections
- Tree, vehicle, etc. impact damage to structures assessments
- Retaining wall forensic investigations

Prior to joining EFI, Mr. Chonko had been a land development and public works engineer for fifteen years. He has helped produce and develop over one hundred projects ranging in size and type from 10-foot diameter pipelines, a 45-acre football stadium, water master planning to individual residential lot designs, 6-Inch diameter pipelines, and small permitting projects. Mr. Chonko is an expert in both land development and public works projects with specific expertise that include the following:

- Texas Accessibility Standards (TAS)
- Public Right-of-Way Accessibility Guidelines (PROWAG)
- Integrated Stormwater Management (iSWM) and Stormwater Detention Facilities
- Utility Design including Water, Wastewater, Storm Sewer, and Roadways
- Erosion Control
- Water and Wastewater City Master Planning
- Large Diameter Pipeline Design
- Entitlement Analysis and Permitting

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Licenses and Certifications:

Professional Engineer (Additional states available upon application):

Texas, 109788
Louisiana, 44580
Kansas, PE31787
Oklahoma, 31891
Arkansas, 19600

Advanced Roofing Certification, EFI (Originally obtained May 27, 2025)

Haag Certified Inspector (Originally obtained December 6, 2023)

Project Experience:

The sample projects here outline a small sampling of the types of projects and losses Mr. Chonko regularly investigates. For further information or additional examples, please contact EFI Global.

Three-Story Multi-Family Apartment, Arlington, Texas
Structural Fire Investigation and Damage Assessment
Assessed the structural damage to the apartment determining scope of work/repair. A scope of work/repair was determined that did not require demolition of the entire structure.

One-Story Commercial Building, Richardson, Texas
Plumbing Leak Related Foundation Damage Assessment
Investigated to determine the relationship (if one existed) between an identified plumbing leak and reported differential foundation movement and associated distress. EFI determined that the differential foundation movement was unrelated to the plumbing leak. The foundation movement was a combination of factors primarily negative drainage and consolidation of subgrade soils.

Concrete Parking Lot, Dallas, Texas
Plumbing Leak Damage Assessment
Evaluated the proposed repairs from a third party. Assessed the condition of the concrete parking lot as it related to potential movement from a large quantity of water exposure to the subgrade. EFI determined that the scope of repairs far exceeded the extent of the damage caused by the leak.

In-Ground Pool, Forney, Texas
Vertical Displacement Assessment Cause and Origin
Investigated the cause and origin of a pool that vertically displaced out of the ground. EFI determined that a combination of factors resulted in the damage to the pool including initially unreported construction work performed years prior to the date of loss. Historical researched information and follow through interviews were critical in determining the order of events that invariably resulted in the damage.

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Project Experience (Continued):

Flooded Residence, Norman, Oklahoma
Cause and Origin of Flooding
Investigated the flooding of a residence in proximity to construction work. The claimant reported the house was flooded due to drainage work at the rear of the subject property. EFI determined the contractor's work resulted in the flooding due to an inadvertent hydraulic jump caused unintentionally in combination with unfortunate timing of a significant rainstorm event.

Roof Damage Investigation, Terrell, Texas
Hail and Wind Assessment
Investigated whether hail and wind effects were causally responsible for reported damage to the Ethylene Propylene Diene Monomer (EPDM) membrane. EFI determined the water damage interior to the structure was unrelated to a hail or wind event and had been a repeated, on-going issue at the property due to inadequate maintenance and repair.

Professional Experience:

EFI Global, Principal Engineer (current title), 2020-present

Teague Nall and Perkins, Project Manager, 2017-2020

Bury and Stantec, Senior Project Engineer, 2011-2017

Criado & Associates, Inc., Project Engineer, 2009-2011

Kimley-Horn & Associates, Inc., Project Analyst, 2007-2009

CNA, Inc., Project Engineer, 2005-2007

Formal Education:

Bachelor of Science, Civil and Environmental Engineering with a Concentration in Structures, The University of Michigan, Ann Arbor, MI, 2005

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Specialized Education/Training:

What's Wrong with My Stucco and How Can I Repair It?, WJE, 2026

Introduction to Builders Risk Insurance, Vale Training, 2026

Assessing Damage to Window & Skylight Systems, Haag Education, LLC, 2026

Unsealed Asphalt Shingles, Haag Education, LLC, 2026

Advanced Foundations, Haag Education, LLC, 2026

Swimming Pools – Construction Basics, Haag Education, LLC, 2026

Engineering Ethics, LAPELS, 2025

Plumbing Testing and Results, Herndon McFarland Investigative Plumbing, Inc., 2025

Texas ASCE Guidelines for the Evaluation and Repair of Residential Foundation, 2025

The Scientific Method Laws and Regulations, 2024

Texas Engineering Practice Act and Board Rules (Ethics), 2024

Lithium-Ion Battery Fires, EFI Global, Inc., 2024

Haag Certified Inspector – Residential, 2023

Post-Fire Structural Evaluation, EFI Global, Inc., 2023

Concrete Distress and Deterioration – Symptoms and Causes, Tomas Orihuela, PE, 2023

SPF Roofing Storm Damage and Repair Assessments, 2023

Freeze Protection of Fire Sprinkler Systems, PDH Engineers, 2022

It's Not Always a Leak, PDH Engineers, 2022

Humidity and HVAC cases, 2022

An Introduction to Roofing Systems, PDH Engineers, 2022

Built-Up Roofs Damage Assessment, Haag Education, LLC, 2021

Composition, Wood and Tile Roofs Damage Assessment, Haag Education, LLC, 2021

Single-Ply Roofs Damage Assessment, Haag Education, LLC, 2020

Metal Roofs Damage Assessment, Haag Education, LLC, 2020

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