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ICA Engineering
5121 Kingdom Way,
Suite 100
Raleigh, NC 27607
NC License No: P-0258

METRIC

5m 0 10m

CONST.REV.

R /W REV.

PROJECT REFERENCE NO.	SHEET NO.
R-2413CA	24

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 22606 ENGINEER DAVID C. WALLER
4/8/2015

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 19732 ENGINEER SHANCHEN PAN
4/8/2015

–Y16A–

BEGIN CONSTRUCTION
–Y16A– STA 10+92.331
EL 271.108

PI = 11+05.000
EL = 271.647 m
VC = 15 m
K = 7

+4.2600% △ +2.1046%

–Y16A– EOP STA 11+14.872
EL 271.885

–Y16A– STA 11+22.189 =
–LREV END– STA 101+93.861 4.5 RT
EL 271.993

SEE SHEET 11 FOR -Y16A- PLAN

278 276 274 272 270 268 266 264 262

10 +20 +40 +60 +80 11 +20

–Y16B–

–Y16B– EOP STA 10+11.710
EL 271.790

END CONSTRUCTION
–Y16B– STA 10+55.267
EL 272.783

PI = 10+38.000
EL = 272.561 m
VC = 14 m
K = 6

+1.0000% △ +3.8220% +1.2867%

PI = 10+20.000
EL = 271.873 m
VC = 16 m
K = 6

–Y16B– STA 10+04.5039 =
–LREV END– STA 101+94.492 4.5 LT
EL 271.932

LEFT DITCH ——— - - —
RIGHT DITCH ---------

SEE SHEET 11 FOR -Y16B- PLAN

278 276 274 272 270 268 266 264 262

10 +20 +40

4/7/2015
R-2413CA_rdy_psh24.dgn
ICA ENGINEERING, INC.