



NORTH CAROLINA

Department of Transportation



2019 CAPA / NCDOT Asphalt Pavement Workshop

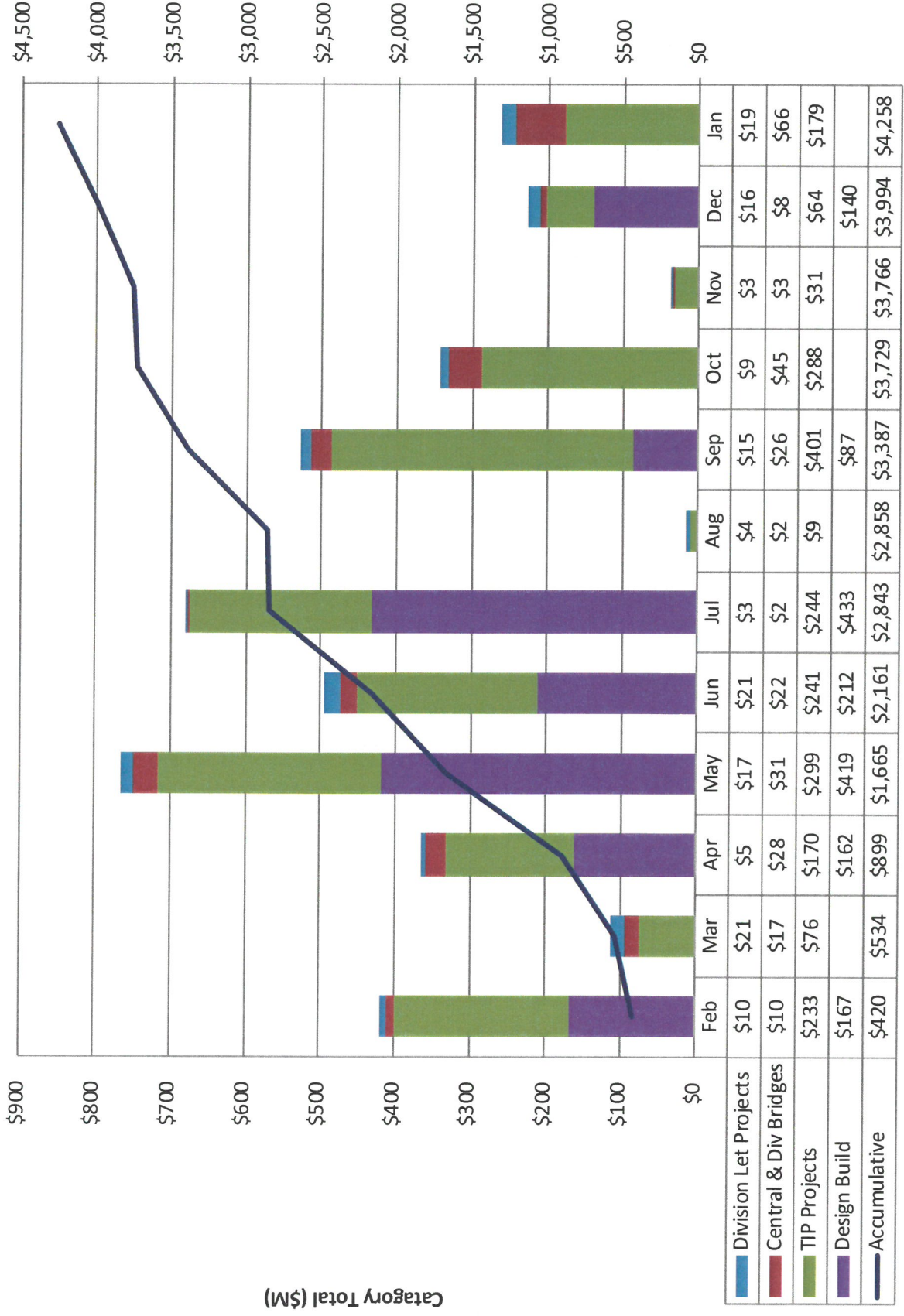
Tim Little, PE
NCDOT Chief Engineer

February 22, 2019

NCDOT's Paving Program for FY 2020 (Statewide Totals)

Program	Estimated Costs	Planned Lane Miles
Preservation	\$85,621,053	5,497
Resurfacing	\$496,982,335	5,824

Twelve Month Project - Contract Value by \$ (Feb '19 – Jan '20)



Program Delivery – Expectations

- Safety is our top priority.
- Work Together
- High Quality Projects
- On time or Early Completion
- Minimize Impacts to the Travelling Public

Safety

- From 2003 – 2015, 1,571 road construction workers lost their lives, averaging about 120 per year.
- Watch out for each other.
- Be mindful of distracted drivers.
- Analyze job site hazards.
- Continually reassess hazards throughout the day's operations.

