



NORTH CAROLINA

Department of Transportation



2018 Geotechnical Workshop: Investigation

Cheryl A. Youngblood, LG, CPG

Christina M. Bruinsma, LG

Mike Whalen

John R. McCray

June 27, 2018

Critical Management Personnel

Contracts

Central Region

Division 7 & 8

Cheryl A. Youngblood, LG, CPG

Contract Managers

Christina Bruinsma, LG

Michael Whalen

John R. McCray

Pavement Investigation and Design (Statewide)

Jeff Barfield, LG

Eastern Region

Division 1 – 6

Neil Roberson, LG

Dean Argenbright, LG

Greenville Field Office

Tyler Bottoms, LG

Raleigh Field Office

Jaime Love, LG

Western Region

Division 9 – 14

Kevin Miller, PG

Jody Kuhne, LG, PE

Harrisburg Field Office

Eddie Beverly

Asheville Field Office

Matt Mullen, PE

Clay Elliott, LG

Critical Design Personnel

Central Region

Division 7 & 8

Mohammed Mulla, PE, CPM

Chris Chen, PE, PhD

David Teague, PE

Greg Bodenheimer, PE

Eastern Region

Division 1 – 6

Chris Kreider, PE

James R. Batts, PE

Jinyoung Park, PE

Thein Zan, PE

Western Region

Division 9 – 14

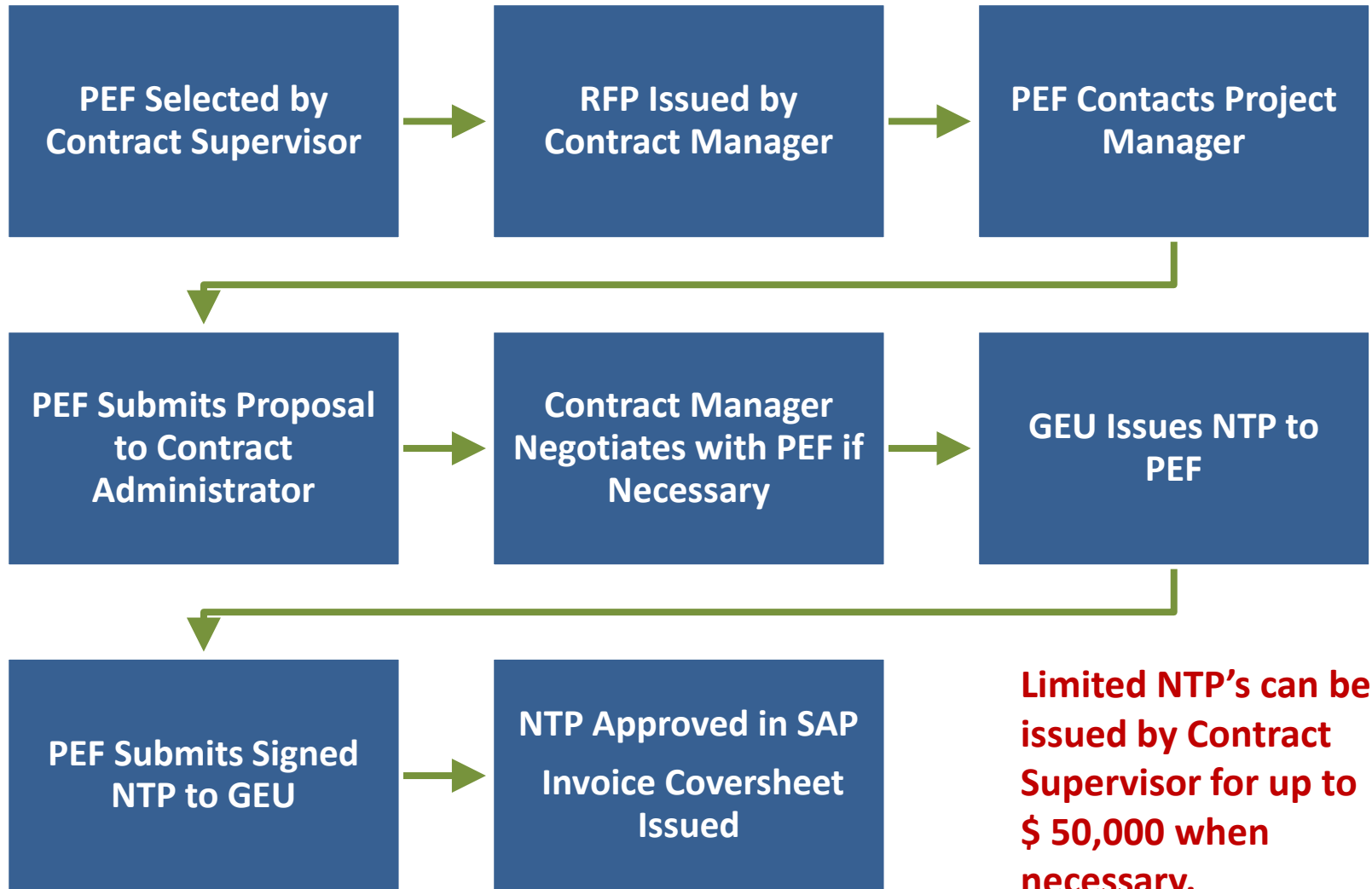
Eric Williams, PE

Shane Clark, PE

Shipping Yang, PE

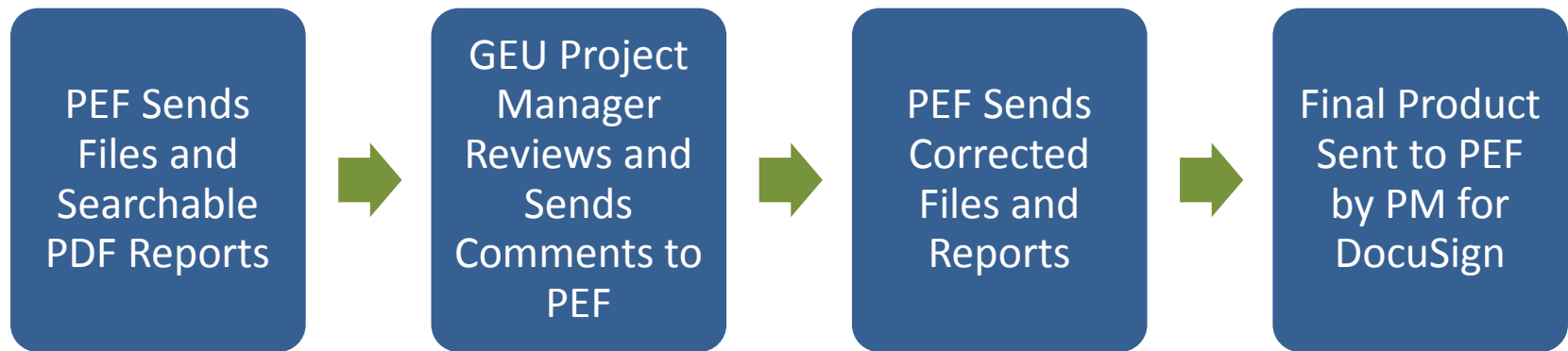
Michael Stephens, PE

GEU Limited Service Contract NTP Process



Limited NTP's can be issued by Contract Supervisor for up to \$ 50,000 when necessary.

GEU Review Process



GEU will be transitioning to SharePoint and ProjectWise for product submittal in the near future. PEF critical personnel will need an NCID login for access, and will receive permissions to appropriate Project site and files.

<https://connect.ncdot.gov/Pages/default.aspx> (Connect NCDOT, SharePoint)

GEU Contractual Topics

Contractual Submittals

- Proposal Submittal Deadlines
- Proposal Documentation
- Weekly Project Status
- Invoice Submittals

Estimate Items

- GPS Units - Rental vs. Owned Equipment
- NCDOT Tax Exemption
- Prequalification and Discipline Codes

