



DIVISION 2

2018 PAVEMENT SUMMIT

JANUARY 25, 2018



DIVISION 2 SPECIFICATIONS

- ▶ HAULING NCDOT SUPPLIED MATERIAL
 - ▶ ANY SHOULDER WIDENING TO BE PERFORMED BY MILLING MACHINE
 - ▶ FULL DEPTH MILL PATCHING
 - ▶ ROUTES WITH PAINT PERFORMED BY STATE FORCES

 - ▶ ANY OTHER SPECIFICATIONS THAT NEED TO BE CONSIDERED / REVISED?
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DIVISION 2 PLANS / CONTRACT INFORMATION

- ▶ DIVISION 2 NOW HAS A TRAILER MOUNTED CORE DRILL RIG. ALLOWS FOR PRELIMINARY INVESTIGATION OF PAVEMENT STRUCTURE AT THE DIVISION LEVEL. PROVIDES BETTER PAVEMENT DESIGN FOR CONTRACT DOCUMENTS.
- ▶ FY 2019 PROJECTS (EXCEPTION OF 2) ARE OUT TO CONTRACT AND WILL HAVE DATE OF AVAILABILITIES FROM MARCH 2018 THROUGH NOVEMBER 2018. PROVIDES CONTRACTOR ENTIRE PAVING SEASON TO PERFORM WORK BY NOT SPLITTING PAVING SEASON WITH NCDOT FISCAL YEAR.
- ▶ CURB & GUTTER REPLACEMENT, MILL PATCHING LOCATIONS, OTHER ITEMS PROVIDED IN A SUMMARY TABLE IN CONTRACT DOCUMENTS.



DIVISION 2 FUTURE PROJECTS

- ▶ OVER THE NEXT 3 YEARS, DIVISION 2 WILL BE PAVING ALL SUBDIVISION ROUTES THAT ARE NOT IN “GOOD” CONDITION BY THE PAVEMENT CONDITION SURVEY.
 - ▶ CHALLENGES?
 - ▶ SPECIFICATION CONSIDERATIONS?
 - ▶ HOW TO DEAL WITH MATERIAL CLIPPED FROM EDGES PRIOR TO PAVING NOT COVERED BY OTHER LINE ITEMS?
- ▶ US-70 / US-17 FROM DOVER TO THE NEUSE RIVER BRIDGES – 8 FT PAVED SHOULDER INSTALLATION / REHAB OF EXISTING LANES
- ▶ US-264 FROM WILSON COUNTY TO STANTONSBURG ROAD – 8 FT PAVED SHOULDER INSTALLATION / REHAB OF EXISTING LANES



DIVISION 2 PAST PAVING ISSUES

- ▶ BONDING ISSUES WITH SURFACE LAYER
 - ▶ SLIDING
 - ▶ TACK?
- ▶ INTERSECTION TIE-INS
 - ▶ MAKE SURE THAT PAVEMENT IS TAKEN BACK TO AN ACCEPTABLE LEVEL AS IF YOU HAD TO TRAVEL OVER IT DAILY.
 - ▶ CONTRACTOR / INSPECTOR COMMUNICATION TO ENSURE THE DESIRED OUTCOME PRIOR TO WORK BEING PERFORMED/COMPLETED.
 - ▶ ELIMINATE THE NEED TO GO BACK TO A PROJECT TO ADDRESS ISSUES.
- ▶ PAVING OVER CRACK SEALED ROUTES / MASTIC SEALED ROUTES
 - ▶ AS PAVING PROJECT BEGINS, EVALUATE FINAL MAT TO ENSURE NO BLEED THROUGH. IF PROBLEMS ARISE, WORK WITH NCDOT TO DEVELOP AN ALTERNATE PAVEMENT DESIGN.