



NORTH CAROLINA

Department of Transportation



House Transportation Committee

Bobby Lewis, Chief Operating Officer
Tim Little, Chief Engineer

June 16, 2020

Overview

- Challenges with reactive maintenance activities
 - Storms
 - Routine Maintenance
- 2019 Planned Actions
- Division of Highway Changes
 - Process improvements with allocations
 - Tracking spending through dashboards
 - Expanding modeling to Operations and Maintenance Programs
- SFY 2020 Spend Plan
 - Plan vs Actual
- Financial Oversight

Comparison of NCDOT spending: GM&R stands out

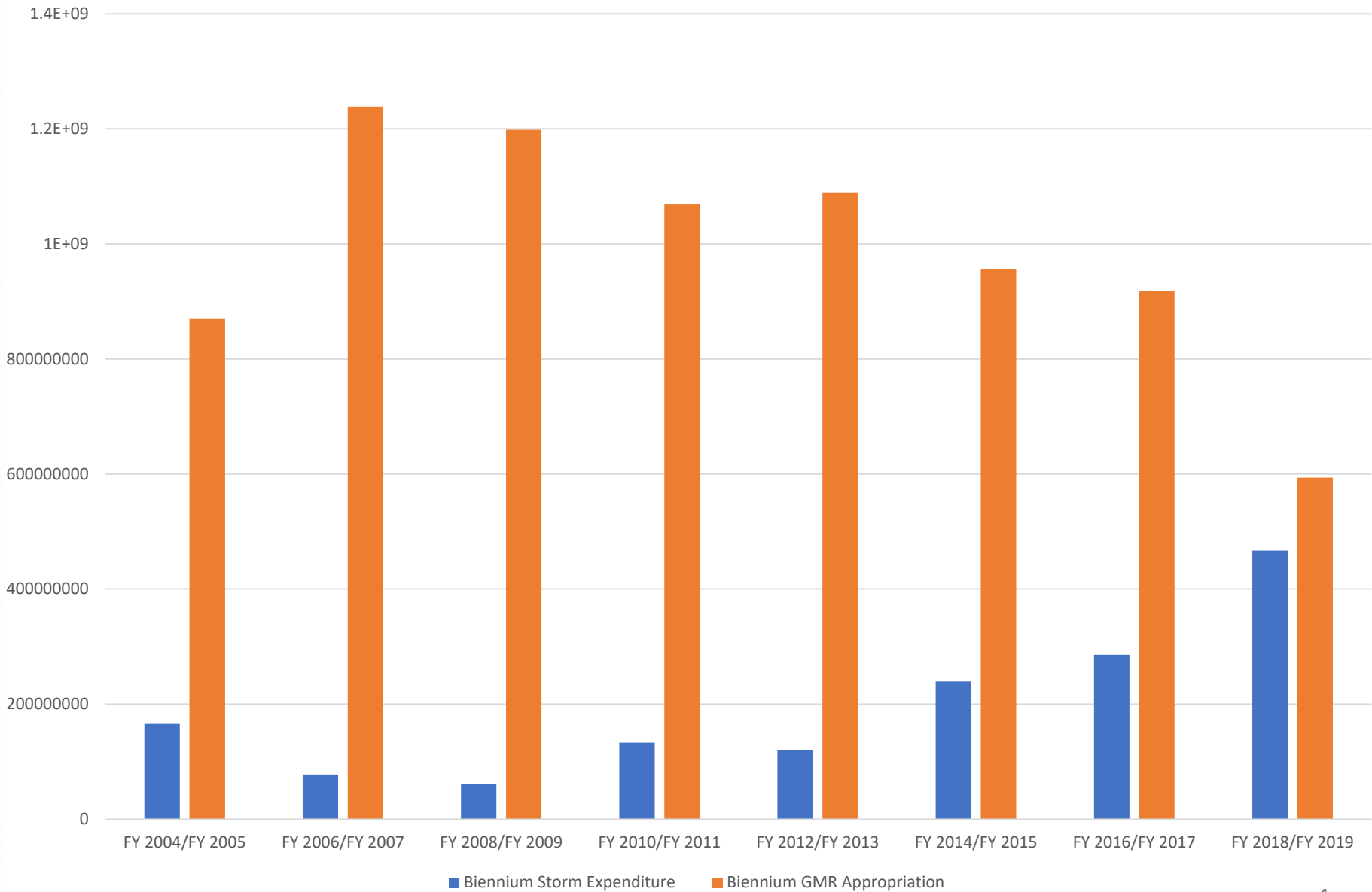
Cumulative FY 2003-2019 amounts	Approp' s	Expenditures	Unexpended Balance
Capital Program (STIP)	\$34,305m	\$33,273m	+ \$1,031m
Ferry, Rail, Aviation, Transit	\$ 2,896m	\$ 2,832m	+ \$ 64m
Programmatic Maintenance	\$ 8,836m	\$ 8,660m	+ \$ 175m
General Maintenance and Reserves	\$ 9,029m	\$ 9,699m	- \$ 669m
SUBTOTAL	\$55,067m	\$54,465m	+ % 602m
less GARVEE debt service reserve			- \$ 132m
TOTAL UNEXPENDED or CASH BALANCE			+ \$ 470m

