ENVIRONMENTALLY SENSITIVE AREA
APPLIES TO BUFFER ZONES 1 AND 2
SEE PROJECT SPECIAL PROVISIONS

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 8

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE- B
AND TEMPORARY ROCK SILT CHECKS TYPE-A AT
DRAINAGE OUTLETS.

METRIC
5 0 10

PROJECT REFERENCE NO.	SHEET NO.
R-2552C	EC-7/CONST.8
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE: IN TEMPORARY IMPACT AREAS,
VEGETATION IS TO BE HAND CLEARED
AND MACHINERY IS TO WORK ON MATS.

TS TS DENOTES TEMPORARY FILL IN SURFACE WATER

S S DENOTES FILL IN SURFACE WATER

NAD83

MATCHLINE -L2- 120+80

MATCHLINE -L2- 124+40

+84.283 -Y1- 7.620 (25.00 ft)
+84.283 -Y1- 12.190 (40.00 ft)
+00.000 -Y1- 12.190 (40.00 ft)
+14.924 -Y1- 18.000 (59.05 ft)
+30.000 -Y1- 12.190 (40.00 ft)

750mm RCP

CL. "B" RIP RAP (5 M.TONS) w/ FIL. FAB. (14 SM)

TEMPORARY CONSTRUCTION EASEMENT

SPECIAL DITCH

+71.447 -L2LT- 39.500 (129.59 ft)

BZ 1 BZ 2

1.5 M LO PRE-FORMED SCOUR HOLE w/ CL. "B" RIP RAP (3 M.TONS) & FIL. FAB. (65 S.M.)

400mm CSP w/ 2 CS ELBOWS TYPE A COATING

2GI w/ FLAT GRATE

BEGIN BRIDGE
-L2LT- POC Sta.121+76.848

EXPWY. GUTTER

TYPE III

BEGIN BRIDGE
-L2RT- POC Sta.121+94.763
-L2- CS Sta.121+87.616

MODIFIED FLUME

-Y1- POT Sta.12+18.883
-L2RT- POC Sta.122+14.832
△= 73° 03' 02.5"

LAT. 2.0m BASE DITCH

CL. "B" RIP RAP (3 M.TONS) w/ FIL. FAB. (9 SM)

+40.000 -L2RT- 41.000 (134.51 ft)

NOTE:
INSTALL EROSION CONTROL MATTING
ON TEMPORARY DIVERSION DITCH

-Y1- POT Sta.11+96.591
-L2LT- POC Sta.121+97.157
△= 72° 25' 37.9"
+97.437 -L2LT- 39.500 (129.59 ft)
-Y1- POT Sta.12+14.221
-L2- POS Sta.122+13.539
△= 73° 51' 59.8"

-L2- ST Sta.122+82.616

END BRIDGE
-L2LT- POC Sta.122+17.286

+41.047 -L2LT- 39.500 (129.59 ft)

CHORD

CL. "B" RIP RAP (2 M.TONS) w/ FIL. FAB. (4 SM)

LAT. 0.6m BASE DITCH

400mm CSP w/ 2 CS ELBOWS TYPE A COATING

2GI w/ FLAT GRATE

EXPWY. GUTTER

-L2LT-

-L2- S 88° 53' 01.1" E

CLIMBING/AUXILIARY LANE

-L2RT-

MODIFIED FLUME

FLATTEN MEDIAN SLOPES TO DRAIN AHEAD (MIN. -0.3%)

450mm RCP

LAT. 'V' DITCH

END BRIDGE
-L2RT- POC Sta.122+34.672

+39.128 -L2RT- 39.500 (129.59 ft)

+23.175 -L2RT- 39.500 (129.59 ft)

-L2RT- PT Sta.124+23.175

+14.467 -L2RT- 41.000 (134.51 ft)

+73.500 -Y1- 11.430 (37.50 ft)

NOTE: SEE GUIDE FOR PAVING
SHOULDERS UNDER BRIDGES
(STD'S. 610.01, 610.02, & 610.03)

+25.000 -Y1- 11.430 (37.50 ft)
+39.797 -Y1- 7.620 (25.00 ft)

RUINS

ISFD

SOIL

121 122 123 124

EarthTech
A Tyco International Ltd. Company
701 Corporate Center Drive, Suite 475 Raleigh, NC 27607

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