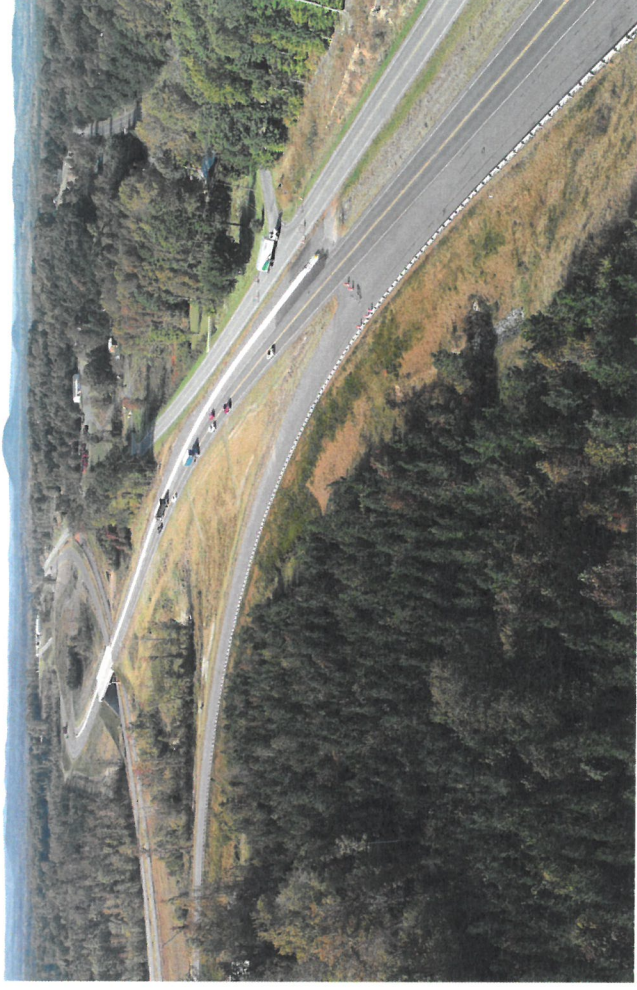


Safety Focus

- Slips, Trips and Falls make up the highest percentage of employee injuries.
 - Check walking surface conditions for loose material, especially when entering or exiting vehicles and equipment
 - Monitor surfaces as conditions change due to weather and other conditions.

US 64 and NC Zoo Connector in Division 8

- 14.6 Miles of controlled access roadway
- 1.8 Mile NC Zoo Connector
- 6 Interchanges
- 7 Grade Crossings
- 23 Bridges
- Aesthetics



US 64 and NC Zoo Connector in Division 8

- Awarded June 2015
- Bid Amount = \$244,350,000
- Randolph County Resident Engineer's Office
- **Asheboro Bypass Constructors, LLC**
 - Design / Utility Coordination: **RK&K**
 - Construction: **Joint Venture**
with **APAC Thompson –**
Arthur Division and Wright
Brothers



US 64 and NC Zoo Connector Project Quantities

- 500,000 tons of stone
base
- 700,000 tons of asphalt
- 50,000 cubic yards of
concrete

