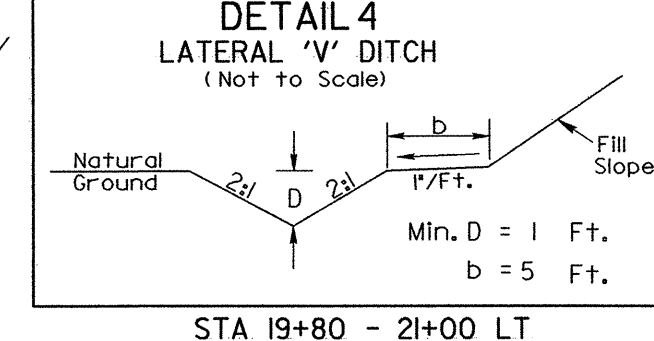
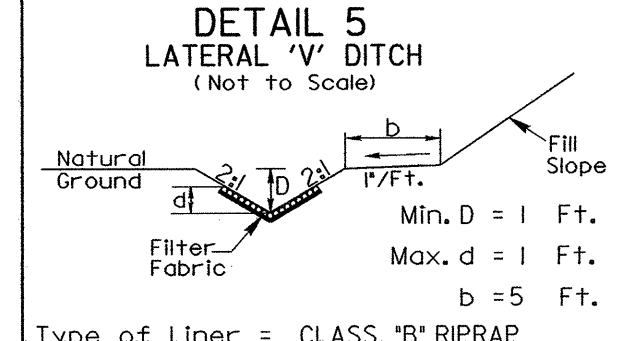
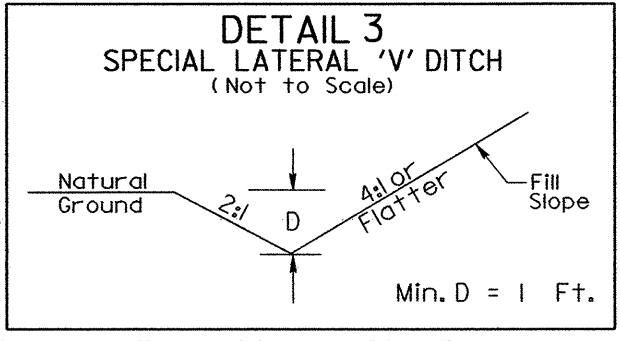


NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE-B AND TEMPORARY ROCK SILT CHECKS TYPE-A AT DRAINAGE OUTLETS.

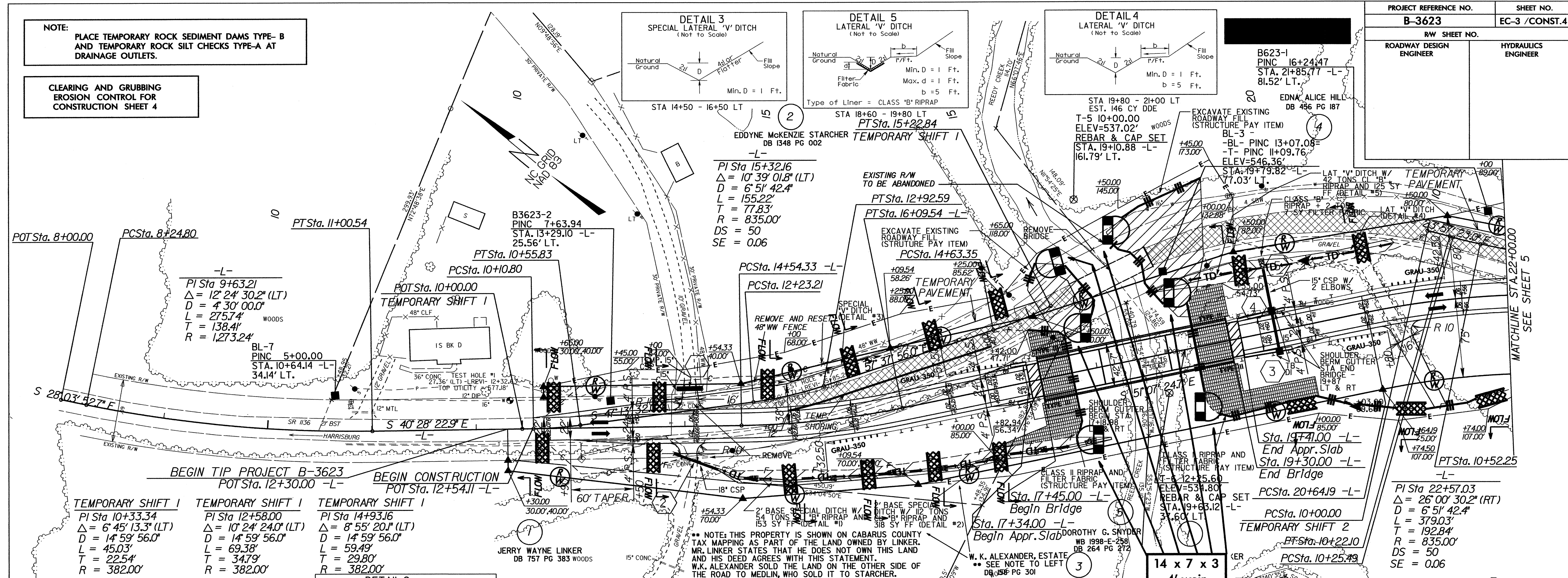
CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4



