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PROJECT REFERENCE NO.	SHEET NO.
48793.3.1	4
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 039183 ENGINEER
DocuSigned by: Bob Kirby III
5CF142D8B9524E2...
9/2/2020

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 20754 ENGINEER
DocuSigned by: William Scott Stephens, Jr.
7D18C5F72199474...
9/2/2020

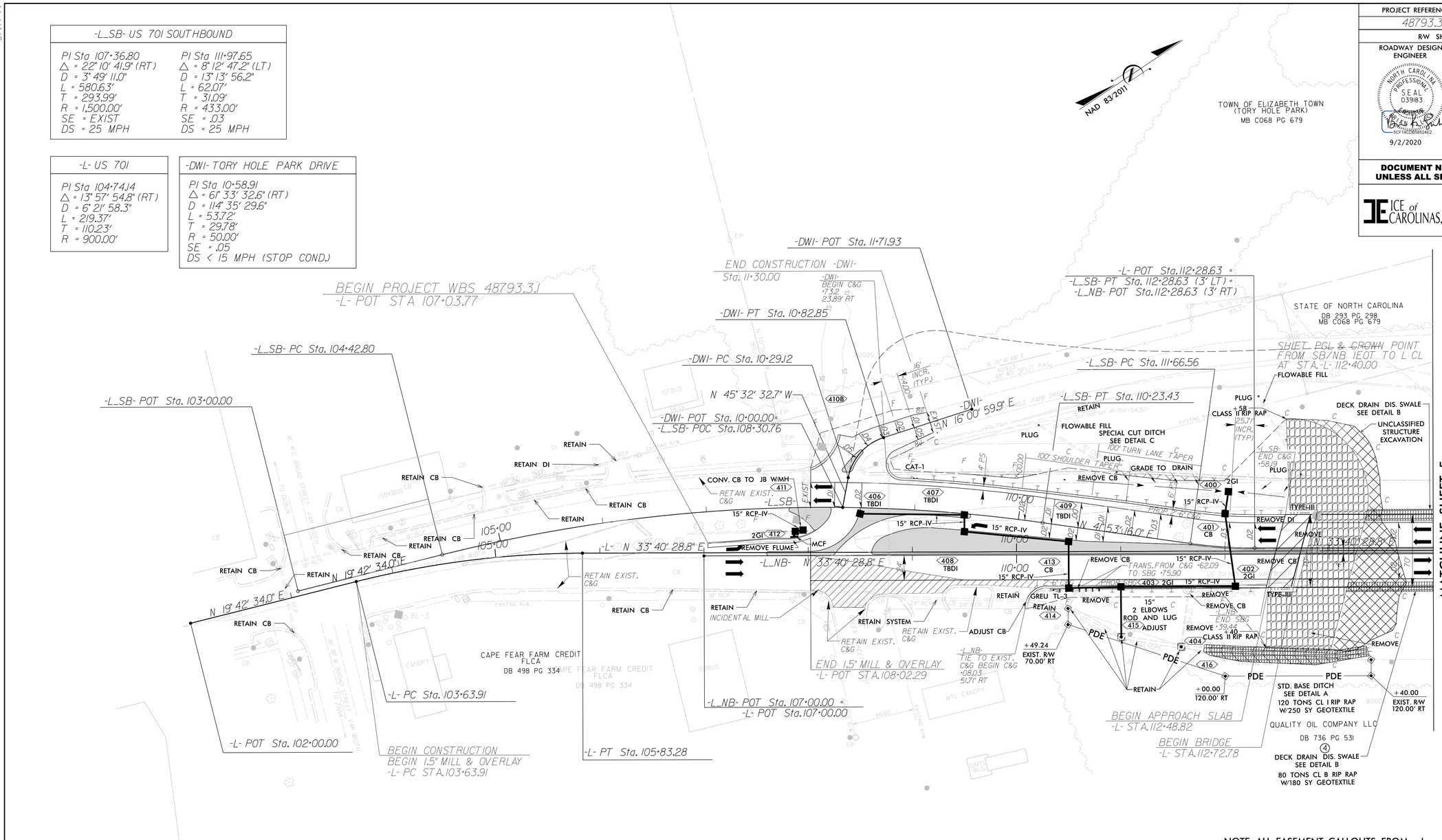
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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
Δ = 22° 10' 41.9" (RT)	Δ = 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

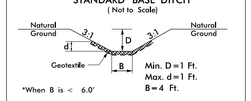
-L- US 701
PI Sta 104+74.14
Δ = 13° 57' 54.8" (RT)
D = 6° 21' 58.3"
L = 219.37'
T = 110.23'
R = 900.00'

-DWI- TORY HOLE PARK DRIVE
PI Sta 10+58.91
Δ = 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.)



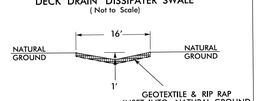
NOTE: ALL EASEMENT CALLOUTS FROM –L– UNLESS OTHERWISE NOTED

DETAIL A
STANDARD BASE DITCH
(Not to Scale)



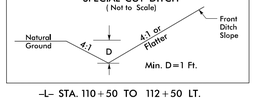
Type of Liner= CLASS I Rip-Rap
–LNB– STA. 111+80 TO 113+40 RT
L=160' S=7.7%

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.

INCIDENTAL MILL AT EXIST. C&G

PAVEMENT REMOVAL

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

9:42:55 AM
R:\Projects\19-77 Division 6 On Call\02 US 701 over Cape Fear River_NCDOT\Roadway\Proj\Plansheets\US701_rdy_psh04.dgn
Brian Lusk