Note: programmatic maintenance includes contract resurfacing, pavement preservation, bridge program, bridge preservation, roadside environmental

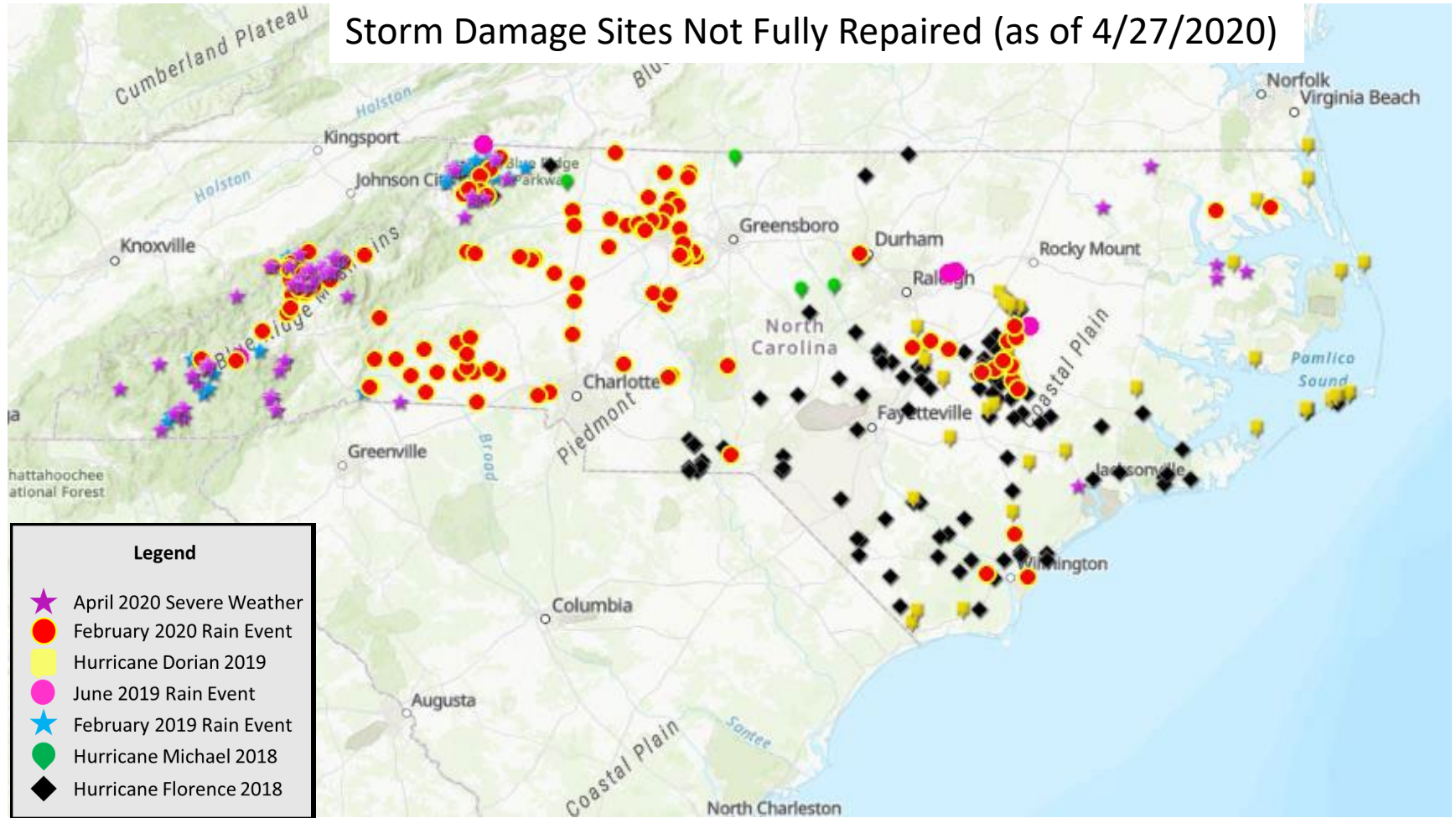
Note: the above table doesn't include the smaller accounts (Contingency, Spot Safety, Secondary Road, etc.)

