

MILL DOWN EXISTING PAVEMENT, 2" IN DEPTH; CLEAN ALL SURFACES, APPLY TACK COAT, AND INSTALL A FULL WIDTH 2" ASPHALT SURFACE COURSE, TYPE S9.5C PAVEMENT OVERLAY.

GENERAL PAVEMENT NOTE:

WHERE EDGES OF REPLACED SECTIONS EXTEND WITHIN 2'-0" OF ROADWAY ASPHALT EDGE, REMOVE AND REPLACE EXISTING ASPHALT AND SUBGRADE TO THE ROADWAY EDGE PER THE DETAIL AND NOTES AS SHOWN BELOW, AT NO ADDITIONAL COST.

4" ASPHALT BINDER COURSE TYPE I-19.0 (INSTALL INITIAL 6" ASPHALT BINDER COURSE, MILLED DOWN TO 4" DEPTH AT COMPLETION.)

EXISTING PAVEMENT (THICKNESS VARIES)

UNDISTURBED EARTH

TRENCH EXCAVATED AREA (SEE TRENCH CONSTRUCTION DETAIL SS-D DWG. NO. 2)

8" COMPACTED ABC

12" TRENCH WIDTH AS DEFINED 12"

NOTES:

1. SAW-CUT EXISTING PAVEMENT EDGES TO A CLEAN STRAIGHT EDGE. APPLY TACK AT A RATE OF .25 GAL/YD<sup>2</sup> TO ALL EXISTING PAVEMENT VERTICAL EDGES PRIOR TO ASPHALT PAVING.
2. INSTALL 8" ABC STONE BASE COMPACTED TO 100% MAX. DRY DENSITY AS DETERMINED BY AASHTO T-99 IN ASPHALT PATCH AREAS EXTENDING 1' WIDE ON EACH SIDE OF TRENCH EXCAVATED AREA. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL COMPACTION REQUIREMENTS. ENGINEER SHALL PROVIDE SUB-GRADE TESTING DATA FROM AN INDEPENDENT GEOTECHNICAL FIRM. THERE SHALL BE 1 TEST REQUIRED PER ROAD CROSSING OR 1 TEST FOR EVERY 100 FEET OF TRENCHED AREAS IN ROADWAY. CORRECTED DEFICIENCIES AND ANY SUBSEQUENT TESTING IS THE RESPONSIBILITY OF THE CONTRACTOR.
3. PROVIDE A MINIMUM OF 6" ASPHALT BINDER COURSE (I-19.0) COMPACTED IN 2" LIFTS MATCHING THE TOP OF THE EXISTING PAVEMENT EXTENDING 1' WIDE ON EACH SIDE OF THE TRENCH EXCAVATED AREA.
4. EXISTING PAVEMENT, TO THE EXTENTS SHOWN ON THE DRAWINGS, SHALL BE MILLED DOWN 2" IN DEPTH PER NCDOT SECTION 607; PAVEMENT CLEANED OF ALL MILLINGS, TACK COAT APPLIED AT A RATE OF 0.08 GAL/YD<sup>2</sup> PER NCDOT SECTION 605, AND A 2" ASPHALT SURFACE COURSE, TYPE S9.5C, OVERLAY INSTALLED MAINTAINING EXISTING ROADWAY ELEVATIONS. THE 2" ASPHALT SURFACE COURSE SHALL BE APPLIED AS ONE UNIFORM SEAMLESS LAYER ACROSS THE PAVEMENT WIDTH.
5. IF ASPHALT BINDER PATCHING CANNOT BE ACHIEVED THE SAME DAY OF TRENCH EXCAVATION, TEMPORARILY INSTALL 4" COMPACTED ABC STONE BASE TOPPED WITH A COATING OF 2" ROCK DUST (FINES), FLUSH WITH THE EXISTING PAVEMENT, ON TOP OF THE INSTALLED 8" COMPACTED ABC STONE BASE. THE ABC STONE BASE AND ROCK DUST (FINES) MUST BE MAINTAINED UNTIL FINAL PAVING IS COMPLETE.
6. INSTALL TEMPORARY ASPHALT PAVEMENT STRIPING AND MARKINGS AS REQUIRED DURING CONSTRUCTION. UPON COMPLETION OF FINAL PAVING, ALL THERMOPLASTIC STRIPING, PAVEMENT MARKINGS, AND PAVEMENT MARKERS MUST BE REPLACED PER NCDOT SPECIFICATIONS.

DATE: 10/19/2023

SS-D DWG. NO. 19

SCALE: NOT TO SCALE

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ASPHALT PAVEMENT REPLACEMENT  
WITH OVERLAY

