8/17/99

WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO.	SHEET NO.
W-5600	EC-40/CONST J7
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

ROBERTS & WELLONS INC.

102 x 30 x 3
1.5 inch Skimmer
with 1.5 inch
Orifice Diameter
12 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 17.02

Modified Silt Basin
Type 'B'
102 x 30 x 3
X ft. weir
(See Tiered Skimmer
Basin Detail)
ID 17.02

NAD 83/NA 2011

MATCHLINE -L- STA. 175+00 SEE SHEET 16

MATCHLINE -L- STA. 188+00 SEE SHEET 18

20' PERMANENT UTILITY EASEMENT PB 76, PG 135

20' PERMANENT UTILITY EASEMENT PB 76 P

185' POWER EASEMENT

BEGIN PROP. WW FENCE
TIE TO EXIST FENCE

TIE TO EXIST. BERM DITCH

END PROP. WW FENCE
TIE TO EXIST FENCE

47
STEPHEN N. WILSON

BERM DITCH

END 300' TAPER
-L- STA. 176+00.00

SPECIAL DITCH w/HINGE
DETAIL W)

CLASS B RIP RAP
COLLAR AND EXTEND

15" RCP
FES
INV=196.99'

RETAIN

Adj. 25.00' RT

180+00

185+00

-L-

US HWY 70 WBL VAR PAVED ROADWAY

US HWY 70 EBL VAR PAVED ROADWAY

CABLE

WOODS

RIP RAP

HW

TDE

TRENCHLESS INSTALLATION 30" WELDED STEEL CASING

RETAIN

CLASS B RIP RAP
EST. 3 TN RIP RAP
EST. 7 SY GEOTEXTILE

48" WW & ISBW

EIP

EXISTING R/W

R/W MON

20' SEWER EASEMENT PB 49 PG 12

48" WW & 15BW

4" PVC W

BILLBOARD

LARRY T. PHILLIPS
47

LINWOOD K. HILL

DANIEL B. MCCLEARY

MARTHA S. CARMONA

KENNETH R. JONES

LARRY T. PHILLIPS

KENNETH R. JONES

ANA C. BRITO

KENNETH R. JONES

N 00°04'42" W 58.47'

N 00°04'42" W 220.25'

N 65°51'40" E 350.46'

N 35°55'20" E 335.80'

N 34°01'40" E 280.31'

N 54°04'40" E 172.82'

N 38°49'40" E 103.43'

N 76°08'18" E 75.35'

S 61°39'28" E 81.17'

N 37°54'24" E 157.45'

N 34°40'40" E 180.00'

S 83°21'31" E 144.43'

S 83°01'58" E 54.72'

N 46°15'38" E 14.81'

S 33°18'51" W 115.74'

N 36°05'07" E 62.59'

S 88°01'58" E 96.53'

S 83°17'17" E 106.18'

S 88°01'58" E 80.07'

20' SEWER EASEMENT PB

R=150'

R=50'

R=35'

R=50'

N 75°09'07" W 275.10'

N 75°09'07" W 158.05'

40 x 20 x 3
1.5 inch Skimmer
with 0.75 inch
Orifice Diameter
4 ft. weir
ID 17.01

FOR -L- PROFILE, SEE SHEET: 33
FOR DRAINAGE DETAILS, SEE SHEETS: 2D-1 THRU 2D-3

USER:$$$$$$$$ TIME:$$:$$ DGN:$$$$$$$$$$$$$$$$ DSN:$$$$$$$$ LEVEL:$$$$$$$$ SCALE:$$$$$$$$$$$$$$$$ FRAME:$$$$$$$$