- Storm costs were **\$667M** from FY17 through FY19

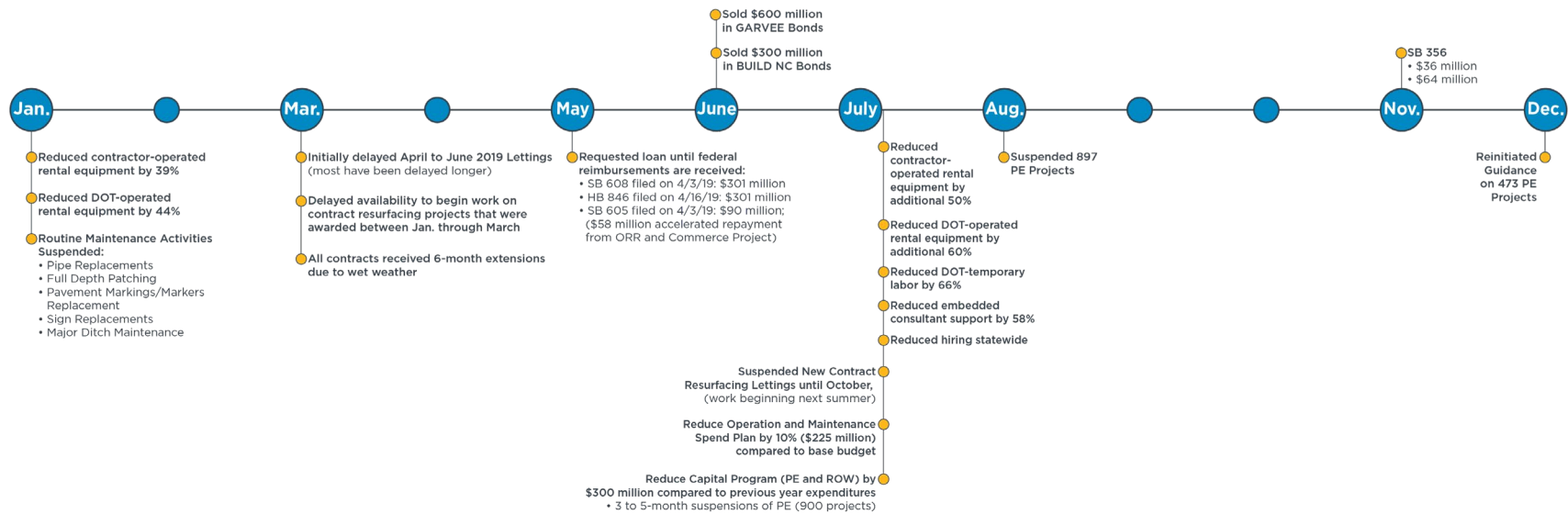
Biennium GMR Appropriations vs Storm Expenditures



Storm Damage Sites Not Fully Repaired (as of 4/27/2020)



