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5/14/99

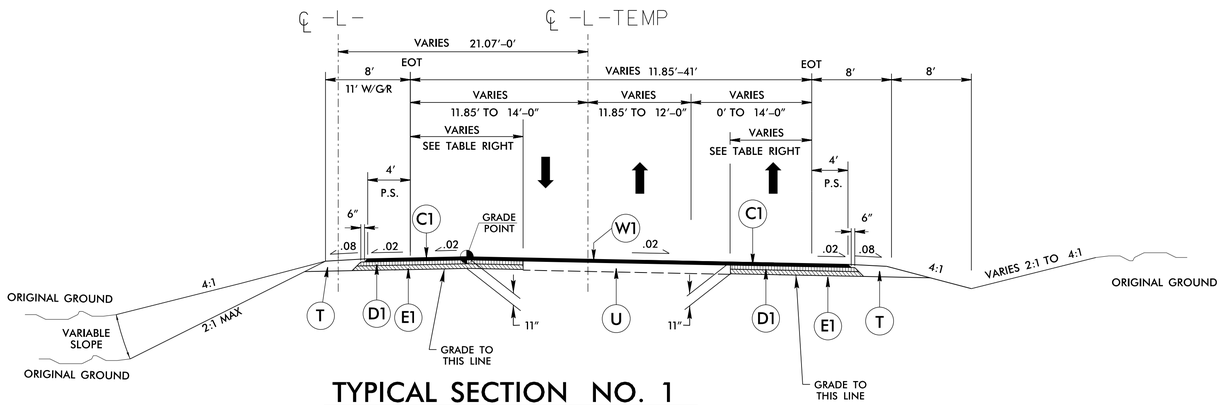
PROJECT REFERENCE NO.	SHEET NO.
U-3615B	2A-1
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 022999 ENGINEER GREG S. PURVIS

PAVEMENT DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 022896 ENGINEER CHARLES E. MORRISON

WETHERILL ENGINEERING
559 Jones Franklin Rd. Suite 164
Raleigh, N.C. 27606
Liscense No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

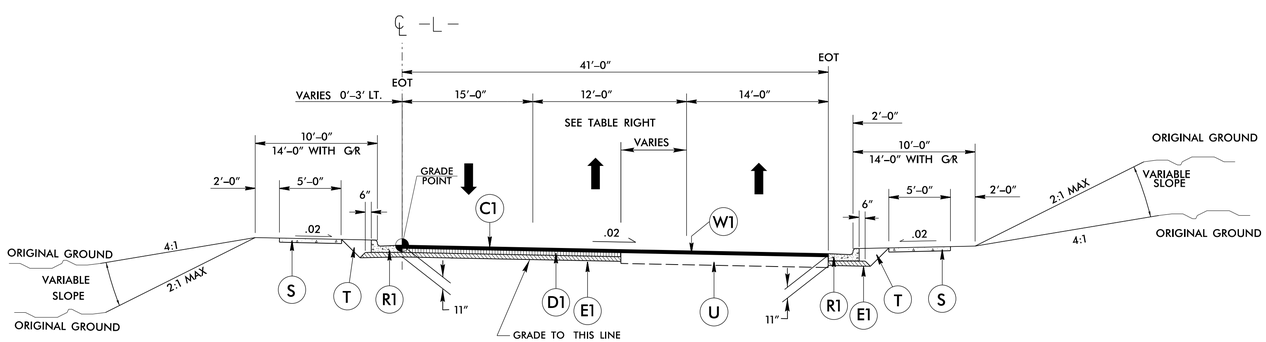


TYPICAL SECTION NO. 1

USE TYPICAL SECTION NO.1

-L- TEMP STA. 169+46.53 TO -L- TEMP STA. 178+07.08 BK=
(STATION EQUATION) -L- STA. 178+07.79AH

T.S. NO.	LINE	EXISTING WIDTH LT.	EXISTING WIDTH RT.	PROPOSED WIDENING LT.	PROPOSED WIDENING RT.
1	-LTEMP-	0'-12.03'	11.73'-51.44'	0'-19.78'	0'-19.78'
2	-L-	N/A	22.86'-31.68'	33.56'-41.00'	0'

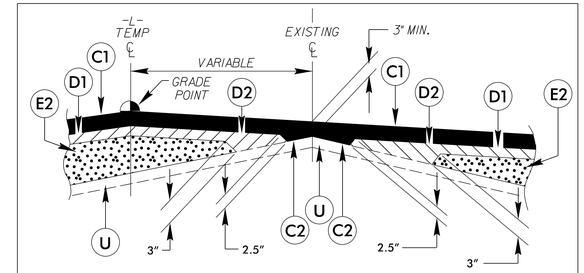


TYPICAL SECTION NO. 2

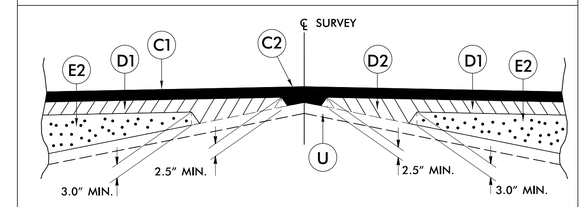
USE TYPICAL SECTION NO. 2

-L- STA. 178+07.79 AH TO STA. 189+72.37 BK=
(STATION EQUATION) -L- STA. 189+75.30 AH TO STA. 190+71.44

TRANSITION FROM TYPICAL SECTION NO. 2
TO TYPICAL SECTION NO. 3
-L- STA. 190+71.44 TO STA. 201+30.40



W1 – DETAIL SHOWING METHOD OF WEDGING



W2 – DETAIL SHOWING METHOD OF WEDGING

USE ON ALL Y LINES

PAVEMENT SCHEDULE

C1	PROP. APPROX. 3" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS PER SQ. YD. IN EACH OF TWO LAYERS.
C2	PROP. VAR. DEPTH ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 112 LBS PER SQ. YD. PER 1" DEPTH TO BE PLACED IN LAYERS NOT LESS THAN 1.5" OR GREATER THAN 2" IN DEPTH.
D1	PROP. APPROX. 4" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 456 LBS PER SQ. YD.
D2	PROP. VAR. DEPTH ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 114 LBS PER SQ. YD PER 1" DEPTH TO BE PLACED IN LAYERS NOT LESS THAN 2.5" OR GREATER THAN 4" IN DEPTH.
E1	PROP. APPROX. 4" ASPHALT CONC. BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS PER SQ. YD.
E2	PROP. VAR. DEPTH ASPHALT CONC. 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" OR GREATER THAN 5.5" IN DEPTH.
P	PRIME COAT AT THE RATE OF .35 GAL. PER SQ. YD.
J1	10" AGGREGATE BASE COURSE
L2	CLASS IV SUBGRADE STABILIZATION
N2	GEOTEXTILE FOR SOIL STABILIZATION
R1	2'-6" CONCRETE CURB AND GUTTER
R2	2'-9" CONCRETE CURB AND GUTTER
R3	1'-6" CONCRETE CURB AND GUTTER
R4	5" MON. CONCRETE ISLAND (KEY IN)
S	4" CONCRETE SIDEWALK
T	EARTH MATERIAL
U	EXISTING PAVEMENT
W1	WEDGING DETAIL 1
W2	WEDGING DETAIL 2

NOTE: ALL SLOPES 1:1 UNLESS OTHERWISE SPECIFIED
EOT = EDGE OF TRAVEL LANE

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