PROJECT REFERENCE NO.	SHEET NO.
B-3348	EC-5/CONST.4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "CUTHRELL" WITH NAD 83 STATE PLANE GRID COORDINATES OF

NORTHING: 654262.2184(ft) EASTING: 2893025.5492(ft)

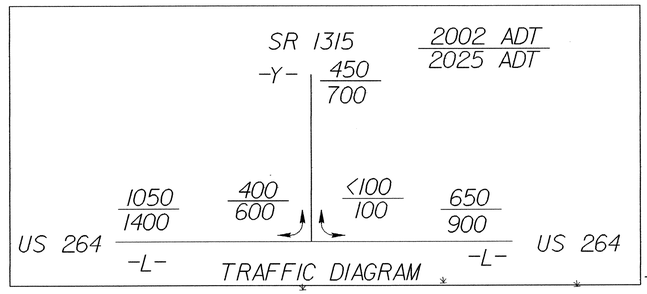
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9998828

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "CUTHRELL" TO -L- Sta. 10+00.00 IS

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NGVD 29

NOTE:
TEMPORARY SILT FENCE SHALL BE INSTALLED A MINIMUM OF 3 FEET FROM TOE OF FILL IN WETLAND AREAS

NOTE:
UTILIZE TEMPORARY ROCK SILT CHECK TYPE - A AS STILLING BASIN WHERE APPLICABLE.



-DR-

PI Sta 11+08.84
Δ = 87° 21' 28.8" (LT)
D = 114° 35' 29.6"
L = 76.23'
T = 47.75'
R = 50.00'
SE = NC

PI Sta 10+43.99
Δ = 88° 05' 28.0" (RT)
D = 190° 59' 09.4"
L = 46.12'
T = 29.02'
R = 30.00'
SE = NC

-L-

PI Sta 12+95.86
Δ = 5° 07' 21.1" (RT)
D = 1° 08' 45.3"
L = 447.03'
T = 223.66'
R = 5,000.00'
SE = 0.03
RO = 78'

PI Sta 16+37.71
Δ = 1° 21' 27.5" (LT)
D = 0° 34' 22.6"
L = 236.95'
T = 118.48'
R = 10,000.00'
SE = NC

NOTE: SEE SHEET No.6 FOR -L- PROFILE
NOTE: SEE SHEET No.7 FOR -Y- PROFILE
NOTE: SEE SHEET No.7 FOR -Y1- PROFILE
NOTE: SEE SHEET No.7 FOR -DR- PROFILE
SEE SHEET S-1 THRU S- FOR STRUCTURE PLANS

BEGIN STATE PROJECT No.B-3348
-L- POT Sta. 10+00.00

N 26° 01' 43.4" E

POT Sta. 13+18.54 -Y-

-Y-

PI Sta 11+23.53
Δ = 13° 55' 09.1" (LT)
D = 8° 00' 07.9"
L = 173.94'
T = 87.40'
R = 716.00'
SE = NC

PRC Sta. 15+19.23 -L-

PT Sta. 17+56.18 -L-

PC Sta. 10+36.13 -Y-

PT Sta. 12+10.07 -Y-
End Construction

POT Sta. 10+00.00 -Y1-

POT Sta. 17+63.63 -L-

BL- 6 PINC 13+30.83 =
BY- 6 POT 10+53.05 =
-L- POT 18+01.17
47.03' Lt.