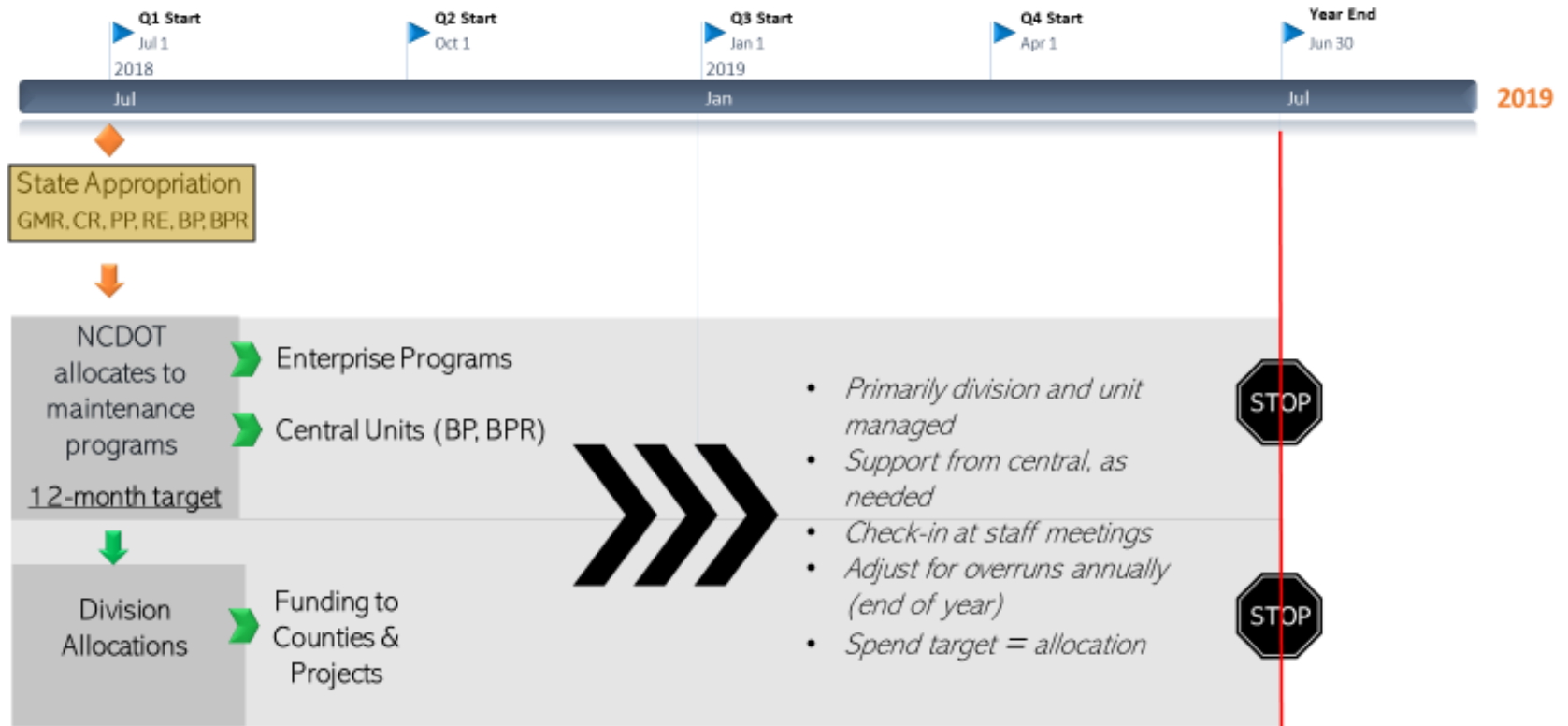
2019 Planned Actions



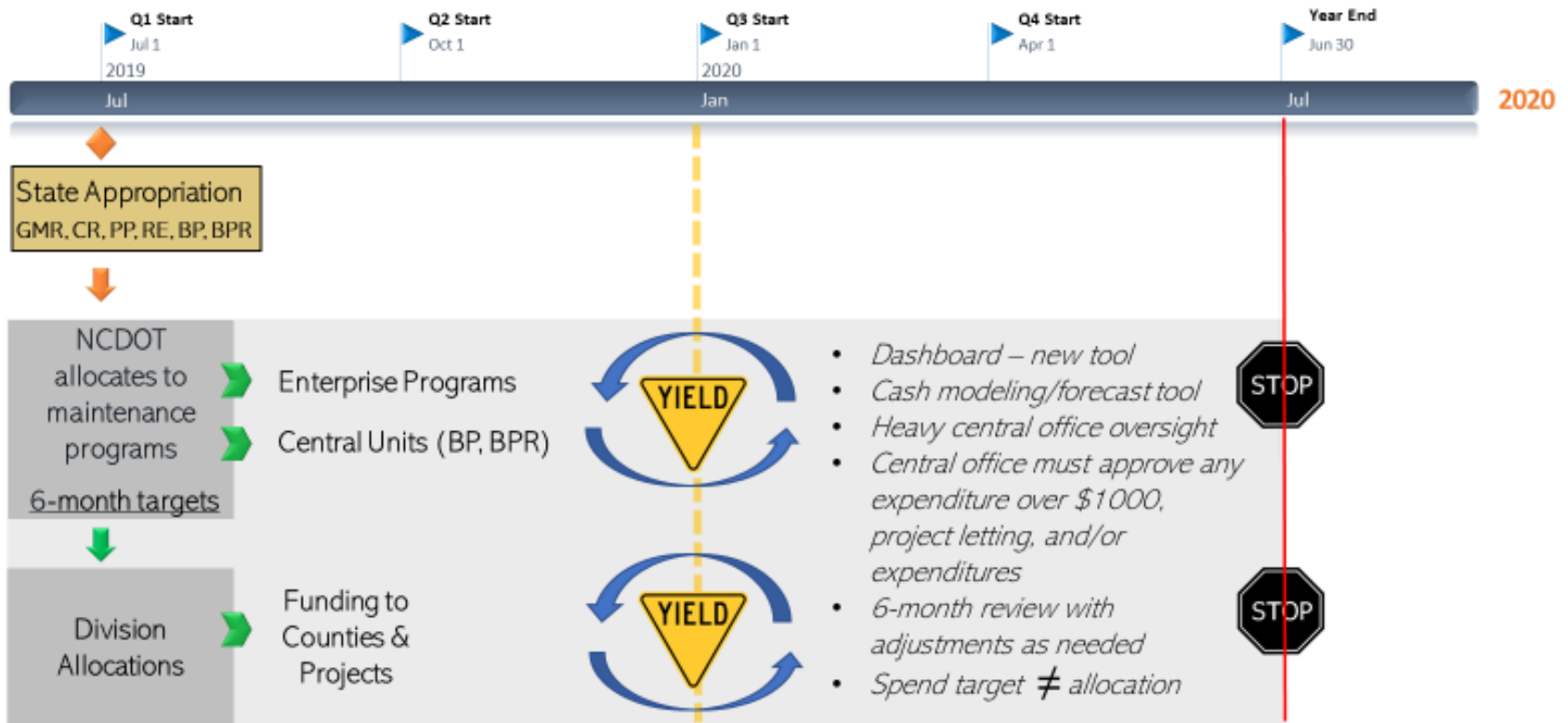
Division of Highways Changes

- Distribution of funds every 6 months instead of annually
- Divisions must stay within spend plan in each month
- Created dashboards for Divisions to track spend vs. allocations and targets
- Divisions update spend projections quarterly
- Chief Engineer's office approve all expenditures greater than \$1000
- CFO participate in monthly Division Engineer meetings

Former Maintenance Allocation Process FY19 and Prior



Current Maintenance Allocation Process FY20 - Present



Overall Division Spend Dashboard



DOH Spend Plan - Target planned costs compared to actual costs

