METRIC	PROJECT REFERENCE NO.	SHEET NO.
	R-2562C	47
CONST.REV.	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
R /W REV.	NORTH CAROLINA PROFESSIONAL SEAL 22761 ENGINEER MICHELLE R. CRANE	NORTH CAROLINA PROFESSIONAL SEAL 026998 ENGINEER JEFFREY L. RECK

-Y5-

D.A.= 26.50 HA
DESIGN DISCHARGE= 0.44 cms
DESIGN FREQ.= 25-YR
DESIGN H.W.= 48.21 m
BASE FLOOD DISCHARGE= 0.71cms
BASE FLOOD FREQ.= 100-YR
BASE FLOOD ELEV.= 48.53 m
OVERTOPPING DISCHARGE=0.71cms
OVERTOPPING FREQ.= 100-YR
OVERTOPPING ELEV.= 48.50 m

PVI = 10+45.00
EL = 48.470 m
K = 18
VC = 50 m

PVC 10+430.00 (49.248)
-3.1113%
BEGIN DITCH (RT)
STA = 10+400.000
EL = 47.300
BEGIN DITCH (LT)
STA = 10+400.000
EL = 47.150
-1.7000%
(+)0.750%
END DITCH (RT)
STA = 10+460.000
EL = 47.600
END DITCH (LT)
STA = 10+460.000
EL = 47.300
-0.2563%
PVT 10+488.00 (48.486)
END CONSTRUCTION
STA.10+475.456
BEGIN GRADE
STA 10+14.20
ELEV 49.428
MATCH EXISTING GRADE

-Y6-

PVI = 10+25.90
EL = 46.681 m
K = 9
VC = 23 m

PVC 10+14.65 (46.924)
-2.1617%
+0.5270%
PVT 10+37.15 (46.740)
END CONSTRUCTION
STA.10+70.000
BEGIN GRADE
STA 10+14.60
ELEV 46.925
MATCH EXISTING GRADE
BEGIN DITCH (RT)
STA = 10+40.000
EL = 46.000
END DITCH (RT)
STA = 10+50.000
EL = 46.200
+1.2000%

-Y7-

PVI = 10+12.51
EL = 46.695 m
K = 5
VC = 66 m

PVC 10+09.27 (46.786)
-2.7375%
-0.6098%
PVT 10+15.81 (46.675)
END CONSTRUCTION
STA.10+55.452
BEGIN GRADE
STA 10+09.20
ELEV 46.787
MATCH EXISTING GRADE

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