POT Sta. 10+00.00 -DR- =
POT Sta. 19+50.13 -L-

N 62° 59' 42.9" W

N 49° 04' 33.8" W

N 29° 47' 37.0" E

PC Sta. 10+14.97 -DR-

PRC Sta. 10+61.09 -DR-

PT Sta. 11+37.33 -DR-

End Construction
-DR- Sta. 11+40.00

POT Sta. 11+50.00 -DR-

PC Sta. 10+72.20 -L-

POT Sta. 10+00.00 -Y- =
POT Sta. 17+57.69 -L-

PCSta. 11+07.58 -Y1-

PT Sta. 12+59.42
END GRADING

End Construction
POT Sta. 15+60.00 -Y1-

POT Sta. 15+73.59 -Y1-

-Y1-

PI Sta 11+83.65
Δ = 8° 41' 59.2" (RT)
D = 5° 43' 46.5"
L = 151.84'
T = 76.07'
R = 1,000.00'
SE = NC

GEORGE AUBREY LONG
PC-B, SL.113-B
NO DEED FOUND

DORTHEA LONG QUINN
DB 112, PG. 527
PC-B, SL.113-B

C. GILBERT GIBBS
NO DEED FOUND

NATHAN PAUL GIBBS
NO DEED FOUND

BM-9 R/R SPIKE IN 18" PINE
ELEV. = 4.43'
99.9' RT OF -BL- 4+82.7

BM-10 BRIDGE NAIL IN 18" PINE
ELEV. = 4.69'
320.8' RT OF -BL- 15+64.9

BL- 5
POT 5+00.00

NOTE: Place inverts of equilizer pipes at a maximum elevation of 1.00', on a 0.00% grade, and a minimum 0.75' cover over pipe.

SPECIAL SHOP CURVED ANCHOR UNIT

N.C. GRID NAD 83

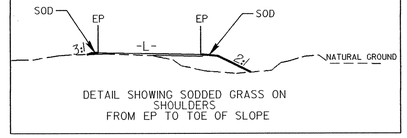
PROPERTY OWNERS

1	C. GILBERT GIBBS NO DEED FOUND
2	NATHAN PAUL GIBBS NO DEED FOUND
3	KENNETH W. PHIPPS DB 146, PG. 746 PC-C, SL. 181
4	DORTHEA LONG QUINN DB 112, PG. 527 PC-B, SL.113-B
5	C. GILBERT GIBBS NO DEED FOUND

EASEMENT TO:
STATE OF NORTH CAROLINA
(NC WILDLIFE RESOURCES COMMISSION)
DB 78, PG. 145

GRADING FOR PROP. WETLAND (SEE CROSS SECTIONS)
PAVEMENT REMOVAL
BRIDGE APPROACH SLAB

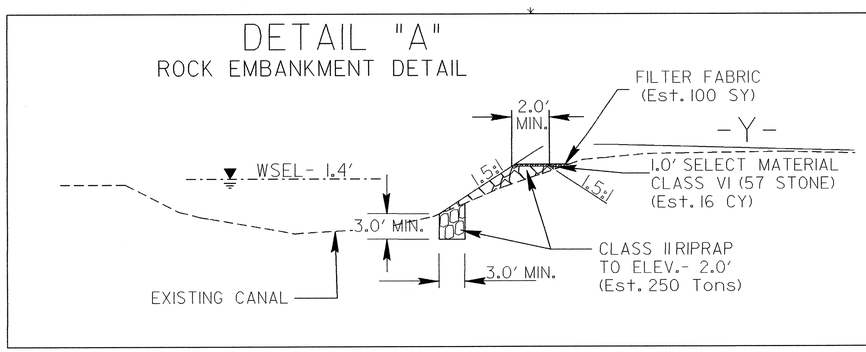
DETAIL 'C'
(NOT TO SCALE)



DETAIL SHOWING SODDED GRASS ON SHOULDERS FROM EP TO TOE OF SLOPE

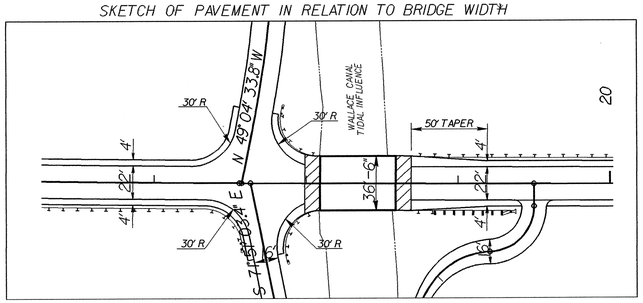
FROM STA. 10+00-L- TO STA. 18+09 -L- LT. & RT.
FROM STA. 18+59 -L- TO STA. 21+83.94 -L- LT. & RT.

DETAIL "A"
ROCK EMBANKMENT DETAIL



FROM STA. 10+70 TO 11+30 -Y- LT.

SKETCH OF PAVEMENT IN RELATION TO BRIDGE WIDTH



MATCH LINE SHEET 5