

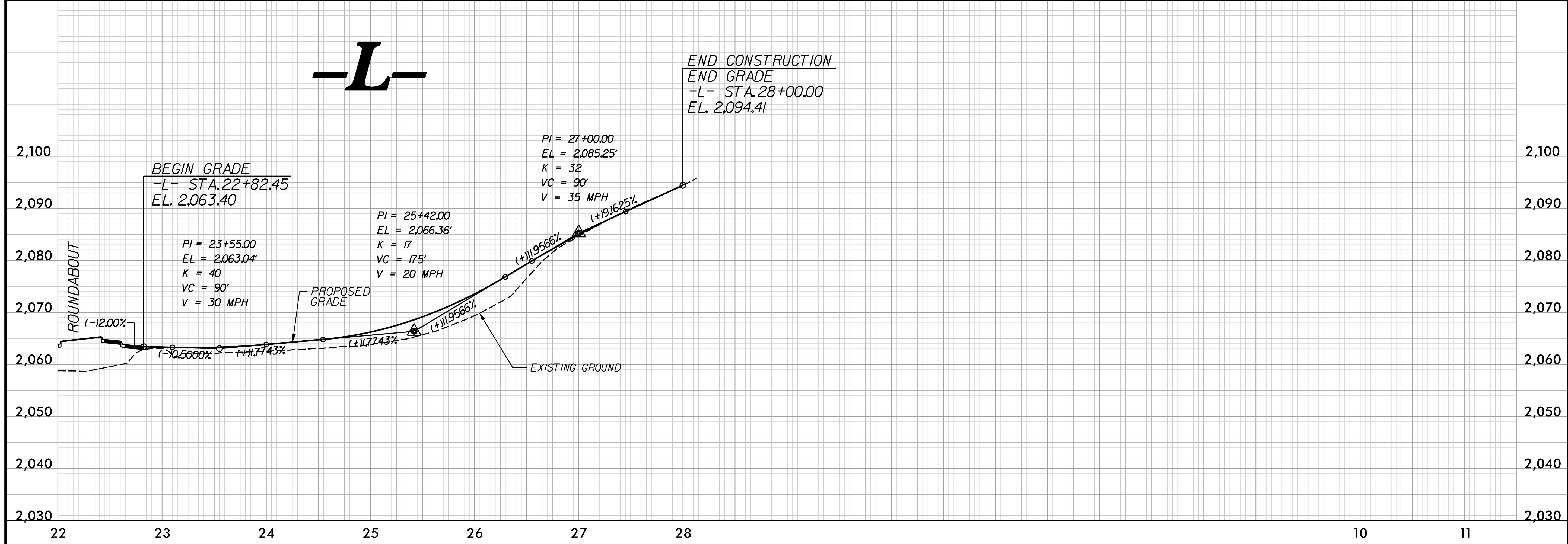
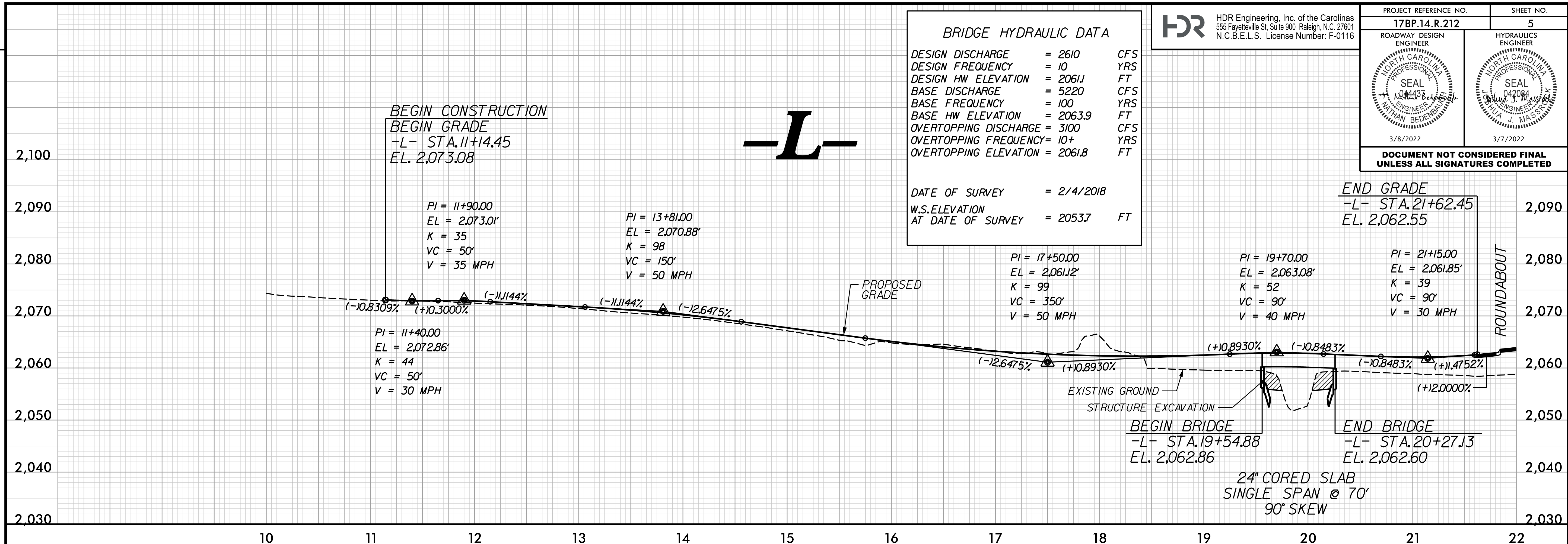
PROJECT REFERENCE NO. <b>17BP.14.R.212</b>	SHEET NO. <b>5</b>
ROADWAY DESIGN ENGINEER <i>[Signature]</i> SEAL 044438 MATTHEW BEDEMBER 3/8/2022	HYDRAULICS ENGINEER <i>[Signature]</i> SEAL 042084 J. J. MASSIE 3/7/2022
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

**BRIDGE HYDRAULIC DATA**

DESIGN DISCHARGE	= 2610	CFS
DESIGN FREQUENCY	= 10	YRS
DESIGN HW ELEVATION	= 2061.1	FT
BASE DISCHARGE	= 5220	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 2063.9	FT
OVERTOPPING DISCHARGE	= 3100	CFS
OVERTOPPING FREQUENCY	= 10+	YRS
OVERTOPPING ELEVATION	= 2061.8	FT

DATE OF SURVEY	= 2/4/2018
W.S.ELEVATION AT DATE OF SURVEY	= 2053.7 FT



PLOT DRIVER: NCDOT\_color\_eng\_50.plt  
 USER: JMAS5ROC  
 FILE: NCDOT\NCDOT\_Western\_Div\_Or-Cell\_M\_NCDOT-17BP.14.R.212\_Culwhee6.0\_CAD\_BIM6.2\_Work\_In\_Progress\17BP.14.R.212\_Roadway\Proj\490159\_RDY\_PSH05.dgn  
 PENTABLE: NCDOT\_pshp.plt.tdi  
 TIME: 3:04:07 PM  
 DATE: 3/2/2022

REVISIONS