

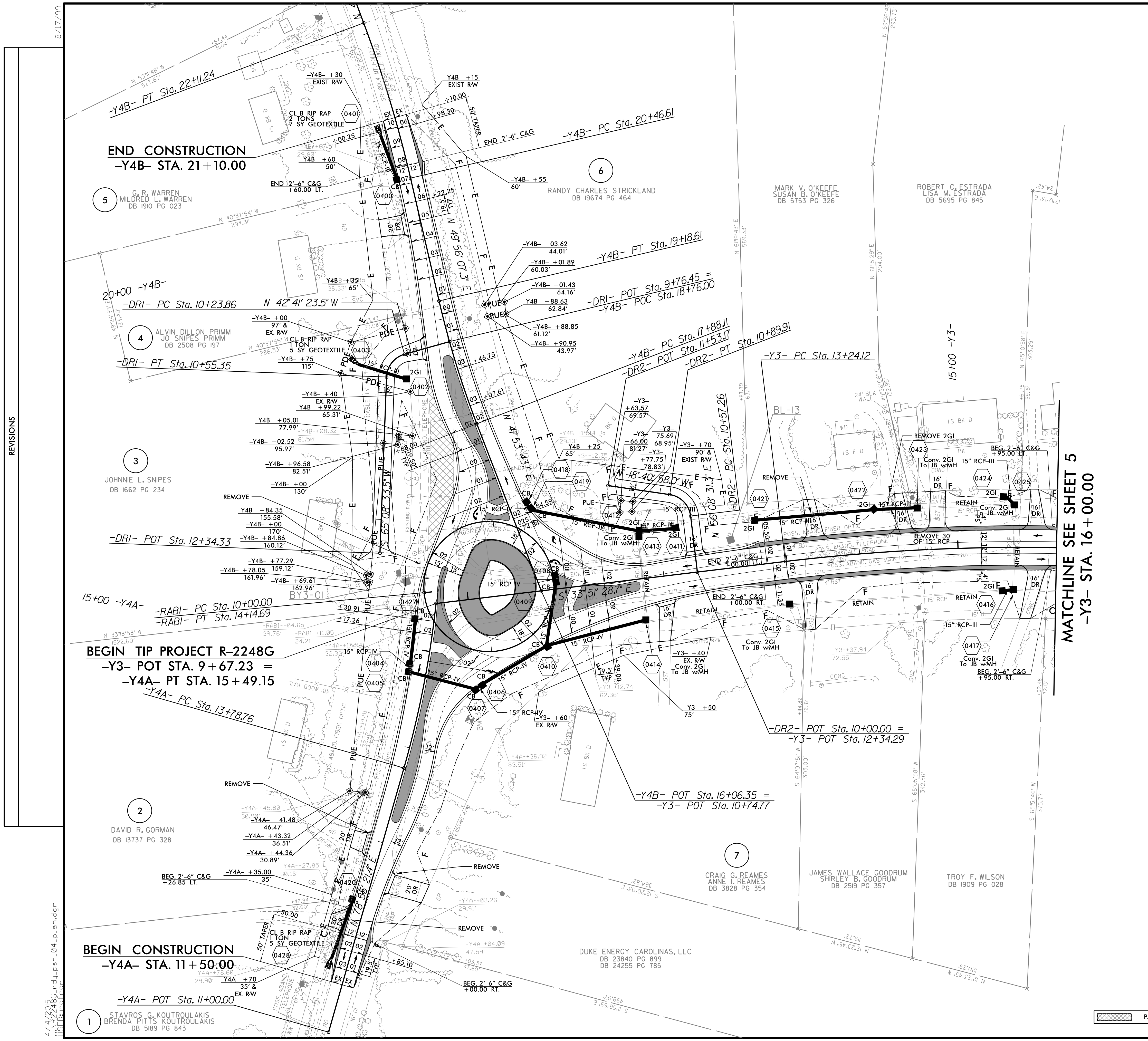
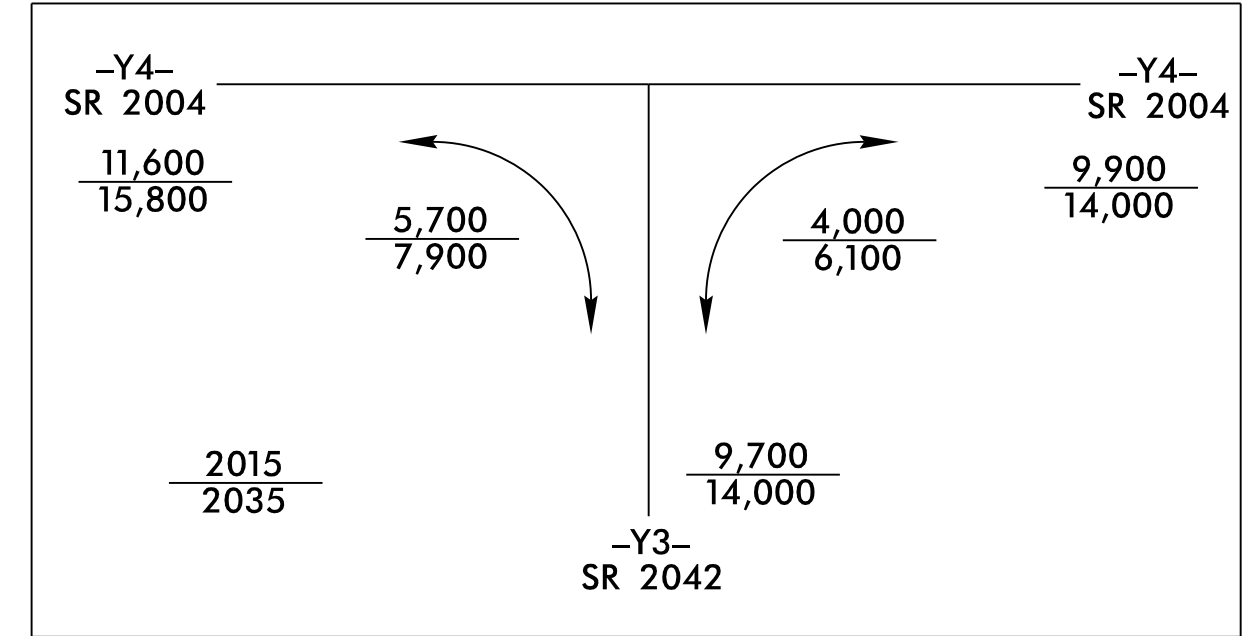
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO. <b>R-2248G</b>	SHEET NO. <b>4</b>
RW SHEET NO.	

