WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
Liscense No. F-0377
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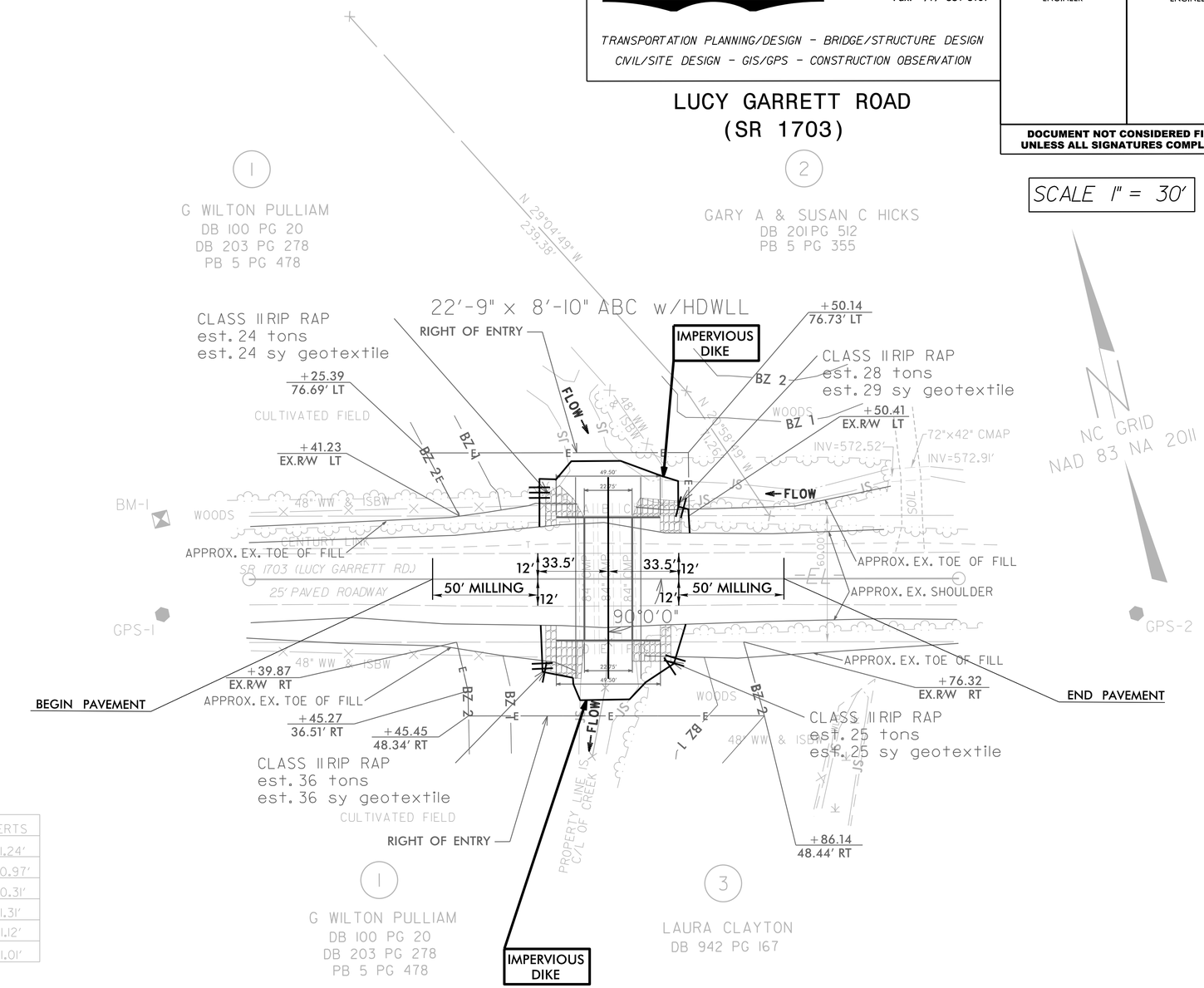
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO.	SHEET NO.
5B.207314.4	EC-4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

LUCY GARRETT ROAD (SR 1703)

SCALE 1" = 30'



BM1 ELEVATION = 580.83
N 941254 E 2012342
BL STATION 5+00.00
N 11°58'04.5" E DIST 45.31
BM SET IN 20" HARDWOOD

Point	North	East	Elevation
GPS-1	941209.2600	2012332.9200	582.67'
GPS-2	941106.5800	2012784.4900	583.16'

PIPE INVERTS	
A	INV=571.24'
B	INV=570.97'
C	INV=570.31'
D	INV=571.31'
E	INV=571.12'
F	INV=571.01'

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "GPS-2"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 941106.584(ft) EASTING: 2012784.485(ft)
ELEVATION: 583.16(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.000028632
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "GPS-2" TO -L- STATION IS

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

EROSION CONTROL PLAN

REVISIONS

8/17/99

1/24/2023
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