PROJECT REFERENCE NO.	SHEET NO.
48793.3.1	EC-4/CONST.-04
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

ICE of CAROLINAS, PLLC
ICE of Carolinas, PLLC
4505 Falls of Neuse Road, Suite 110
Raleigh, North Carolina 27609
Phone: 803-822-0333
License #: P-0999

-L_SB- US 701 SOUTHBOUND

PI Sta 107+36.80	PI Sta 111+97.65
△ = 22° 10' 41.9" (RT)	△ = 8° 12' 47.2" (LT)
D = 3° 49' 11.0"	D = 13° 13' 56.2"
L = 580.63'	L = 62.07'
T = 293.99'	T = 31.09'
R = 1,500.00'	R = 433.00'
SE = EXIST	SE = .03
DS = 25 MPH	DS = 25 MPH

-L- US 701

PI Sta 104+74.14
△ = 13° 57' 54.8" (RT)
D = 6° 21' 58.3"
L = 219.37'
T = 110.23'
R = 900.00'

-DW1- TORY HOLE PARK DRIVE

PI Sta 10+58.91
△ = 61° 33' 32.6" (RT)
D = 114° 35' 29.6"
L = 53.72'
T = 29.78'
R = 50.00'
SE = .05
DS < 15 MPH (STOP COND.)

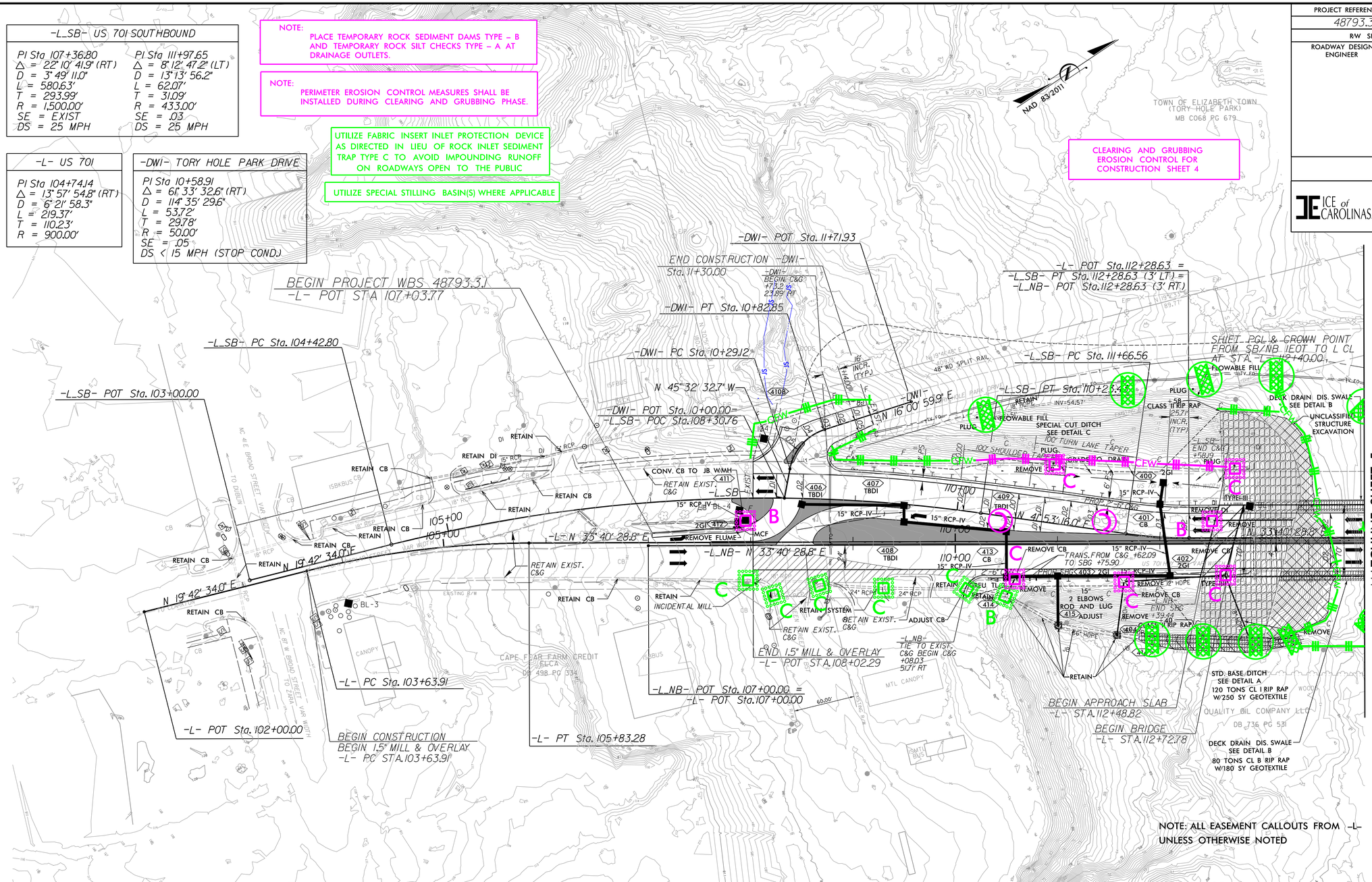
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

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

UTILIZE FABRIC INSERT INLET PROTECTION DEVICE AS DIRECTED IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C TO AVOID IMPOUNDING RUNOFF ON ROADWAYS OPEN TO THE PUBLIC

UTILIZE SPECIAL STILLING BASIN(S) WHERE APPLICABLE

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4

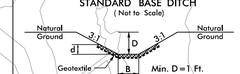


NOTE: ALL EASEMENT CALLOUTS FROM -L- UNLESS OTHERWISE NOTED

INCIDENTAL MILL AT EXIST. C&G

PAVEMENT REMOVAL

DETAIL A
STANDARD BASE DITCH
(Not to Scale)

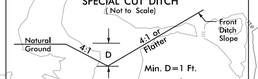


Type of Liner = CLASS I Rip-Rap
-LNB- STA. 111+80 TO 113+40 RT
L=160' S=7.7%

DETAIL B
DECK DRAIN DISSIPATER SWALE
(Not to Scale)

Type of Liner = CLASS B Rip-Rap
w=16 FT
d=1 FT
NOTE: SWALE TO BE CENTERED UNDER DECK DRAINS
-L- STA. 113+35 TO 114+70 LT
-L- STA. 113+17 TO 114+20 RT

DETAIL C
SPECIAL CUT DITCH
(Not to Scale)



-L- STA. 110+50 TO 112+50 LT.

FOR -DW1- PROFILE, SEE SHEET 9
FOR -L- PROFILE, SEE SHEET 8
FOR -L_NB- AND -L_SB- PROFILE, SEE SHEET 7

8/17/99

8/11/2020
R:\Projects\19-77 Division 6 On Call\02 US 701 over Cape Fear River_NCDOT\Hydraulics\CADD\PSH\ErosionControl\US701_EC_psh04_C&G.dgn
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