PROJECT REFERENCE NO.	SHEET NO.
B-3348	EC-3/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

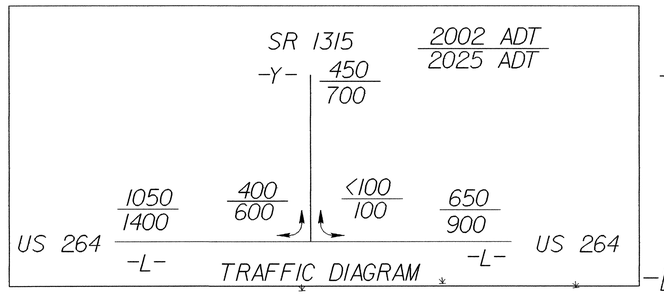
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "CUTHRELL" TO -L- Sta. 10+00.00 IS

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

ENVIRONMENTALLY SENSITIVE AREA SEE PROJECT SPECIAL PROVISIONS

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



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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4

-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

-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

NOTE: SEE SHEET No.6 FOR -L- PROFILE
NOTE: SEE SHEET No.7 FOR -Y- PROFILE
NOTE: SEE SHEET No.7 FOR -YI- PROFILE
NOTE: SEE SHEET No.7 FOR -DR- PROFILE

SEE SHEET S-1THRU S- FOR STRUCTURE PLANS

NATHAN PAUL GIBBS
NO DEED FOUND
(2)

C. GILBERT GIBBS
NO DEED FOUND
(5)

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

POT Sta. 13+18.54 -Y-

PTRC Sta. 12+10.07 -Y-
End Construction

POT Sta. 10+00.00 -YI-

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.

PC Sta. 10+36.13 -Y-

PRC Sta. 15+19.23 -L-

PT Sta. 17+56.18 -L-

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

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

PC Sta. 10+72.20 -L-

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-

PCSta. 11+07.58 -YI-

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

PTSta. 12+59.42
END GRADING

PC Sta. 10+14.97 -DR-

End Construction
POT Sta. 15+60.00 -YI-

POT Sta. 15+73.59 -YI-

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

NC GRID NAD 83

(1) C. GILBERT GIBBS NO DEED FOUND

(3) KENNETH W. PHIPPS
DB 146, PG. 746
PC-C, SL. 181

PROPERTY OWNERS

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

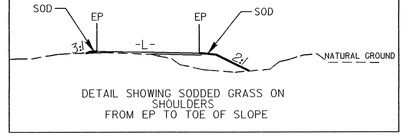
GEORGE AUBREY LONG
PC-B, SL.113-B
NO DEED FOUND

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

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

BM-10 BRIDGE NAIL IN 15" PINE
ELEV. = 2.8'
320.8' RT OF -BL- 13+14.9

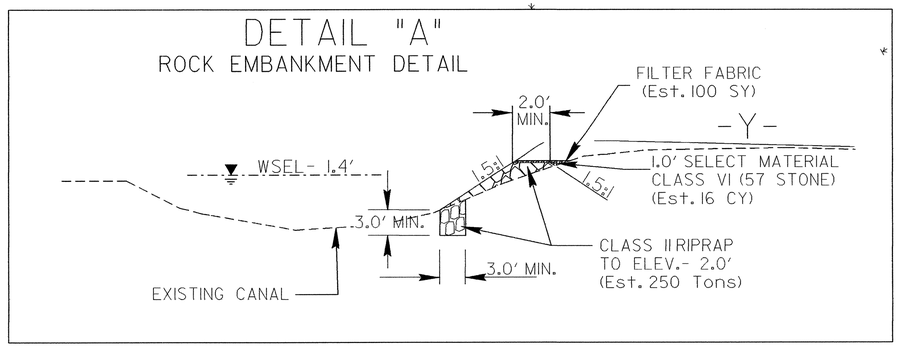
DETAIL 'C'
(NOT TO SCALE)



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

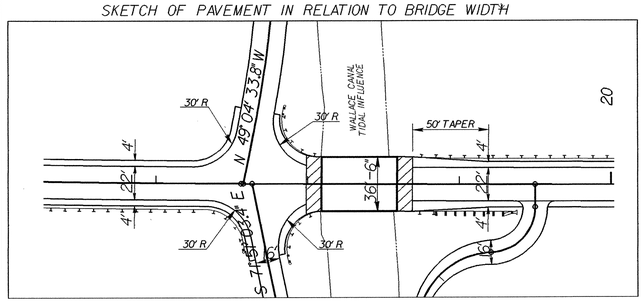
FROM STA. 10+00-L- TO STA. 18+09 -L- LT. & RT.
FROM STA. 18+59 -L- TO STA. 21+83.94 -L- LT. & RT.

DETAIL "A"
ROCK EMBANKMENT DETAIL



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

SKETCH OF PAVEMENT IN RELATION TO BRIDGE WIDTH



GRADING FOR PROP. WETLAND (SEE CROSS SECTIONS)

PAVEMENT REMOVAL

BRIDGE APPROACH SLAB

MATCH LINE SHEET 5