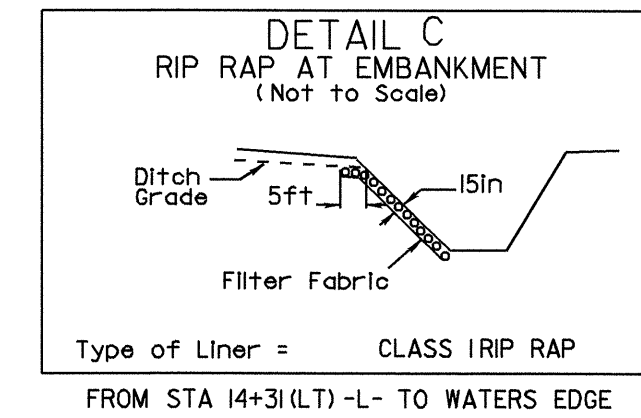
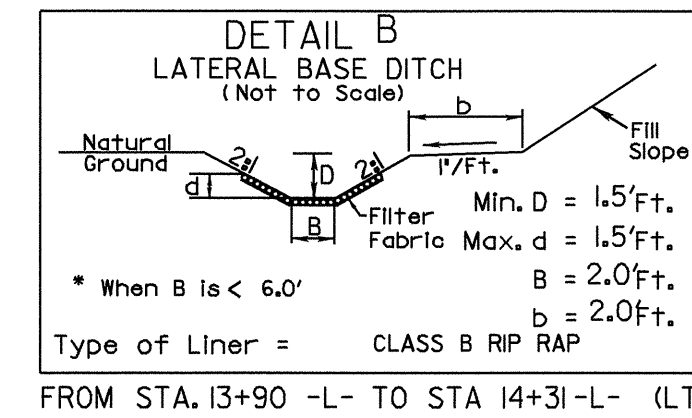
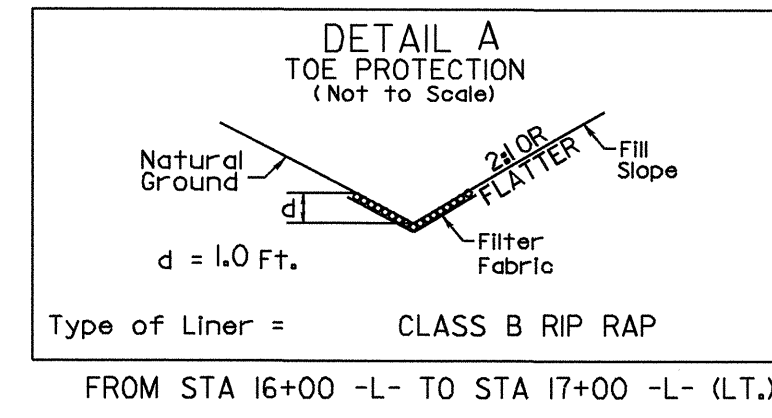