Fiscal Year: 2020 As of: 5/26/20
Plan Version: Target

Basic Analysis Extended Analysis

% Spent

92 %

Plan (\$M)

\$ 1,272

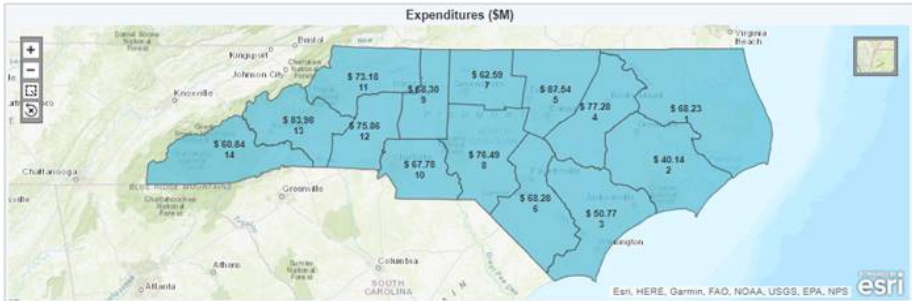
Division Plan: \$ 800.92

Expenditures (\$M)

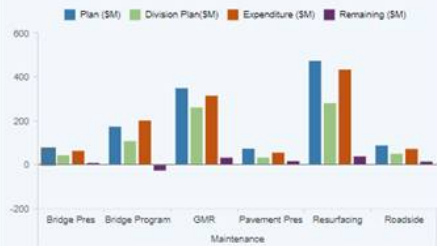
\$ 1,170

Remaining (\$M)

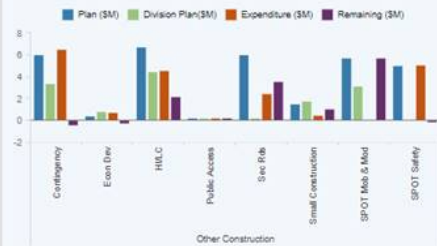
\$ 101



Maintenance



Other Construction



Distribution by Month



Single Division Spend Dashboard



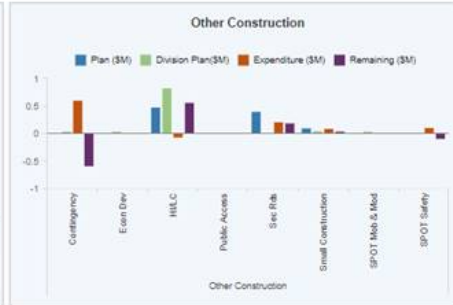
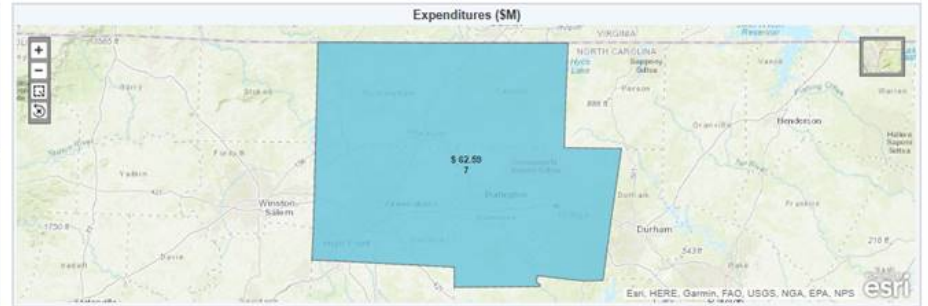
DOH Spend Plan - Target planned costs compared to actual costs



Basic Analysis Extended Analysis

Fiscal Year: 2020 As of: 5/26/20
Plan Version: Target

Division (1)
Construction (7)



