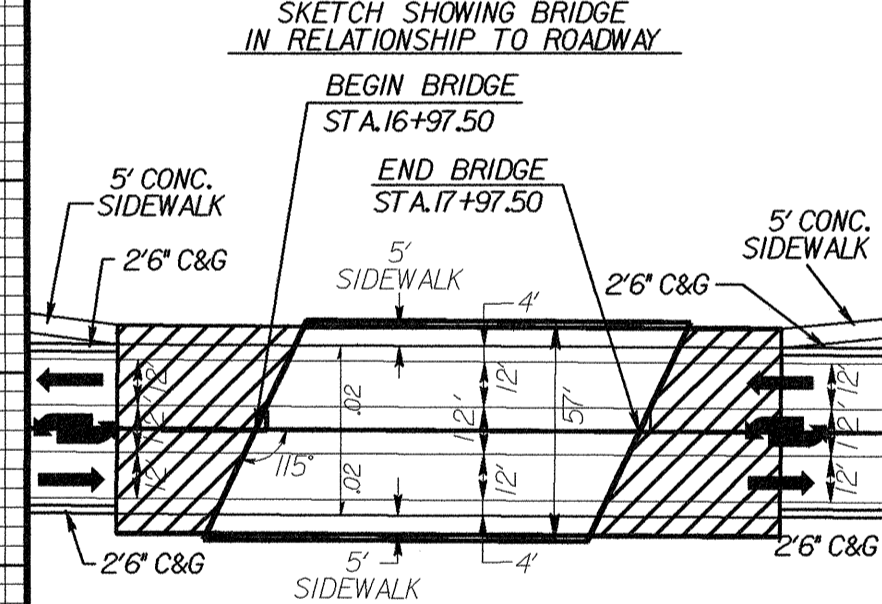
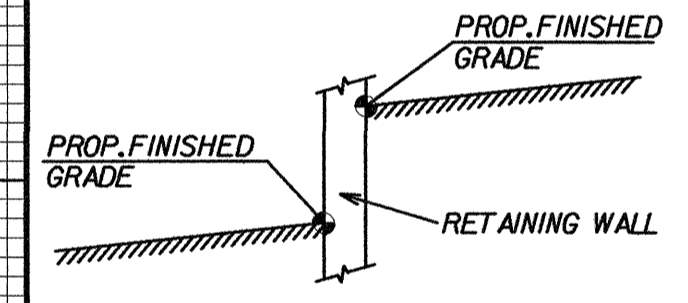


DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "FICKLEN" WITH NAD 83 STATE PLANE GRID COORDINATES OF NORTHING: 676571.734 FT EASTING: 2486874.4617 FT THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999893267 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "FICKLEN" TO -L- STATION 9+74.50 IS N 67° 53' 32.23" W 2781.9366 FT

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES



BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 4470 CFS
DESIGN FREQUENCY	= 50 YRS
DESIGN HW ELEVATION	= 33.98 FT
BASE DISCHARGE	= 4930 CFS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 34.31 FT
OVERTOPPING DISCHARGE	= +/- 650 CFS
OVERTOPPING FREQUENCY	= 10 YRS
OVERTOPPING ELEVATION	= 28.6 FT

DATE OF SURVEY = 10/19/01
W.S. ELEVATION AT DATE OF SURVEY = 22.26 FT

SEE STRUCTURE PLANS THROUGH

