



# **NORTH CAROLINA**

Department of Transportation



## Technical Services Division

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May 9, 2018

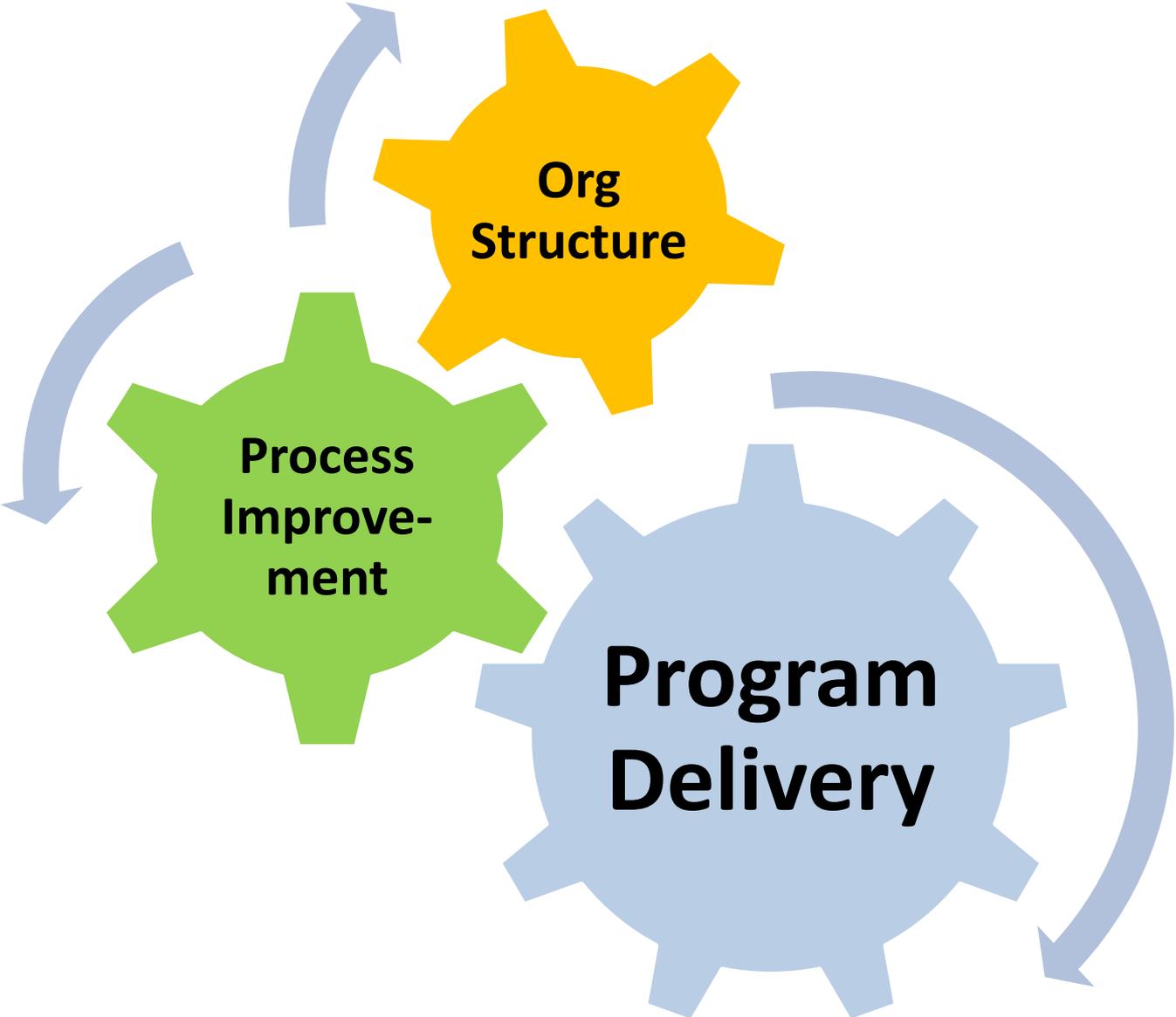
# Point of disruption...

The push:

- National desire to deliver projects quicker
- Increased expectations of NCDOT outsourcing
- Reduction through reorganization
- Secretary's timeline expectations for project delivery

