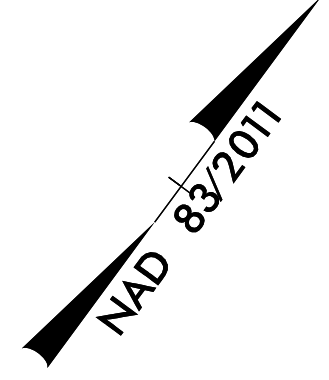


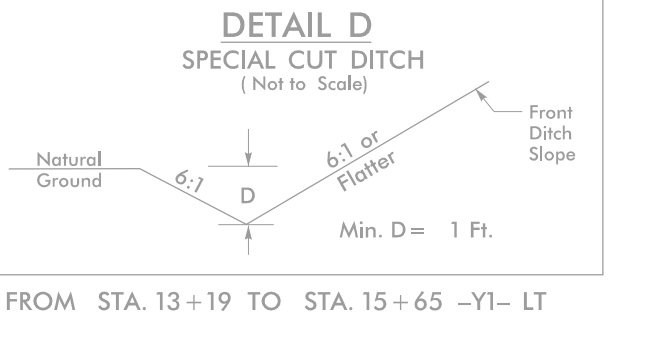
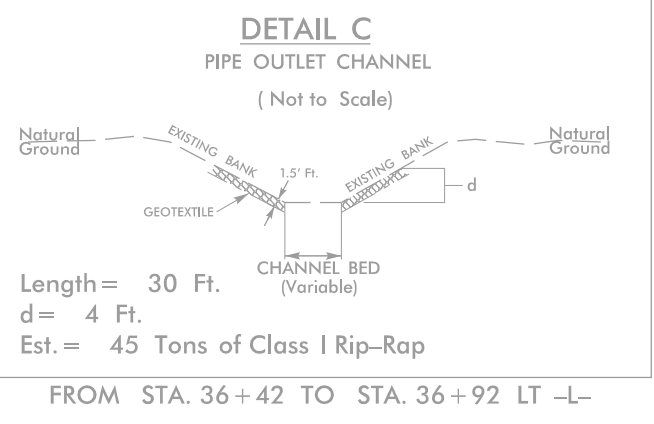
PROJECT REFERENCE NO.	SHEET NO.
R-5812	EC-06/CONST.06
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

**HDR** HDR Engineering, Inc. of the Carolinas  
555 Fayetteville St. Suite 900 Raleigh, N.C. 27601  
N.C.B.E.L.S. License Number: F-0116

CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 06

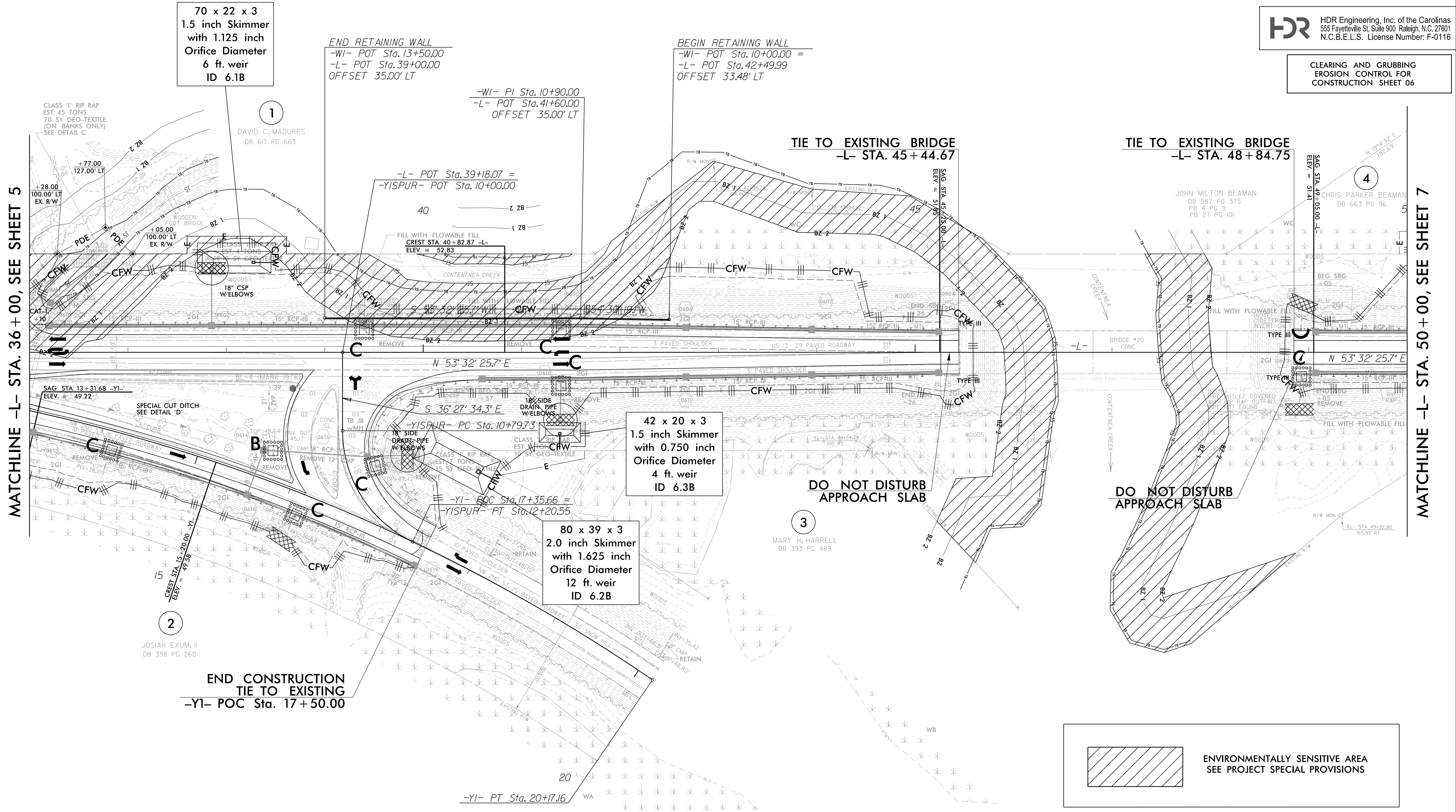


NOTE:  
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B  
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT  
DRAINAGE OUTLETS.



**-YI-**  
PI Sta 15+50.18  
 $\Delta = 30^{\circ} 28' 02.2''$  (RT)  
D = 3' 10' 59.2"  
L = 957.16'  
T = 490.18'  
R = 1,800.00'  
e = 0.06  
Lr = 180'

**-YISPUR-**  
PI Sta 11+58.67  
 $\Delta = 64^{\circ} 32' 42.7''$  (LT)  
D = 45' 50' 11.8"  
L = 140.82'  
T = 78.94'  
R = 125.00'  
e = 0.02  
Lr = 48'



70 x 22 x 3  
1.5 inch Skimmer  
with 1.125 inch  
Orifice Diameter  
6 ft. weir  
ID 6.1B

END RETAINING WALL  
-WI- POT Sta. 13+50.00  
-L- POT Sta. 39+00.00  
OFFSET 35.00' LT

BEGIN RETAINING WALL  
-WI- POT Sta. 10+00.00 =  
-L- POT Sta. 42+49.99  
OFFSET 33.48' LT

-WI- PI Sta. 10+90.00  
-L- POT Sta. 41+60.00  
OFFSET 35.00' LT

-L- POT Sta. 39+18.07 =  
-YISPUR- POT Sta. 10+00.00

TIE TO EXISTING BRIDGE  
-L- STA. 45 + 44.67

TIE TO EXISTING BRIDGE  
-L- STA. 48 + 84.75

42 x 20 x 3  
1.5 inch Skimmer  
with 0.750 inch  
Orifice Diameter  
4 ft. weir  
ID 6.3B

80 x 39 x 3  
2.0 inch Skimmer  
with 1.625 inch  
Orifice Diameter  
12 ft. weir  
ID 6.2B

DO NOT DISTURB  
APPROACH SLAB

DO NOT DISTURB  
APPROACH SLAB

END CONSTRUCTION  
TIE TO EXISTING  
-YI- POC Sta. 17 + 50.00

ENVIRONMENTALLY SENSITIVE AREA  
SEE PROJECT SPECIAL PROVISIONS

SEE SHEET NO 10 FOR -L- PROFILE  
SEE SHEET NO 12 FOR -YI- PROFILE  
SEE SHEET NO 12 FOR -YISPUR- PROFILE  
SEE SHEET NO 2B-1 FOR INTERSECTION DETAIL  
SEE SHEET NO S-1 THRU S-9 FOR RETAINING WALL PLANS

MATCHLINE -L- STA. 36 + 00, SEE SHEET 5

MATCHLINE -L- STA. 50 + 00, SEE SHEET 7

REVISIONS  
PLOT DRIVER: NCDOT\_pdf\_color\_eng\_100.pht  
USER: MMCNAMARA  
DATE: 6/23/2019  
FILE: NCDOT\2015.NCDOT\_East\_Reg.Div\_Planning\_Design\_LSA\NCDOT-R-5812-US-13\_Widening\6.0.CAD.BIM\6.2.Work\In\_Progress\R-5812\_Hydr\ouices\EROSTON\_CONTROL\NR5812\_HYD\_EC\_PSH.dgn

PENTABLE: NCDOT\_EC\_C&G\_BW.tbl  
TIME: 5:49:51 PM

DAVID C. MADURES  
DB 617 PG 663

JOSIAH EXUM, II  
DB 398 PG 260

MARY H. HARRELL  
DB 393 PG 489

CHRIS PARKER BEAMAN  
DB 663 PG 96

JOHN MILTON BEAMAN  
DB 587 PG 375  
PB 4 PG 9  
PB 27 PG 101