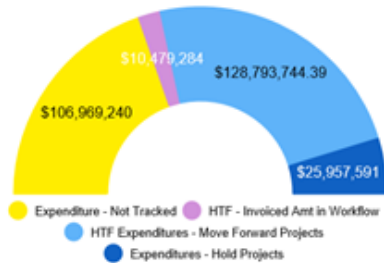


Preliminary Engineering DASHBOARD

Project Initiation Status -based on published list

STATUS	COUNT
INITIATED SEPT-DEC	78
JANUARY 2020	154
TENTATIVE - FEBRUARY	63
TENTATIVE - MARCH	7
TENTATIVE - APRIL	61
TENTATIVE - MAY	110
TOTAL FY2020	473
NOT IN FIRST 5 YEAR LET	397
GRAND TOTAL	870

PE Expenditures To-Date - FY 2020



TOTAL EXPENDITURE (ACTUAL)

\$273,111,025
PE Expenditure - Total (Based on BO)

\$10,479,284
Invoiced Amount in Workflow

\$283,590,309
Total PE Expenditures (Includes Invoices in Workflow)

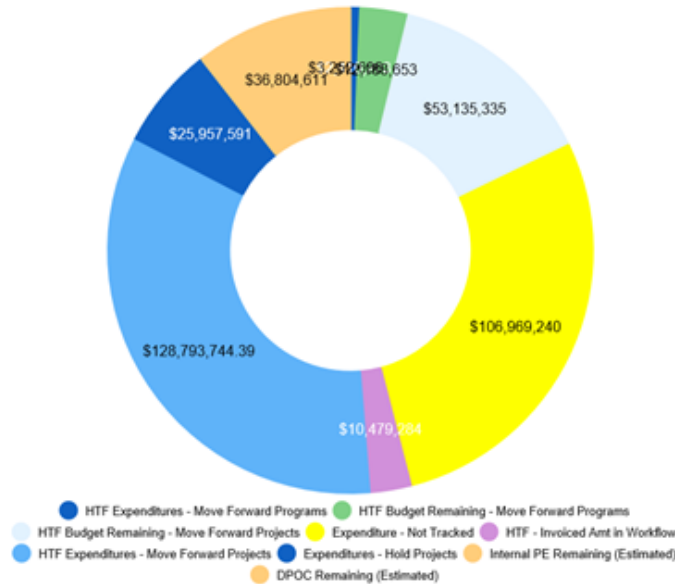
TOTAL EXPENDITURE (ACTUAL & PROJECTED)

\$379,991,297
Gross

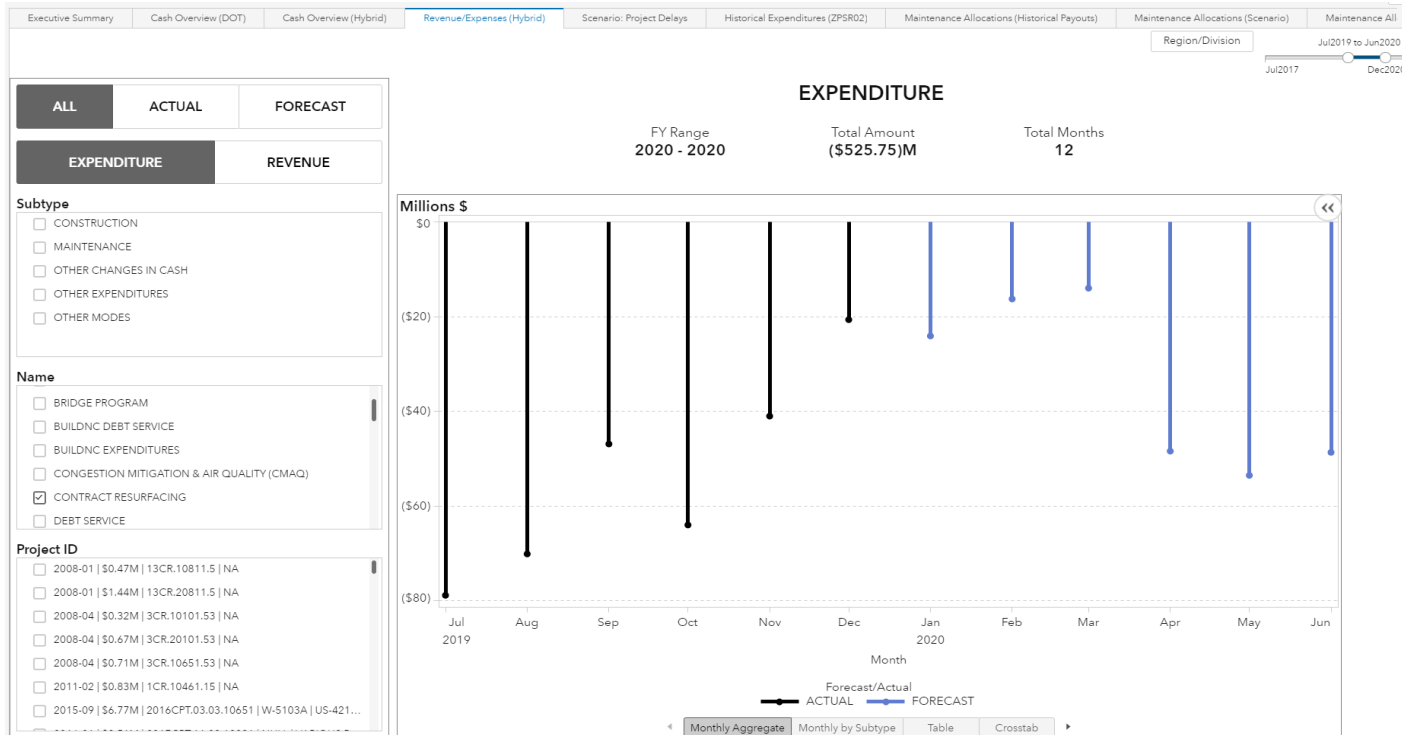
*Includes PE invoice amounts in workflow

