DocuSign Envelope ID: A5472882-DB80-40C3-9A9D-68E72826E8C8

PROJECT REFERENCE	SHEET NO.
17BP.5.R.51 – WAKE 27	2A–1

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 21102 ENGINEER JAMES TIMOTHY JOHNSON

DocuSigned by: James Timothy Johnson 2/6/2018

MOTT MACDONALD I & E, LLC
LICENSE NO. F–0669

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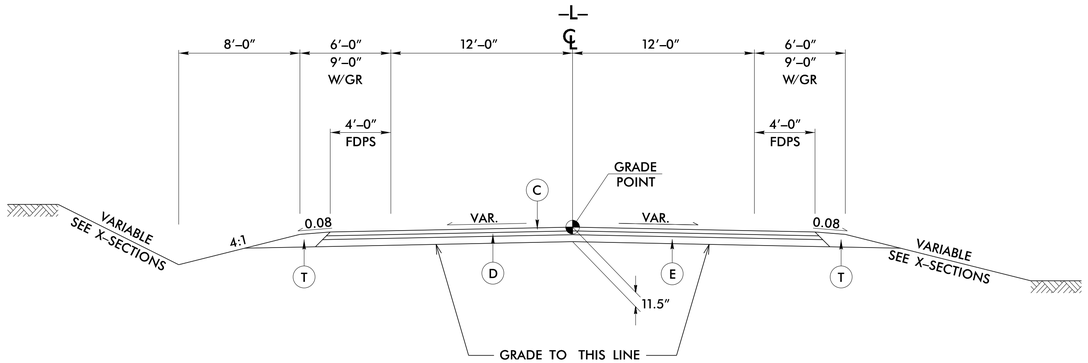
Prepared in the Office of:
MOTT MACDONALD
PO Box 700
Fuquay–Varina, NC 27526
www.mottmac.com

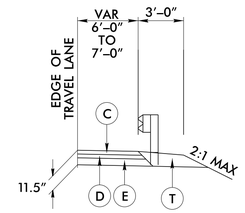


TYPICAL SECTION NO. 1

TRANSITION FROM EXISTING TO TYPICAL SECTION NO. 1:
–L– STA 14+00.00 TO 14+50.00

USE TYPICAL SECTION NO. 1:
–L– STA 14+50.00 TO 17+00.00

TRANSITION FROM TYPICAL SECTION NO. 1 TO EXISTING:
–L– STA 17+00.00 TO 17+50.00



DETAIL FOR FULL DEPTH PAVED SHOULDER IN CONJUNCTION WITH GUARDRAIL

PAVEMENT SCHEDULE	
C	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.
D	PROP. APPROX. 3″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
E	PROP. APPROX. 5½″ ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T	EARTH MATERIAL.

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

2/6/2018 11:33:38 AM
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