PROJECT REFERENCE NO.	SHEET NO.
EB-5923	8
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
2/18/2022	2/18/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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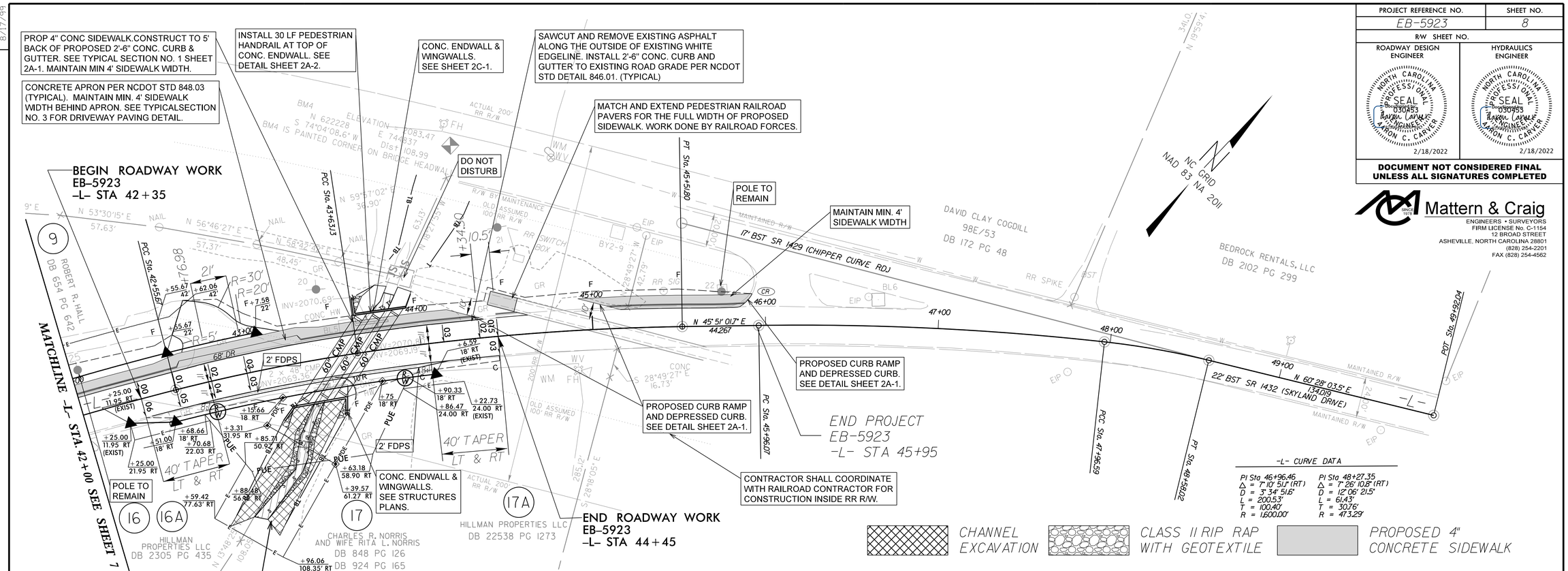
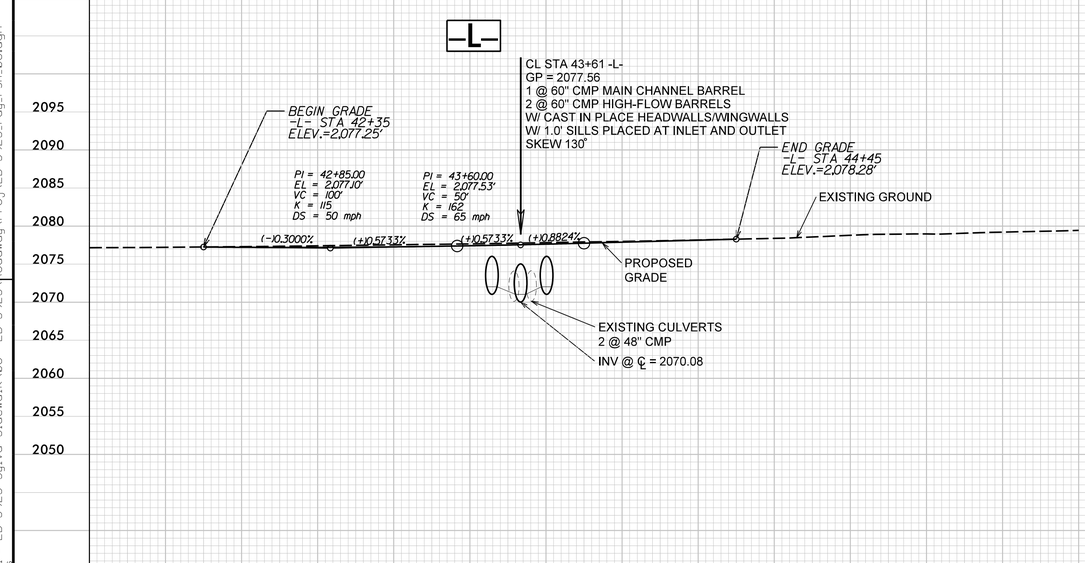


-L- CURVE DATA

PI Sta 46+96.46	PI Sta 48+27.35
Δ = 7° 10' 51.1" (RT)	Δ = 7° 26' 10.8" (RT)
D = 3° 34' 51.6"	D = 12° 06' 21.5"
L = 200.53'	L = 61.43'
T = 100.40'	T = 30.76'
R = 1,600.00'	R = 473.29'



CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	= 680 CFS
DESIGN FREQUENCY	= 100-YEAR FEMA
DESIGN HW ELEVATION	= 2,080.1 FT
BASE DISCHARGE	= 500 CFS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 2,079.4 FT
OVERTOPPING DISCHARGE	= 320 CFS
OVERTOPPING FREQUENCY	= 10+ YRS
OVERTOPPING ELEVATION	= 2,078.1 FT
W.S. ELEVATION AT DATE OF SURVEY (DECEMBER 2018)	= 2,073.5 FT

BM4 ELEVATION = 2083.47
N 622228 E 744837
S 74^04'08.6" W Dist 108.99
BM4 IS PAINTED CORNER ON BRIDGE HEADWALL

BM5 ELEVATION = 2082.99
N 622583 E 745662
BL STATION 4+86.00
N 75^08'34.3" E Dist 151.92
BM5 IS RR SPIKE SET IN BASE OF RR CROSSING SIGN

REVISIONS

8/17/99

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