ROADWAY DESIGN  
ENGINEER  
Bob A. May  
SEAL 21116  
ENGINEER  
BOB A. MAY  
4/21/2015

HYDRAULICS  
ENGINEER  
Aren Helmer  
SEAL 31025  
ENGINEER  
AREN HELMER  
4/24/2015



REVISIONS

MATCHLINE SEE SHEET 5  
-Y3- STA. 16 + 00.00

-RABI- CURVE DATA	-Y3- CURVE DATA	-Y4A- CURVE DATA
PI Sta 10+00.00 $\Delta = 360^{\circ} 00' 00.0''$ (LT) $D = 86^{\circ} 48' 42.4''$ $L = 414.69'$ $T = 0.00'$ $R = 66.00'$ $SE = 0.02$	PI Sta 16+26.38 $\Delta = 17^{\circ} 11' 18.0''$ (RT) $D = 2^{\circ} 51' 53.2''$ $L = 599.99'$ $T = 302.26'$ $R = 2,000.00'$ $SE = \text{SEE PLANS}$ $DS = 50 \text{ MPH}$	PI Sta 14+64.16 $\Delta = 9^{\circ} 45' 44.3''$ (LT) $D = 5^{\circ} 43' 46.5''$ $L = 170.38'$ $T = 85.40'$ $R = 1,000.00'$ $SE = \text{SEE PLANS}$ $DS = 20 \text{ MPH}$
-Y4B- CURVE DATA	-DR1- CURVE DATA	-DR2- CURVE DATA
PI Sta 18+53.47 $\Delta = 8^{\circ} 02' 24.2''$ (RT) $D = 6^{\circ} 09' 39.0''$ $L = 130.50'$ $T = 65.36'$ $R = 930.00'$ $SE = \text{SEE PLANS}$ $DS = 35 \text{ MPH}$	PI Sta 10+42.08 $\Delta = 72^{\circ} 10' 03.0''$ (LT) $D = 229^{\circ} 10' 59.2''$ $L = 31.49'$ $T = 18.22'$ $R = 25.00'$ $SE = NC$	PI Sta 10+76.39 $\Delta = 7^{\circ} 29' 09.8''$ (LT) $D = 4^{\circ} 32' 50.2''$ $L = 164.63'$ $T = 82.43'$ $R = 1,260.00'$ $SE = \text{SEE PLANS}$ $DS = 35 \text{ MPH}$

NOTE: ALL MONOLITHIC ISLANDS ARE 5" KEYED-IN.

SEE SHEET 8 FOR -Y3- PROFILE  
 SEE SHEET 9 FOR -Y4A- & -Y4B- PROFILES  
 SEE SHEET 12 FOR -RABI- PROFILE  
 SEE SHEET 12 FOR -DR1- & -DR2- PROFILE  
 SEE SHEET 2B-1 FOR ROUNDABOUT DETAIL



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