B623-1
PINC 16+24.47
STA. 21+85.77 -L-
81.52' LT.

EDNA ALICE HILL
DB 496 PG 187

EXCAVATE EXISTING ROADWAY FILL (STRUCTURE PAY ITEM)
BL-3 -
-BL- PINC 13+07.08 -
-T- PINC 11+09.76 -
ELEV=546.36'
7.03' LT.



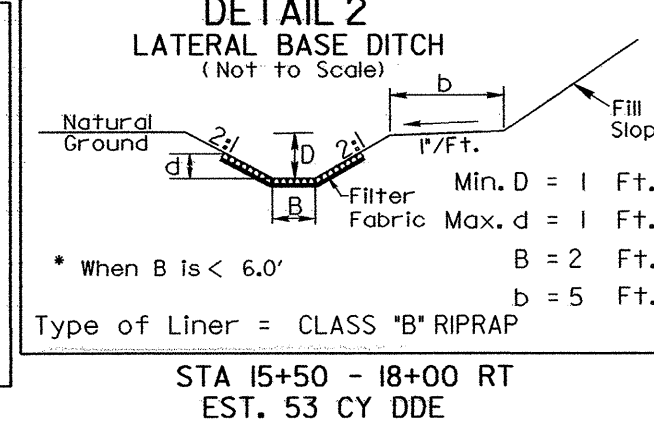
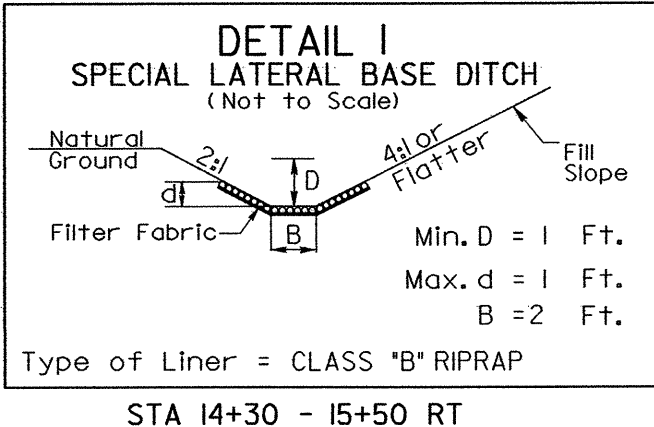
TEMPORARY SHIFT 1
PI Sta 10+33.34
 $\Delta = 6' 45'' 13.3''$ (LT)
D = 14' 59' 56.0"
L = 45.03'
T = 22.54'
R = 382.00'

TEMPORARY SHIFT 1
PI Sta 12+58.00
 $\Delta = 10' 24'' 24.0''$ (LT)
D = 14' 59' 56.0"
L = 69.38'
T = 34.79'
R = 382.00'

TEMPORARY SHIFT 1
PI Sta 14+93.16
 $\Delta = 8' 55'' 20.1''$ (LT)
D = 14' 59' 56.0"
L = 59.49'
T = 29.80'
R = 382.00'

TEMPORARY SHIFT 2
PI Sta 10+11.05
 $\Delta = 2' 55'' 39.8''$ (RT)
D = 13' 15' 00.0"
L = 22.10'
T = 11.05'
R = 432.42'