*Internal PE often is distributed across active projects and therefore "untracked" expenditures covers internal PE expenditures and DPOC expenditures.

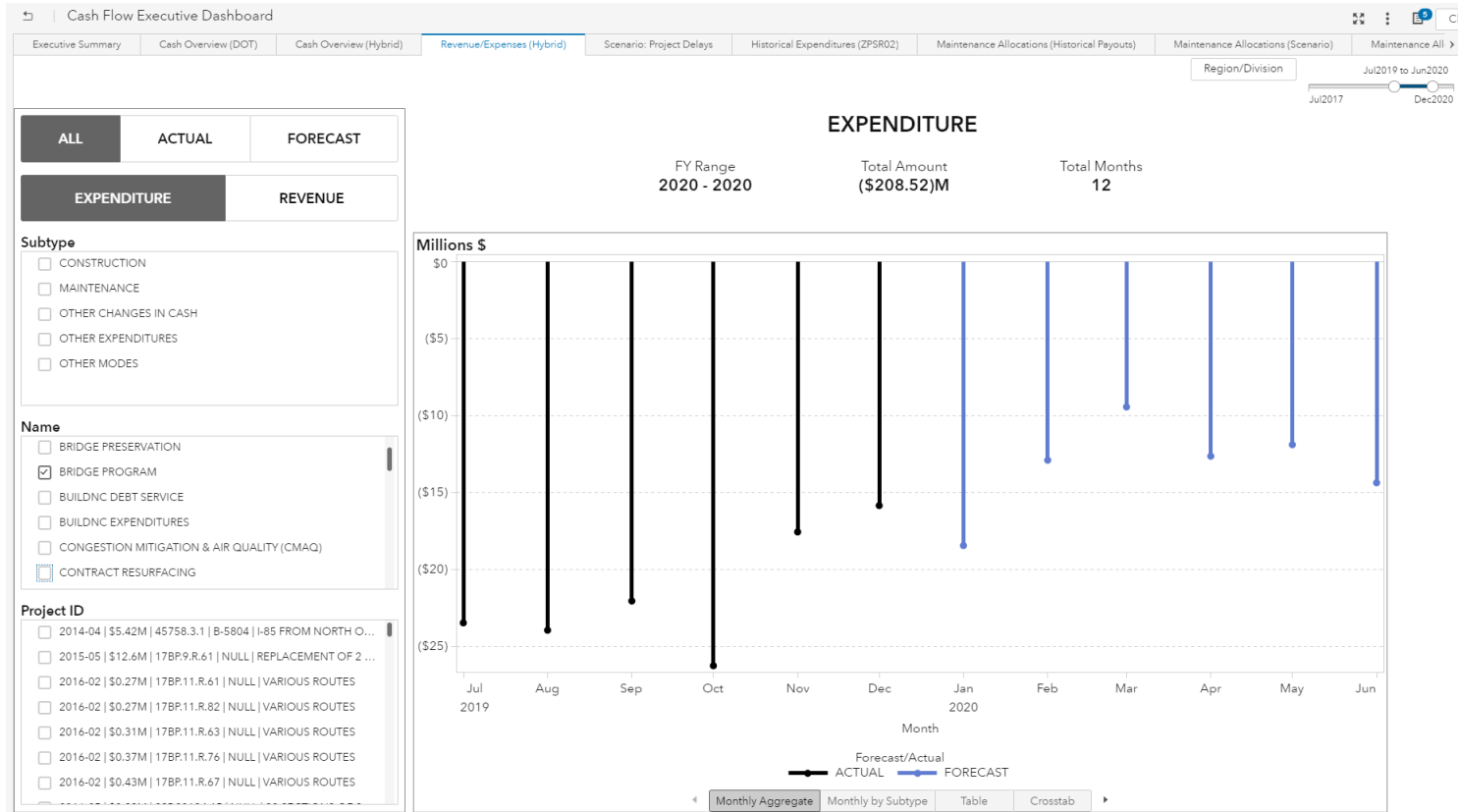
PE Expenditures & Projections - FY2020



Contract Resurfacing Forecasting



Bridge Replacement Forecasting



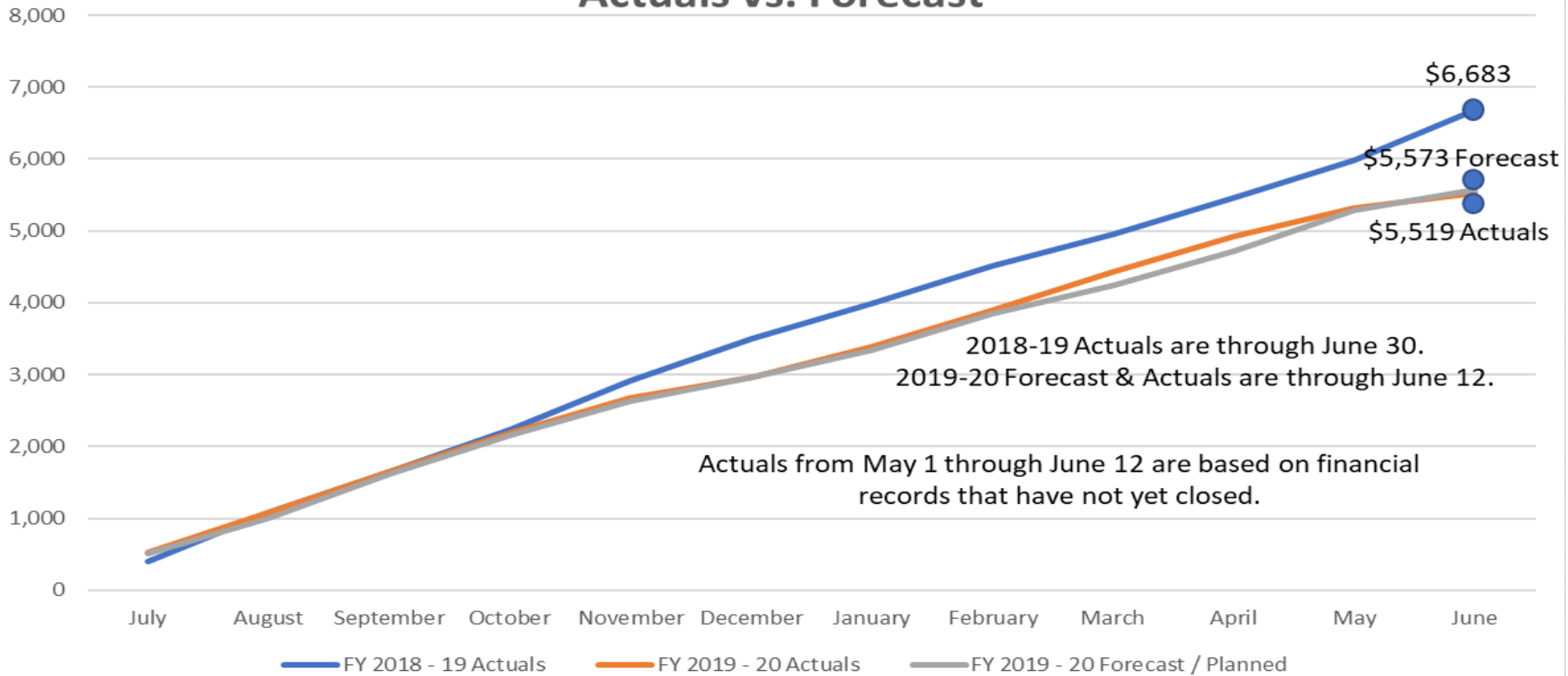
SFY 2020 Spend Plan

Spending Reductions

- Operations and Maintenance Spend Plan for SFY 2020 capped spending at \$1.9B
 - Approximately 15% reduction
 - Conference Budget appropriations is approximately \$2.25B
- Capital Program Spend Plan for FY 2020 capped at \$3.7B
 - PE = \$375M
 - R/W = \$473M
 - Construction = \$2,835M
- Expended approximately \$5.52B of \$5.87B thru 06/12/20

Current Forecast Total Expenditures Actuals vs. Forecast

\$ in Millions



Financial Oversight Changes

- Weekly meetings with NCDOT Fiscal and OSBM
- OSBM approvals on all NCDOT allotments
- Strengthen the Financial Planning Committee (FPC)
 - Deputy Chief Engineers are required to attend
- EAWG (Executive Action Work Group)
 - Act on FPC recommendations

Questions?



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