Project Management and Investigation Topics

Project Management

- Update Workspace Weekly
- Communication Expectations
- Product Submittals

Investigation

- Hammer Calibrations
- SPT Drive Intervals
- Field Professionals

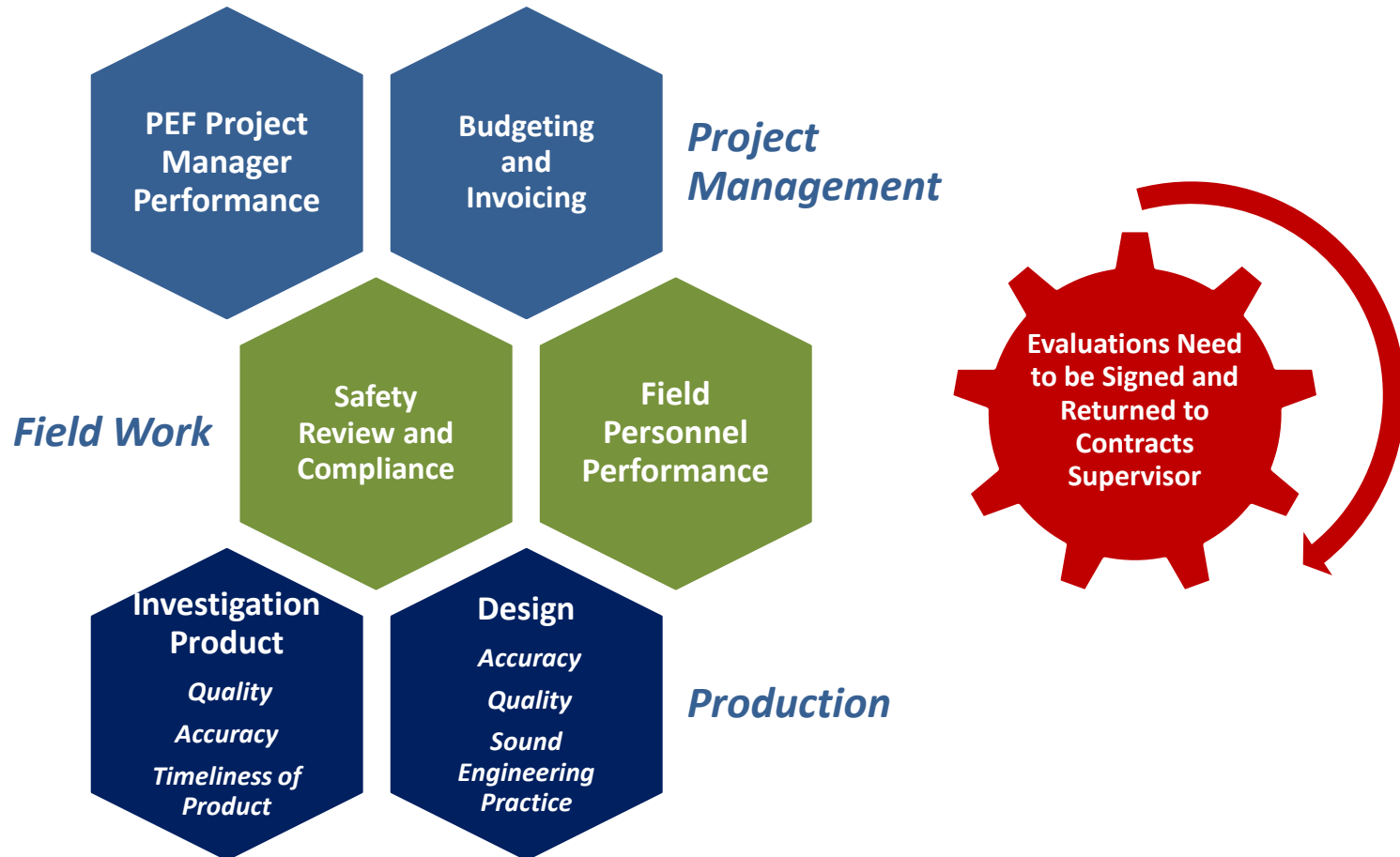
CADD



**Department will be transitioning to Open Roads Design in 2019.
How To's for Geotechnical work will be updated at that time.**

<http://www.nclug.com/summer-conference-2018.html>

Evaluations



Will be transitioning to NCDOT evaluation system in the future based on Lean Six Sigma Team recommendations.

Round Table Discussion



Proposed Certification:
Field Professional

- Field Professional Manual
- Submittal of resume and sample boring logs
- Training class and certification test
- Site Visit for soil boring and rock coring assessment
- Issuance of certification documentation and maintaining of database of qualified personnel

Reviewing Pennsylvania DOT Certified Drilling Inspector requirements/system as a model.

<http://www.dot.state.pa.us/public/pubsforms/Publications/PUB%20222.pdf>

Field Professional Assessment: The 3P's