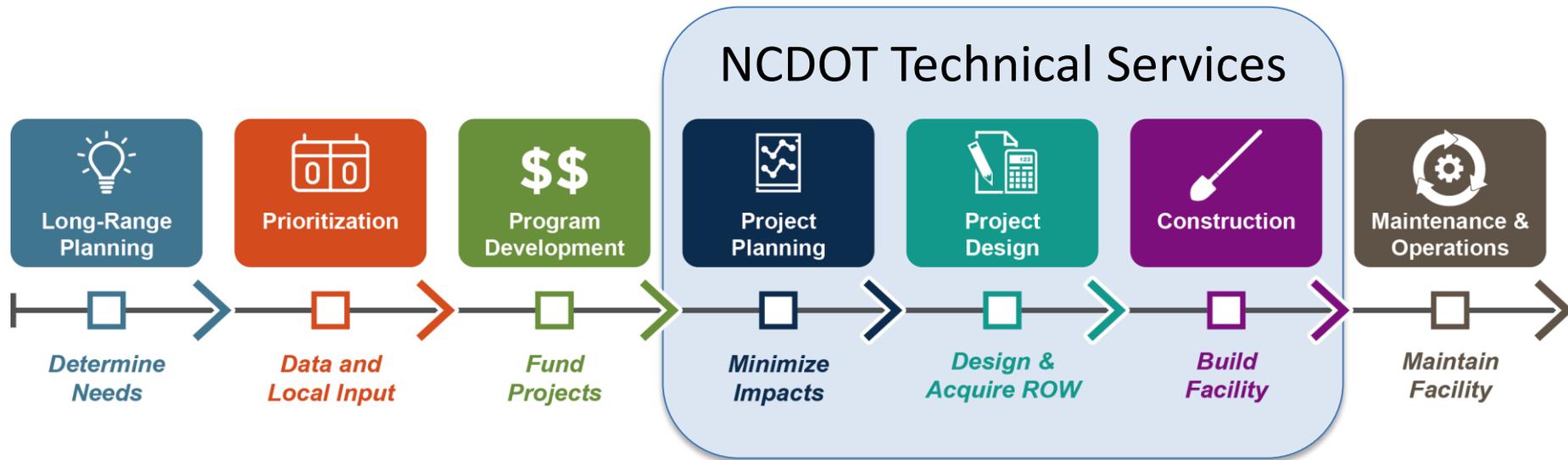
The outcome:

- Change in cross section of projects require process, policy, and technology changes...equals more projects being delivered, faster
- NCDOT performs less production and more oversight and advising/decision making
- Critical thinking...what needs to be completed for each project to meet state and federal regulations
- What makes sense!





# Solving Program Delivery



# Project Development



**Project Managers (Division & Central)**  
 (Constant communication, coordination, and reporting)

Programming

Contracting

Roadway  
Design

Mapping

Structures

Right of  
Way

Stakeholder  
Engagement

Scoping

Environmental

Hydraulics

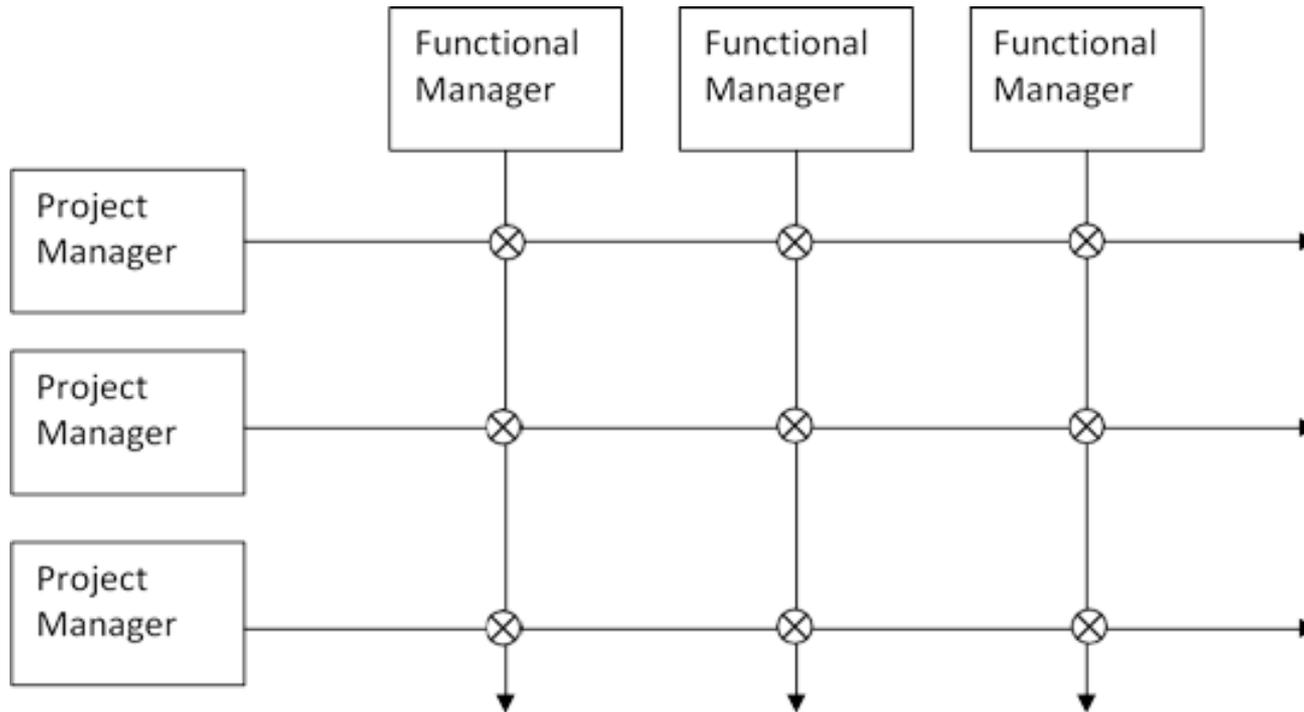
Geotechnical  
Engineering

Utilities

Traffic

Construction

# Project Management Unit



- Not technical, not doing the work
- Technical Unit Heads = Functional Manager
- “Pushing tin” – scope, schedule, budget, quality