TEMPORARY SHIFT 2
PI Sta 10+38.88
 $\Delta = 4' 00'' 49.0''$ (LT)
D = 14' 59' 56.0"
L = 26.76'
T = 13.39'
R = 382.00'



BRIDGE HYDRAULIC DATA

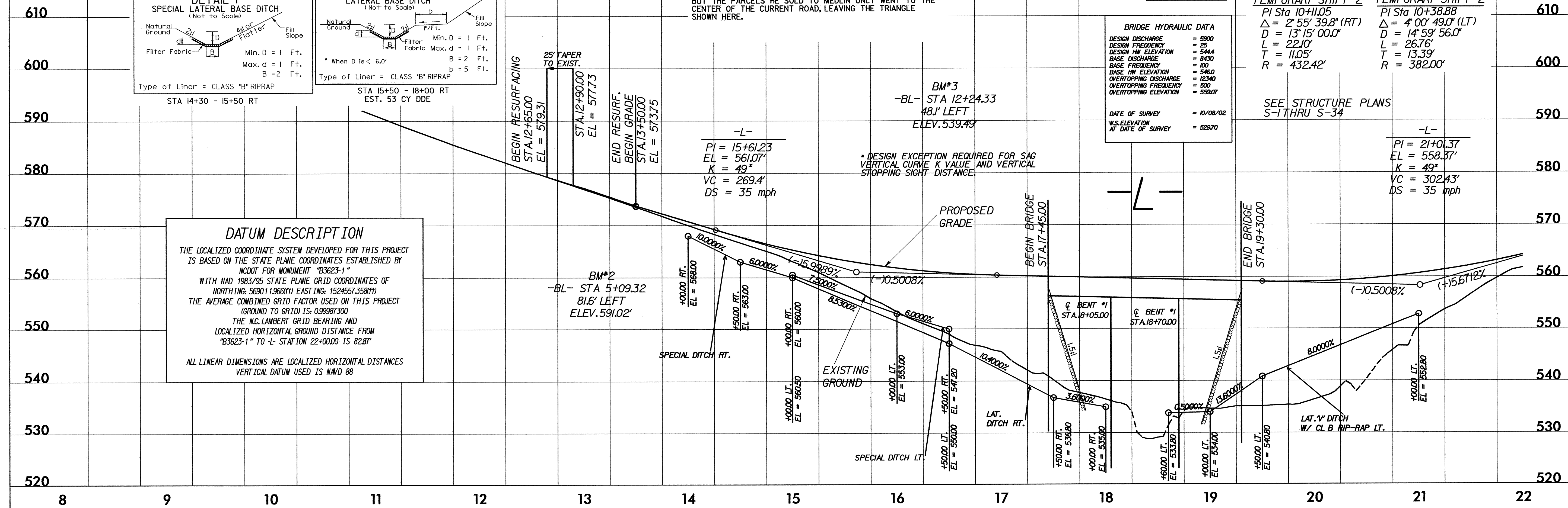
DESIGN DISCHARGE	= 5900
DESIGN FREQ	= 25
DESIGN HW ELEVATION	= 544.0
BASE DISCHARGE	= 8430
BASE FREQ	= 100
BASE HW ELEVATION	= 546.0
OVERTOPPING DISCHARGE	= 1230
OVERTOPPING FREQ	= 500
OVERTOPPING ELEVATION	= 559.07

DATE OF SURVEY = 10/08/02
W.S. ELEVATION AT DATE OF SURVEY = 52970

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: 563011366(11) EASTING: 1524557358(11) 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- STA 10+22+00.00 IS 82.87'

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



-L-
PI = 15+61.23
EL = 561.07'
K = 49'
VC = 269.4'
DS = 35 mph

* DESIGN EXCEPTION REQUIRED FOR SAG VERTICAL CURVE K VALUE AND VERTICAL STOPPING SIGHT DISTANCE

BM#2
-BL- STA 5+09.32
81.6' LEFT
ELEV. 531.02'

BM#3
-BL- STA 12+24.33
48.1' LEFT
ELEV. 539.49'

SEE STRUCTURE PLANS S-1 THRU S-34

-L-
PI = 21+01.37
EL = 558.37'
K = 49'
VC = 302.43'
DS = 35 mph