

16+50 17+00 17+50 18+00 18+50

$+0.9046\%$ (-10.5862%)
 PVI STA. = 16+83.00 -L-
 PVI EL. = 68.63'
 V.C. = 230'

GRADE DATA -L-

FILL FACE @ END BENT 1
 STA. 17+03.50 -L-
 GRADE POINT EL. 68.22

BEGIN FRONT SLOPE
 STA. 16+97.64 -L-
 GRADE POINT EL. 68.22

EARTH BERM 5'-0"±

EXISTING SUBSTRUCTURE (TYP.)

SPAN A

1'-6" TO LIMITS OF UNCLASSIFIED STRUCTURE EXCAVATION (TYP.)

FILL FACE @ END BENT 2
 STA. 17+88.50 -L-
 GRADE POINT EL. 68.01

BEGIN FRONT SLOPE
 STA. 17+94.64 -L-
 GRADE POINT EL. 67.98

EARTH BERM 4'-8"±

APPROXIMATE NATURAL GROUND LINE

EL. 65.0±

EL. 64.0±

EL. 55.0±

EL. 63.10

EL. 63.0±

UNCLASSIFIED STRUCTURE EXCAVATION

HP12X53 STEEL PILES

LOW CHORD EL. 63.31

2'-0" (TYP.)

EXCAVATE TO EL. 60.0 (GRADE TO DRAIN)

RIP RAP CLASS II 2'-0" THK. (TYP.)

EL. 50.0±

EL. 49.0±

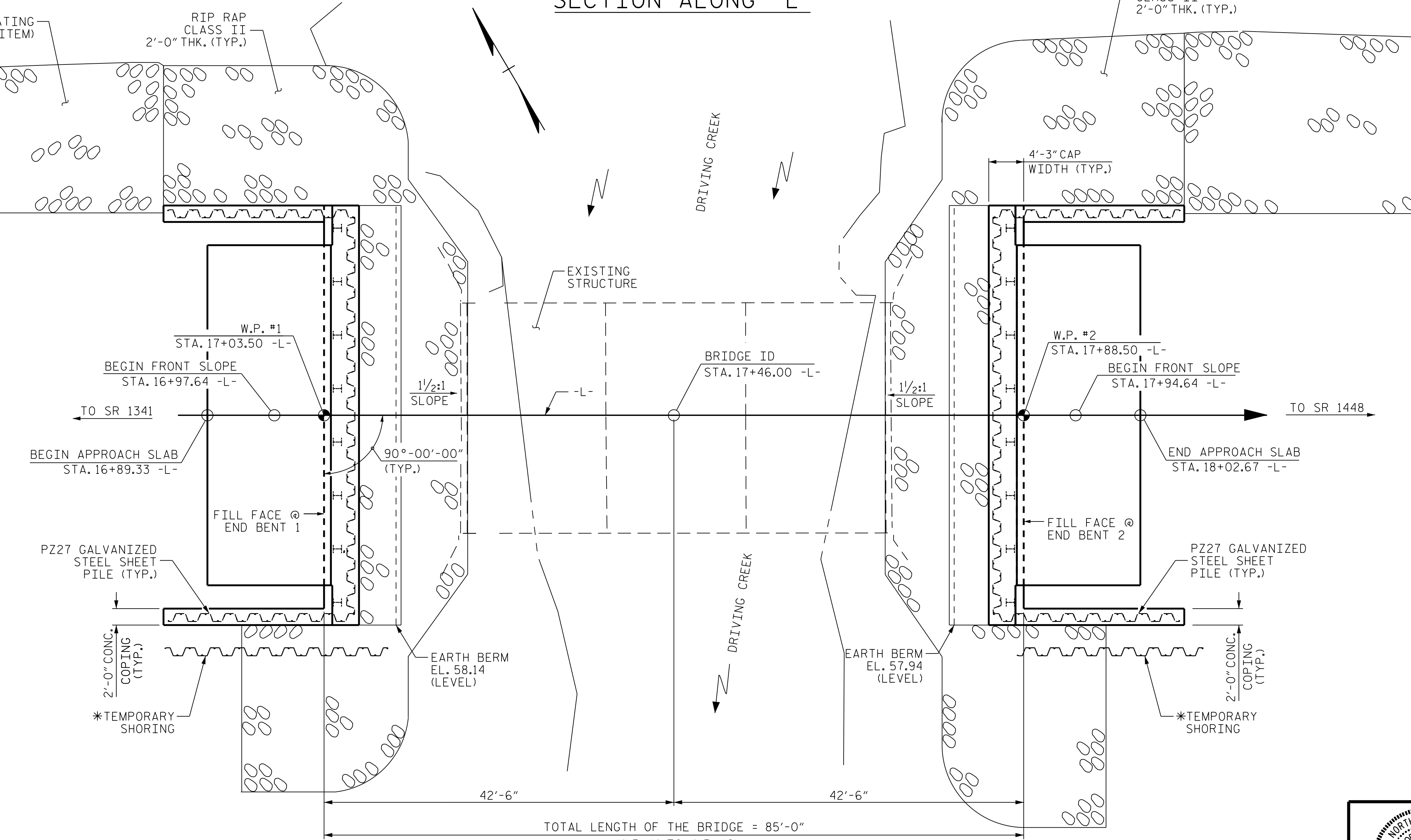
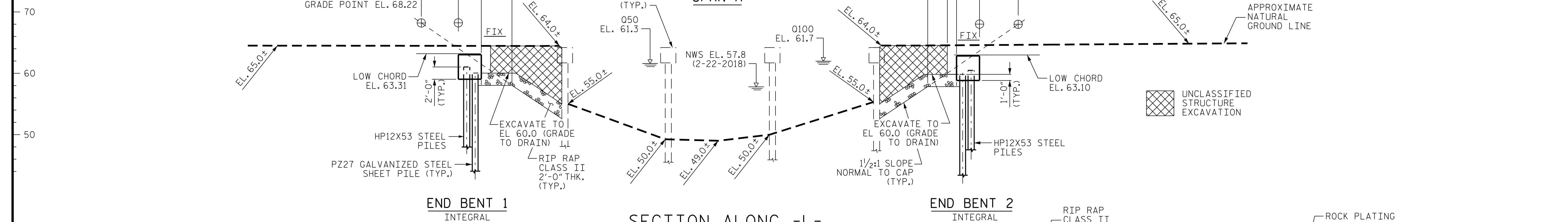
EL. 50.0±

