



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B3623-1" WITH NAD 1983/95 STATE PLANE GRID COORDINATES OF NORTHING: 569011968(F1) EASTING: 152457358(F1) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99987300 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B3623-1" TO L- STATION 22+00.00 IS 82.87'

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

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 5900
DESIGN FREQUENCY	= 25
DESIGN HW ELEVATION	= 5444
BASE DISCHARGE	= 9430
BASE FREQUENCY	= 10
BASE HW ELEVATION	= 5460
OVERTOPPING DISCHARGE	= 12340
OVERTOPPING FREQUENCY	= 500
OVERTOPPING ELEVATION	= 55907

DATE OF SURVEY = 10/08/02
 M.S. ELEVATION AT DATE OF SURVEY = 52870

NOTE: THIS PROPERTY IS SHOWN ON CABARUS COUNTY TAX MAPPING AS PART OF THE LAND OWNED BY LINKER. MR. LINKER STATES THAT HE DOES NOT OWN THIS LAND AND HIS DEED AGREES WITH THIS STATEMENT. W.K. ALEXANDER SOLD THE LAND ON THE OTHER SIDE OF THE ROAD TO MEDLIN, WHO SOLD IT TO STARCHER. ALEXANDER'S ORIGINAL DEED AGREED WITH LINKER'S DEED BUT THE PARCELS HE SOLD TO MEDLIN ONLY WENT TO THE CENTER OF THE CURRENT ROAD, LEAVING THE TRIANGLE SHOWN HERE.

SEE STRUCTURE PLANS S-1 THRU S-34

MATCHLINE STA. 22+00.00 SEE SHEET 5