# Environmental Policy Unit

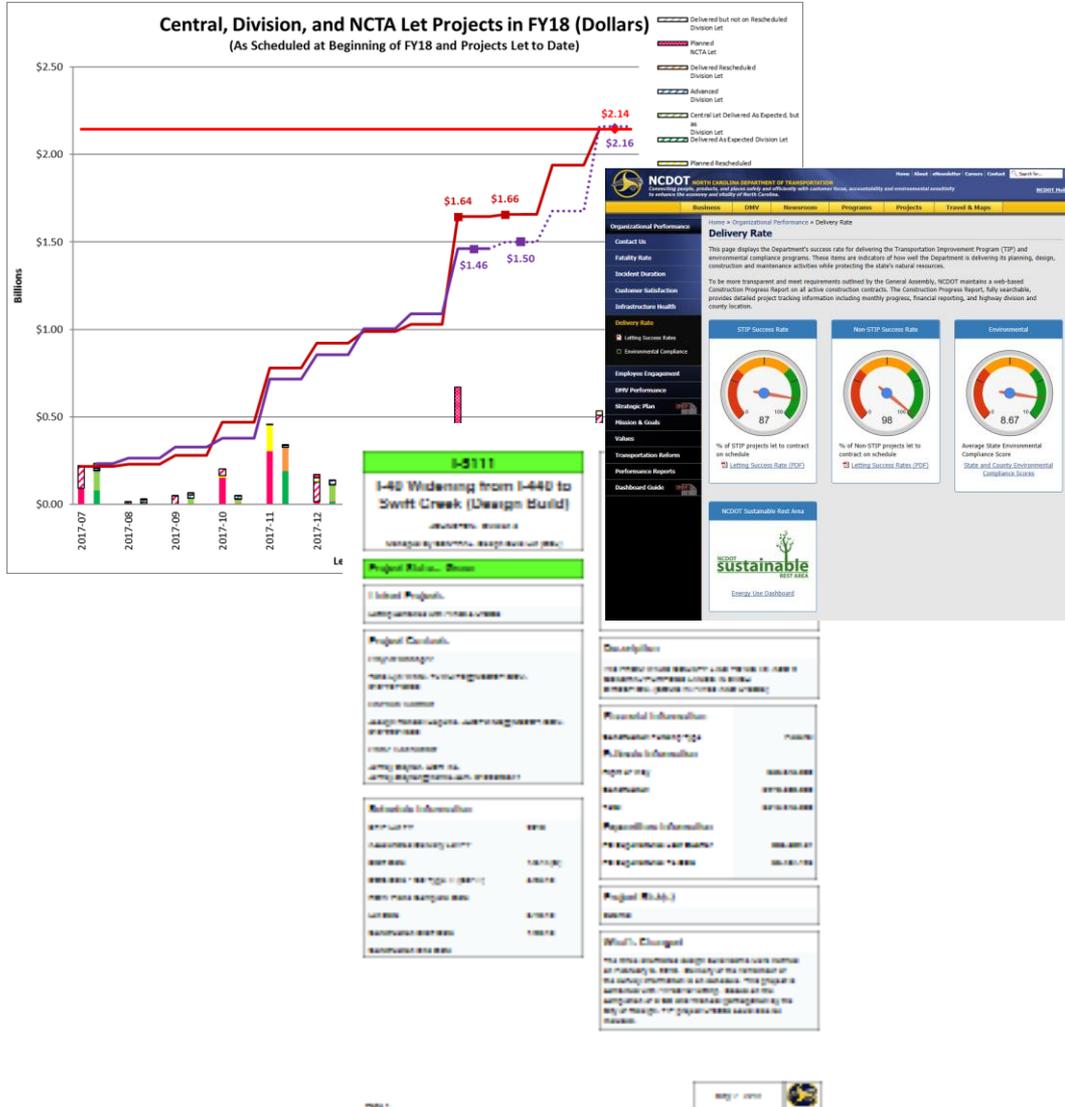
To better support our Project Managers, Technical Units, consultants and resource agencies

- Policy focus for NEPA/ SEPA process
- Internal NEPA/SEPA consultant for all modes (Rail, Aviation, Transit, Highway)
- Advisor for planning documents, permit coordination meetings, and overall planning process
- Changes in federal and state regulations
- Integration of best practices
- Consistent application of policies across the program
- Implementation of 12-24-36 mandate

# Contract Administration

- PEF Rates
  - Consultant Rate Schedule System
  - More straightforward and efficient
- Improved negotiation process
  - Use of mandays and distribution of work across discipline type and level
  - Use of industry rates
- Procurement
  - Limited Notice to Proceed to get projects started
  - Simplifying contract language
  - Utilization of DocuSign

# Oversight and Controls



- Internal
  - Focus on program delivery
  - Constant status review – scope, schedule and budget
  - Opportunity to accelerate projects
  - Involvement at all levels
  - Systematic
- External
  - Legislative requirements

# Other Initiatives – Leave no stone unturned

