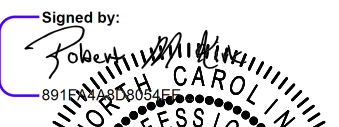
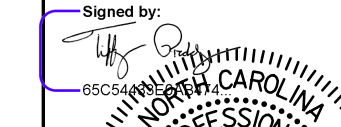
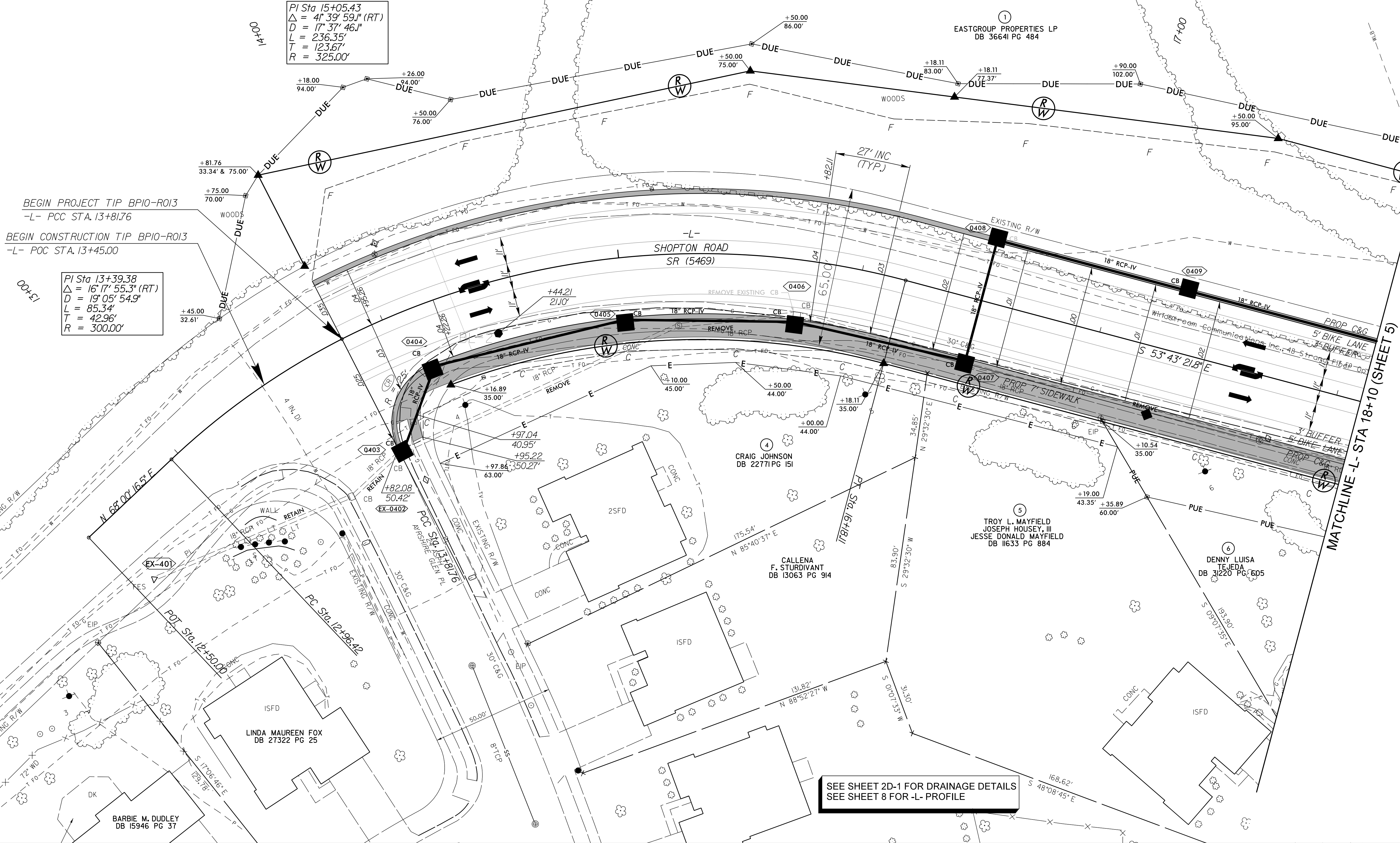


8/17/99

st

STV Engineers, Inc.
215 Hawkins Street, Suite 1400
Charlotte, NC 28203
NC License Number F-0991

PROJECT REFERENCE NO.		SHEET NO.
BP10-R013		4
RW SHEET NO.		HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER		
Signed by:  ROBERT M. KIRK Professional Engineer SEAL 042069 6/5/2025		Signed by:  TIFFANY A. PREDDY Professional Engineer SEAL 051699 6/6/2025
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



PI Sta 15+05.43
 $\Delta = 41^\circ 39' 59.1''$ (RT)
 $D = 17^\circ 37' 46.1''$
 $L = 236.35'$
 $T = 123.67'$
 $R = 325.00'$

BEGIN PROJECT TIP BP10-R013
-L- PCC STA. 13+81.76
BEGIN CONSTRUCTION TIP BP10-R013
-L- POC STA. 13+45.00

PI Sta 13+39.38
 $\Delta = 16^\circ 17' 55.3''$ (RT)
 $D = 19^\circ 05' 54.9''$
 $L = 85.34'$
 $T = 42.96'$
 $R = 300.00'$

SEE SHEET 2D-1 FOR DRAINAGE DETAILS
SEE SHEET 8 FOR -L- PROFILE

MATCHLINE -L- STA 18+10 (SHEET 5)

8/29/2025
F:\Projects\2025\BP10-R013\Drawings\2D\2D-1.dgn