

5/14/2022

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 21

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

NOTE:
PERIMETER EROSION CONTROL MEASURES SHALL BE
INSTALLED DURING CLEARING AND GRUBBING PHASE.

NOTE:
ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED
WITHIN EXISTING RW OR EASEMENT.

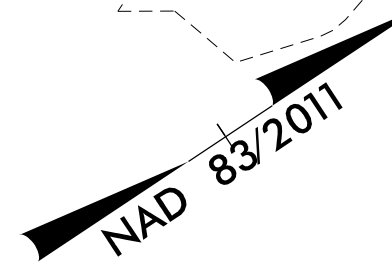
NOTE:
CONTRACTOR SHALL PROVIDE GROUND COVER ON
EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL
STABILIZATION TIMEFRAMES", SEE EC-3.

NOTE:
PRIOR TO INSTALLATION OF EROSION CONTROL DEVICES,
CONTRACTOR SHALL VERIFY BOUNDARIES OF JURISDICTIONAL
AREAS AND DELINEATE WITH SAFETY FENCE OR FLAGGING.

PROJECT REFERENCE NO. 1-5987B
SHEET NO. EC-22/CONST.21
RW SHEET NO.
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER

LEVEL III CERTIFIED BY:
MATTHEW HARVEY, PE
CERTIFICATION NUMBER: 3487
ISSUED: MARCH 15, 2022

ETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

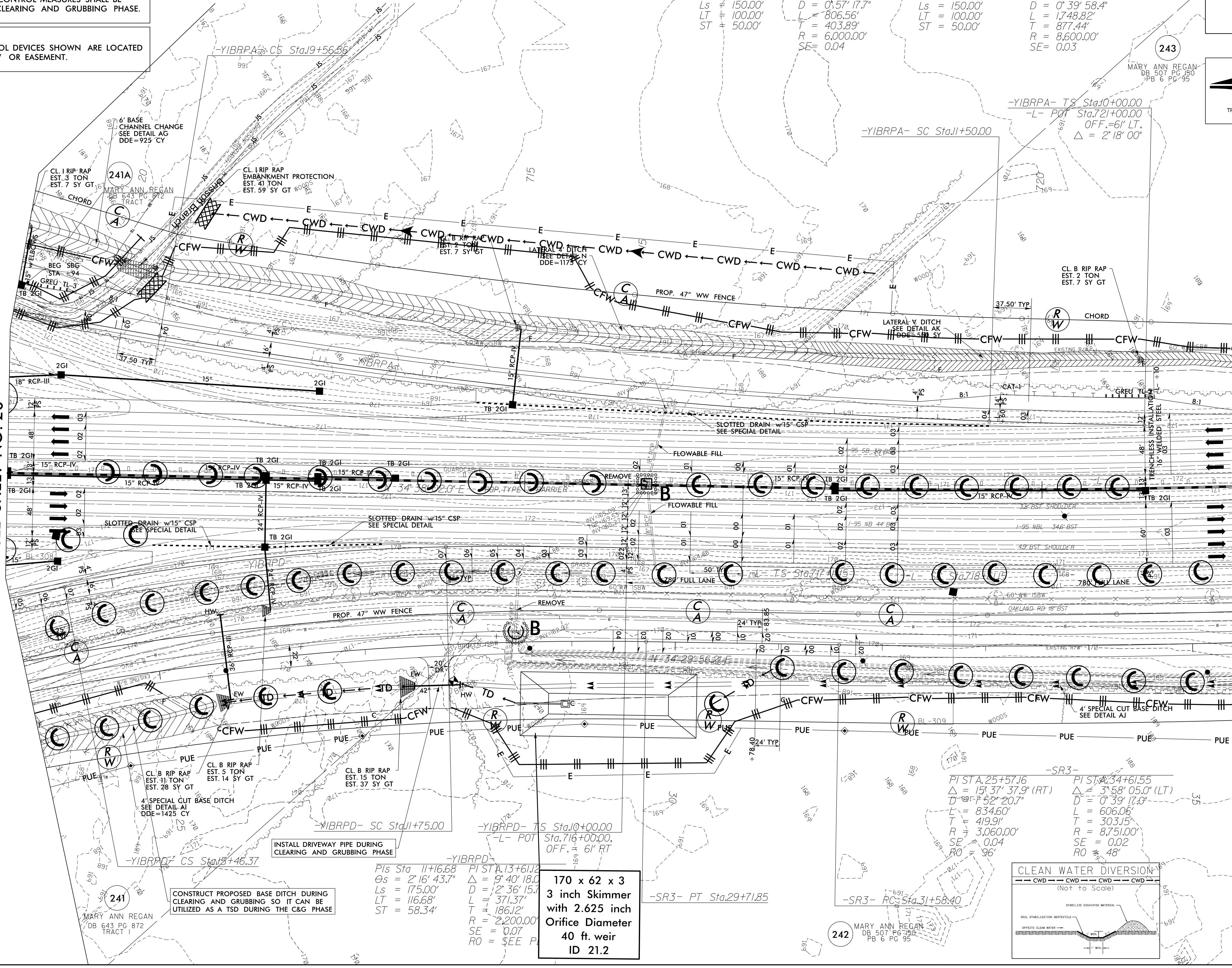


-YIBRPA-
PI STA 11+00.00 PI STA 15+53.89
Δs = 0° 42' 58.3" Δ = 7' 42' 07.7" (RT)
Ls = 150.00' D = 0' 57' 17.7"
LT = 100.00' L = 806.56'
ST = 50.00' T = 403.89'
R = 6,000.00'
SE = 0.04

-L-
PI STA 718+11.5 PI STA 727+38.59
Δs = 0° 29' 58.8" Δ = 1' 39' 04.3" (LT)
Ls = 150.00' D = 0' 39' 58.4"
LT = 100.00' L = 1,748.82'
ST = 50.00' T = 877.44'
R = 8,600.00'
SE = 0.03

MATCHLINE -L- STA. 710+00.00
SEE SHEET NO. 20

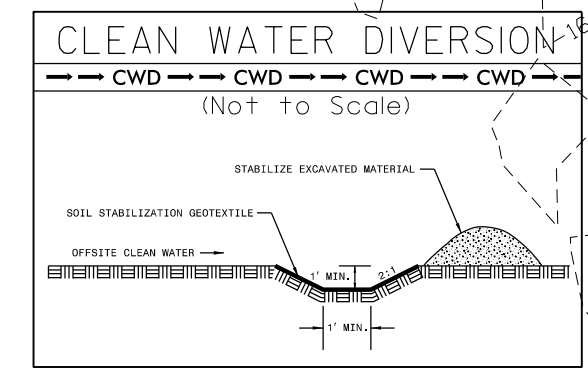
MATCHLINE -L- STA. 722+00.00 SEE SHEET NO. 22



INSTALL DRIVEWAY PIPE DURING
CLEARING AND GRUBBING PHASE

CONSTRUCT PROPOSED BASE DITCH DURING
CLEARING AND GRUBBING SO IT CAN BE
UTILIZED AS A TSD DURING THE C&G PHASE

170 x 62 x 3
3 inch Skimmer
with 2.625 inch
Orifice Diameter
40 ft. weir
ID 21.2



REVISIONS

3/14/2022
E:\projects\15987B_EC_PSH_21.CG.dgn
Matt MacDonald