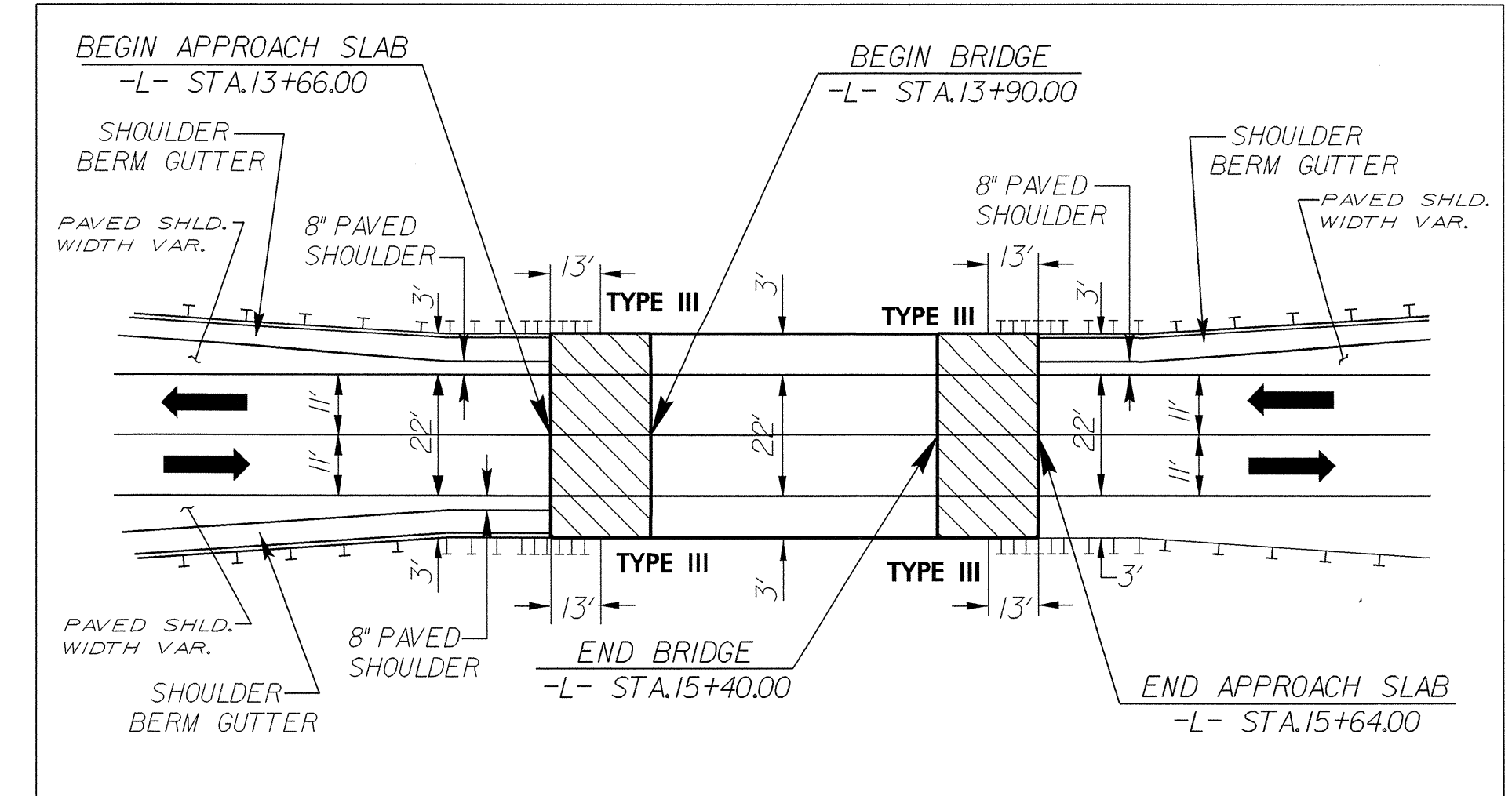
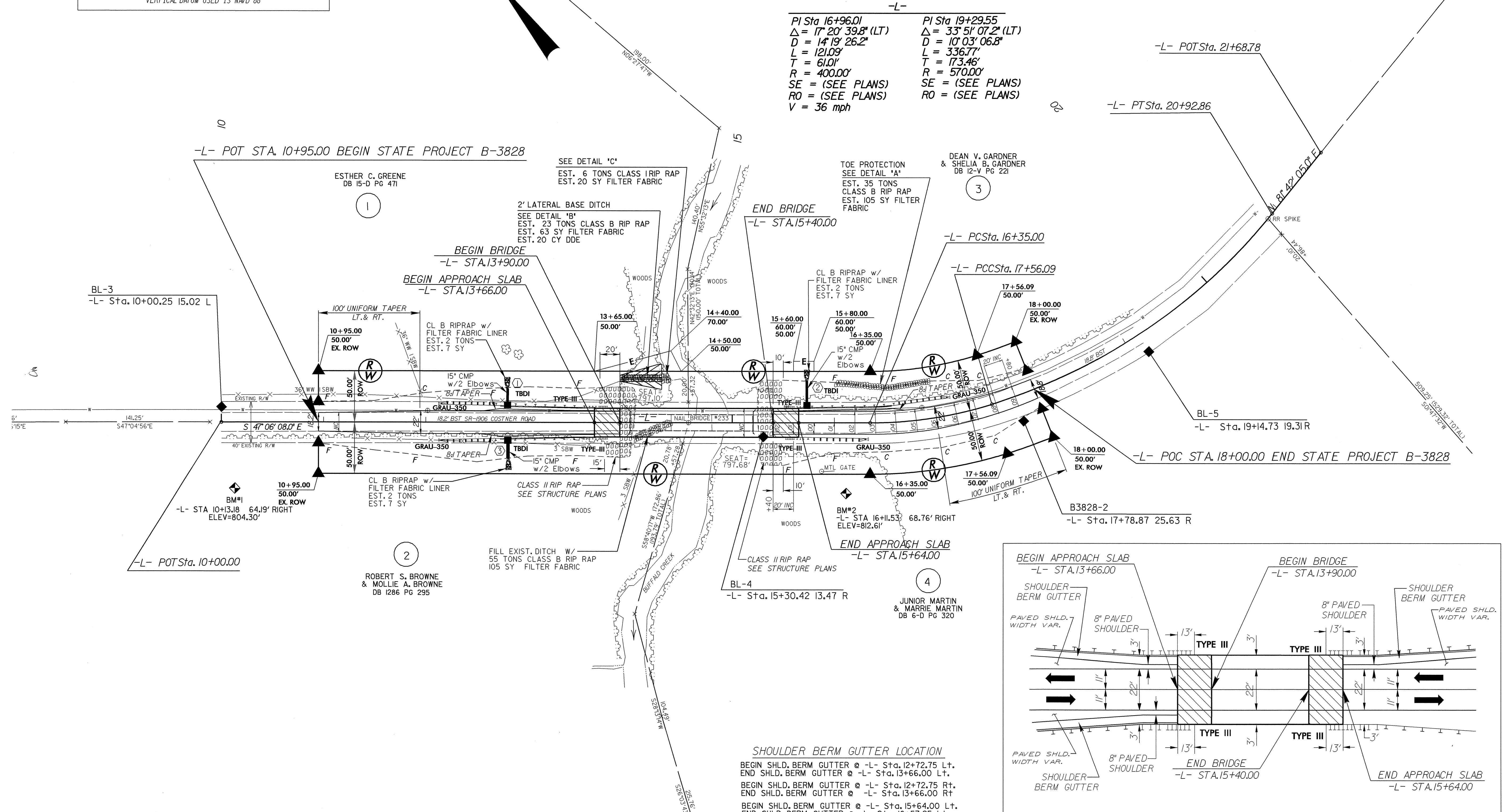
**DATUM DESCRIPTION**  
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B3828-1" WITH NAD 83 STATE PLANE GRID COORDINATES OF NORTHING: 601028.401(11) EASTING: 125972.1464(11) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9998400 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B3828-1" TO -L- STATION 10+95.00 IS S 46° 24' 50.78" E 541.18' ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

\*\*DESIGN EXCEPTION REQUIRED FOR THE DESIGN SPEED FROM 45 MPH TO 35 MPH.



NOTES:  
 FOR PROFILE SEE SHEET 5  
 FOR STRUCTURE PLANS, SEE SHEET S-1 THRU S-30

-L-  
 PI Sta 16+96.01 Δ = 17° 20' 39.8" (LT) Δ = 33° 51' 07.2" (LT)  
 D = 14' 19" 26.2" D = 10' 03" 06.8"  
 L = 121.09' L = 336.77'  
 T = 61.01' T = 173.46'  
 R = 400.00' R = 570.00'  
 SE = (SEE PLANS) SE = (SEE PLANS)  
 RO = (SEE PLANS) RO = (SEE PLANS)  
 V = 36 mph



SKETCH SHOWING RELATIONSHIP OF BRIDGE TO PAVEMENT AND SHOULDERS