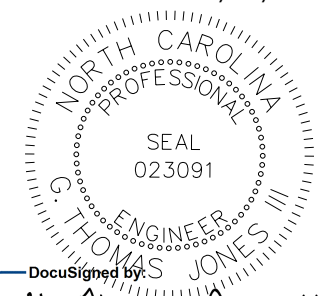
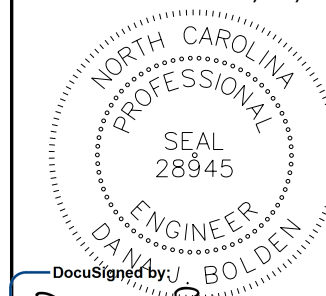
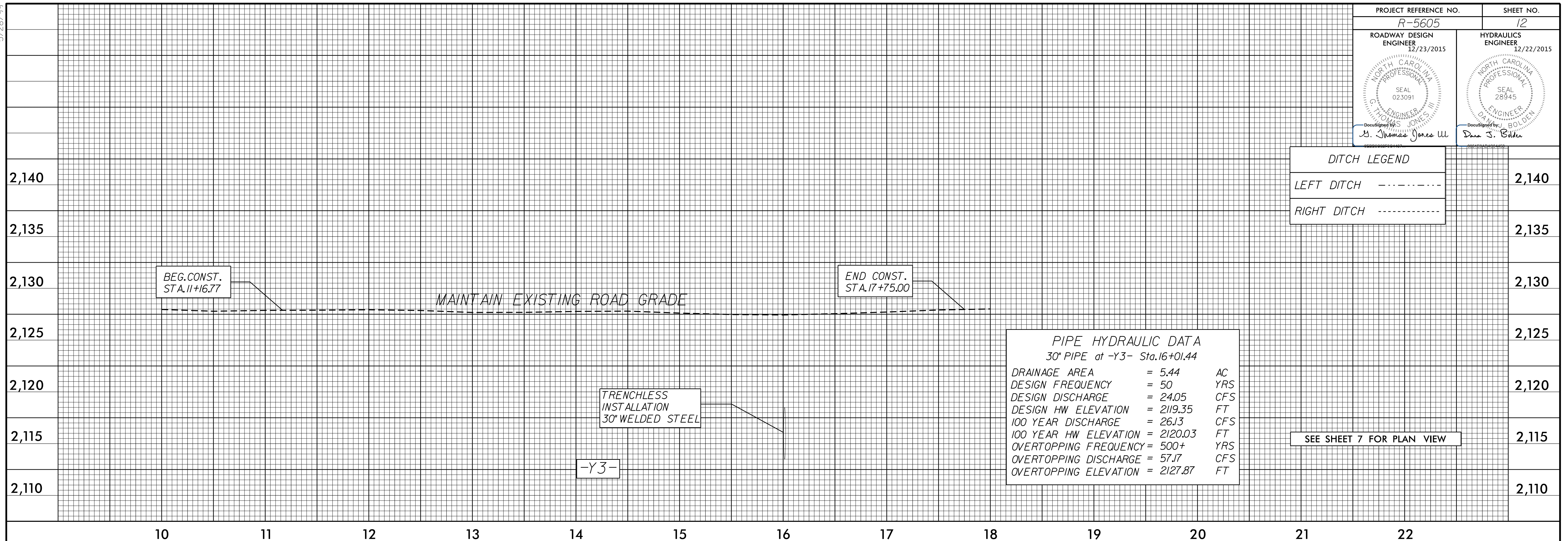


PROJECT REFERENCE NO. <i>R-5605</i>	SHEET NO. <i>12</i>
ROADWAY DESIGN ENGINEER <i>12/23/2015</i>	HYDRAULICS ENGINEER <i>12/22/2015</i>
	
<i>Thomas Jones III</i>	<i>Dana S. Bolden</i>


DITCH LEGEND	
LEFT DITCH	-----
RIGHT DITCH	-----



PIPE HYDRAULIC DATA		
30" PIPE at -Y3- Sta.16+01.44		
DRAINAGE AREA	= 5.44	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 24.05	CFS
DESIGN HW ELEVATION	= 2119.35	FT
100 YEAR DISCHARGE	= 26.13	CFS
100 YEAR HW ELEVATION	= 2120.03	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 57.17	CFS
OVERTOPPING ELEVATION	= 2127.87	FT

SEE SHEET 7 FOR PLAN VIEW

PLANS PREPARED BY :

 **WGLA Engineering, PLLC**
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 Hendersonville, NC 28792
 (828) 687-7177
 wglac.com

FOR
DIVISION OF HIGHWAYS

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 \$\$\$\$\$\$ PLOT \$\$\$\$\$\$