DocuSign Envelope ID: 54D80F86-CD59-4AAA-BE65-00818932FC52

6/2/99

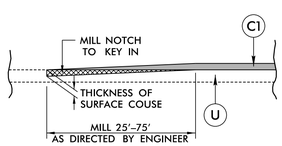
PAVEMENT SCHEDULE

(FINAL PAVEMENT DESIGN)

C1	PROP. APPROX. 1.5″ ASPHALT CONCRETE SURFACE COURSE TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 3″ ASPHALT CONCRETE SURFACE COURSE TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
D1	PROP. APPROX. 2½″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
E1	PROP. APPROX. 4″ ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E2	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1″ DEPTH. TO BE PLACED IN LAYERS NOT LESS THAN 3″ IN DEPTH OR GREATER THAN 5½″ IN DEPTH.
R1	5″ MONOLITHIC ISLAND (KEYED IN)
T	SHOULDER RECONSTRUCTION WITH AGGREGATE SHOULDER BORROW.
U	EXISTING PAVEMENT.

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

MILLING DETAIL



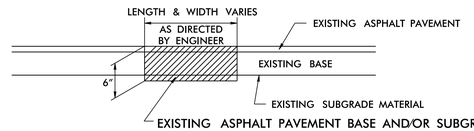
NOTES TO CONTRACTOR:

For surface mixes over 1″ in thickness, mill the existing pavement in accordance with the above sketch as directed by the Engineer.

Locations shall include ties at the beginning and ending point of each surfacing map.

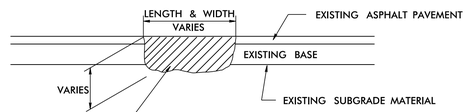
Perform the work in accordance with Section 607 of the January 2012 North Carolina Department of Transportation Standard Specifications for Roads and Structures. Resurfacing will be accomplished at the same time as the milling operation.

DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



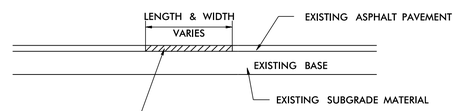
EXISTING ASPHALT PAVEMENT BASE AND/OR SUBGRADE MATERIAL TO BE REMOVED AND REPLACED WITH BASE COURSE, INTERMEDIATE COURSE OR SURFACE COURSE OR A COMBINATION OF BASE, INTERMEDIATE AND SURFACE COURSE, AND PAVEMENT REMOVAL, AS DIRECTED BY THE ENGINEER.

DETAIL NO. 1



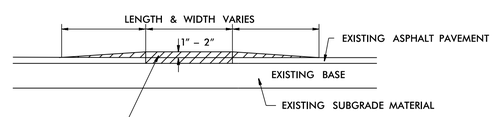
SAW AND REMOVE EXISTING ASPHALT PAVEMENT TO NEAT LINES AND REMOVE EXISTING LOOSE BASE AND/OR SUBGRADE MATERIAL AND REPLACE WITH BASE COURSE, INTERMEDIATE COURSE, OR SURFACE COURSE OR A COMBINATION OF BASE, INTERMEDIATE AND SURFACE COURSE, AND PAVEMENT REMOVAL, AS DIRECTED BY THE ENGINEER.

DETAIL NO. 2



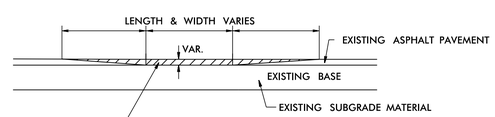
SAW AND REMOVE EXISTING BROKEN–UP ASPHALT PAVEMENT TO NEAT LINES AND REPLACE WITH SURFACE COURSE, AS DIRECTED BY THE ENGINEER

DETAIL NO. 3



OVERLAY PAVEMENT WITH 1″ – 2″ SURFACE COURSE AS DIRECTED BY THE ENGINEER.

DETAIL NO. 4



OVERLAY PAVEMENT WITH LEVELING COURSE AS DIRECTED BY THE ENGINEER.

DETAIL NO. 5

CALYX
ENGINEERS + CONSULTANTS
6750 TRYON ROAD
CARY, NC 27518
phone: 919.851.1912
CALYXengineers.com
NC License # F-1333
Formerly McKay Engineers & Consultants

PROJECT REFERENCE NO.	SHEET NO.
W-5203W	2A-1

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 045759 ENGINEER STEPHEN C. BRONDE

DocuSigned by: Stephen C. Bronde

5/18/2016

PAVEMENT DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 022896 ENGINEER CLARK S. MORRISON

DocuSigned by: Clark S. Morrison

5/18/2016

5/17/2016
R:\Roadway\Proj\W-5203W_rdy_TYP.dgn
Ekamm