Stone = 100,000 Elephants
Asphalt = 140,000 Elephants

Asphalt = A line of
Elephants stretching
397 miles long



Average Elephant = 5 Tons & 15' long

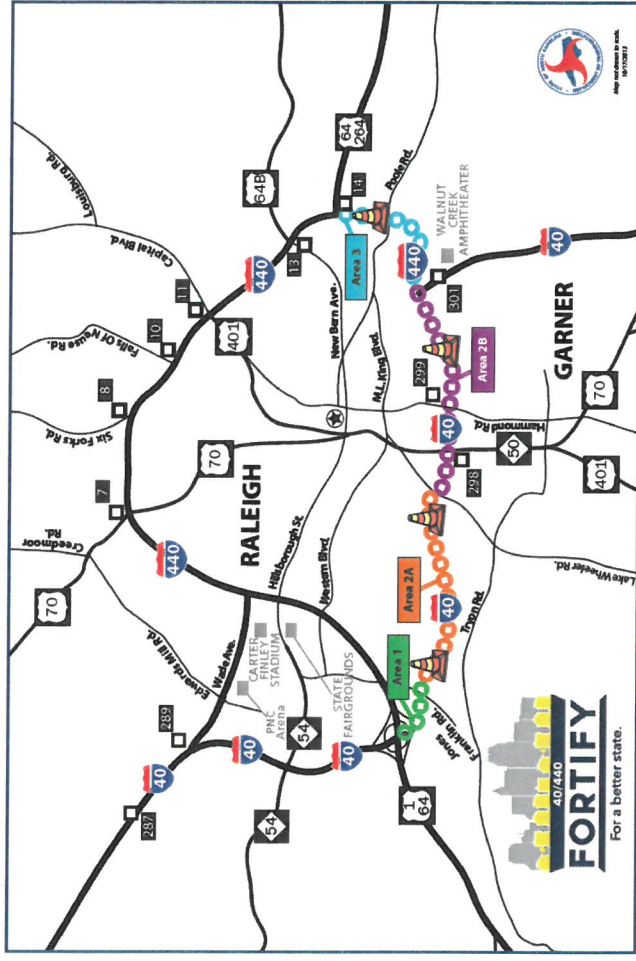
Minimizing Impacts to the Public – I-40/I-85 Resurfacing with Friction Course

- Division 7 – Graham and Greensboro Resident Engineer Offices
- APAC Thompson – Arthur Division

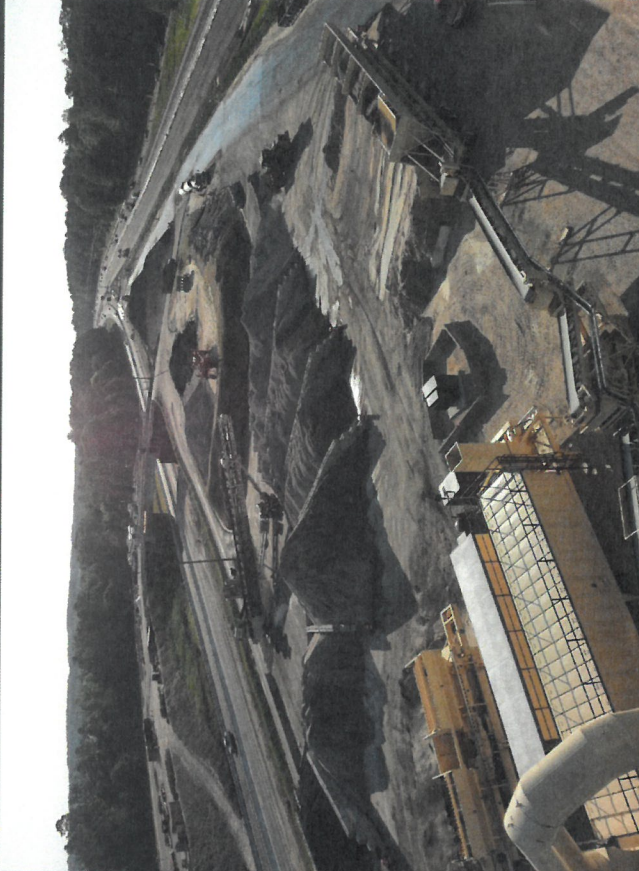


I-40/440 Design-Build in Division 5 (Fortify)

- Division 5, District Drive Resident Engineer's Office
- The Design-Build Team:
 - Construction: Granite Construction Company
 - Design: RS&H









Challenge – Working Together

- Plan the work and communicate the plan.
- Promptly respond to each other.
- Develop an escalation plan.



Challenge – Working Together

- Communication is key.
- Work together to solve project issues.
- Minimize impacts to the Public
- Look for ways to improve





Thank you.