1 1/2:1 SLOPE NORMAL TO CAP (TYP.)

1'-0" (TYP.)

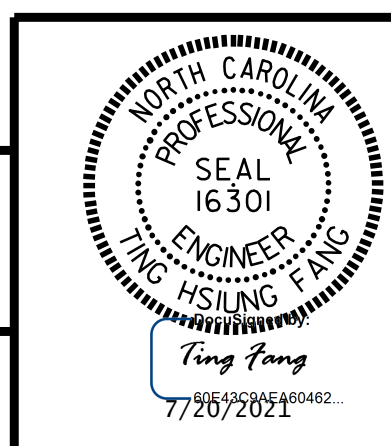
HP12X53 STEEL PILES

LOW CHORD EL. 63.10



PROJECT NO. B-5624
 BRUNSWICK COUNTY
 STATION: 17+46.00 -L-
 SHEET 1 OF 3 REPLACES BRIDGE NO. 57

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 FOR BRIDGE OVER DRIVING CREEK ON NC 211 BETWEEN SR 1341 AND SR 1448



CDM Smith
 CDM SMITH
 5400 Glenwood Avenue, Suite 400
 Raleigh, NC 27612-3228
 NC COA No. F-1255

DWG. No. _____
 DRAWN BY: JJR DATE: 9/20
 CHECKED BY: THF DATE: 10/20
 DESIGN ENGINEER: VDK DATE: 11/20

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-01
1			3			TOTAL SHEETS
2			4			20

FILE: SPILES
 DATE: 5/24/25

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED