PROJECT REFERENCE NO.	SHEET NO.
41665.7A	2A-1
R/W SHEET NO.	

vhb
940 Main Campus Drive, Suite 500
Raleigh, NC 27606
NC Licnse No. C-3705

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 037874 ENGINEER TIMOTHY D GOINS

Tim D. Goins P.E.

PAVEMENT DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 033296 ENGINEER STEVEN D KENDALL

Steve D. Kendall
11/15/2019

BR 008

PAVEMENT SCHEDULE

FINAL PAVEMENT DESIGN

C1	PROP. APPROX. 3″ ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C2	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 112 LBS. PER SQ. YD. PER 1″ DEPTH TO BE PLACED IN LAYERS NOT LESS THAN 1.5″ IN DEPTH OR GREATER THAN 2″ DEPTH.
D1	PROP. APPROX. 4″ ASPHALT CONCRETE BASE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
D2	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1″ DEPTH TO BE PLACED IN LAYERS NOT LESS THAN 2.5″ IN DEPTH OR GREATER THAN 4″ DEPTH.
E1	PROP. APPROX. 4.5″ ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 513 LBS. PER SQ. YD.
E2	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, 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 5.5″ DEPTH.
R	SHOULDER BERM GUTTER.
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V	3″ MILLING
W	VARIALBE DEPTH ASPHALT PAVEMENT (SEE DETAIL SHOWING METHOD OF WEDGING).

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

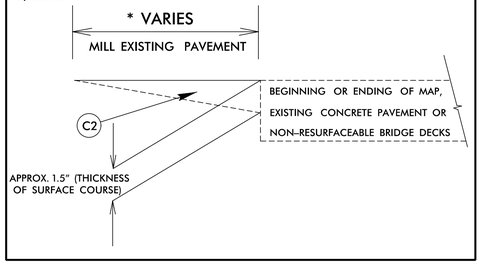
INCIDENTAL MILLING

NOTES TO CONTRACTOR

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

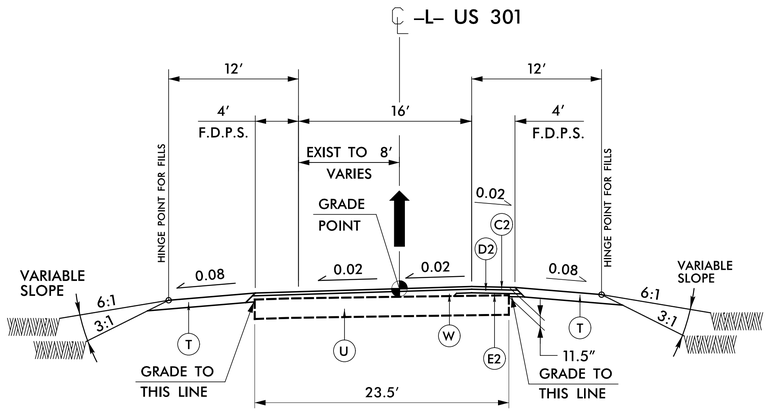
Locations shall include ties into existing concrete pavement, at bridge approaches where the bridge will not be resurfaced, and at the beginning and ending point of each resurfacing map.

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.



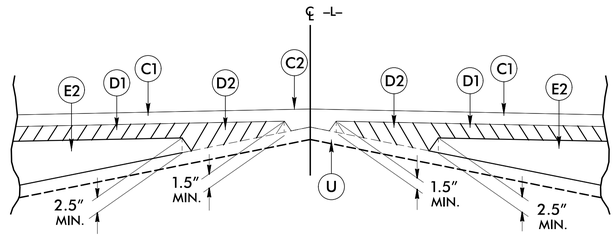
MILLING LIMITS:

–L– STA. 16+50 TO 17+25
–L– STA. 24+55 TO 25+30

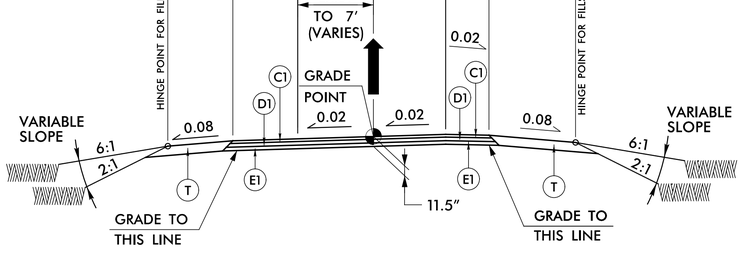


TYPICAL SECTION NO. 1

STA. 16+50.00 TO 19+15.00
STA. 23+30.00 TO 25+30.00

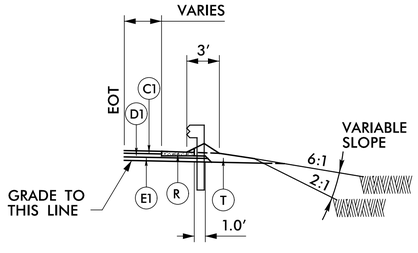


Detail Showing Method of Wedging



TYPICAL SECTION NO. 2

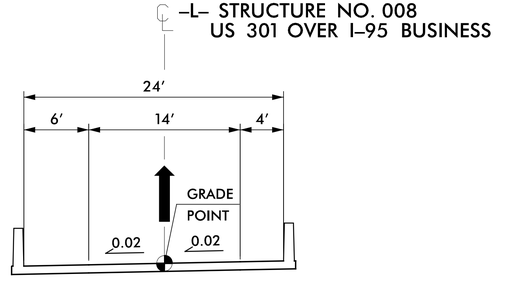
STA. 19+15.00 TO 21+06.62
STA. 22+06.12 TO 23+30.00



DETAIL 'A'

USE IN CONJUNCTION WITH TYPICAL SECTION NO. 2

–L– STA. 17+20 TO APPROACH SLAB, RT
–L– STA. 19+55 TO APPROACH SLAB, LT
–L– APPROACH SLAB TO STA. 25+05, LT



TYPICAL SECTION ON STRUCTURE

STA. 21+06.62 (BEGIN BRIDGE) TO 22+06.12 (END BRIDGE)