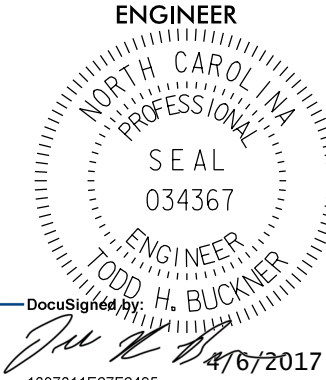
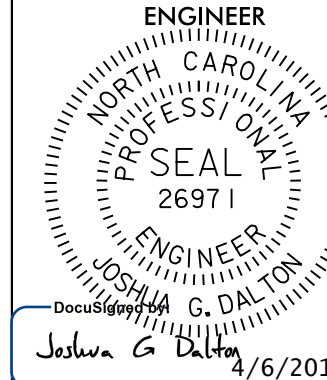

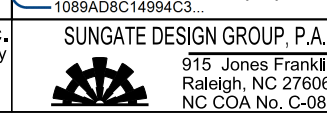


PROJECT REFERENCE NO. U-3109A		SHEET NO. 31	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
			
			
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>			

-Y10-

PI Sta 22+98.46 Δ = 2° 58' 44.7" (LT) D = 0° 57' 17.7" L = 311.97' T = 156.02' R = 6,000.00' Ds = 40 mph SE = NC	PI Sta 28+127.2 Δ = 8° 15' 37.4" (LT) D = 3° 49' 11.0" L = 216.26' T = 108.32' R = 1,500.00' Ds = 40 mph SE = 0.04 RO = 84'	PI Sta 32+49.66 Δ = 34° 10' 58.6" (RT) D = 5° 21' 17.1" L = 638.37' T = 329.00' R = 1,070.00' Ds = 40 mph SE = 0.05 RO = 105'
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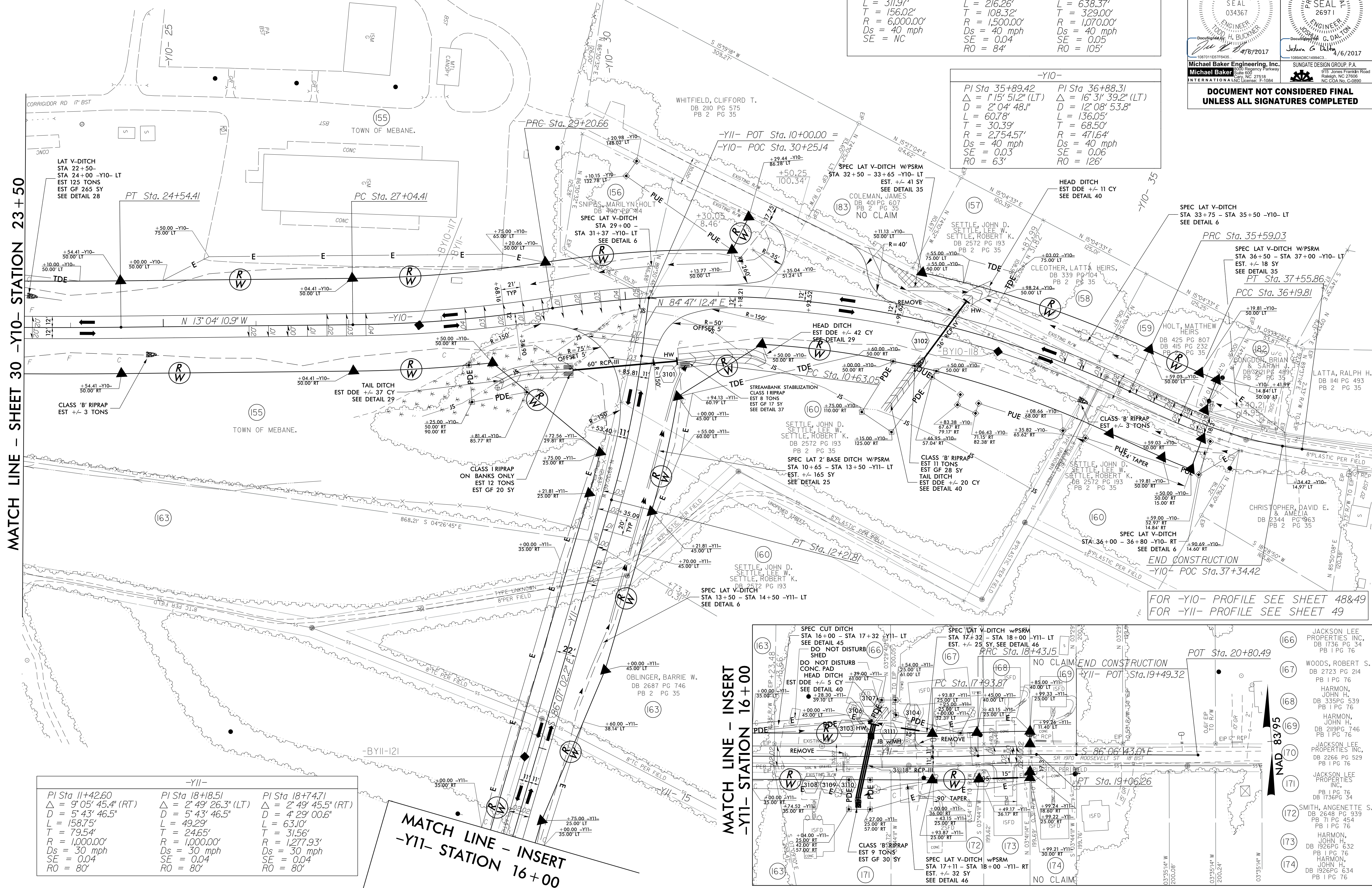
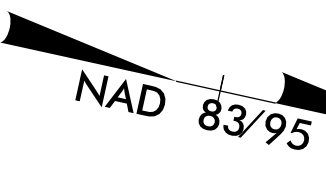
-Y10-

PI Sta 35+89.42 Δ = 1° 15' 51.2" (LT) D = 2° 04' 48.1" L = 607.8' T = 30.39' R = 2,754.57' Ds = 40 mph SE = 0.03 RO = 63'	PI Sta 36+88.31 Δ = 16° 31' 39.2" (LT) D = 12° 08' 53.8" L = 136.05' T = 68.50' R = 471.64' Ds = 40 mph SE = 0.06 RO = 126'
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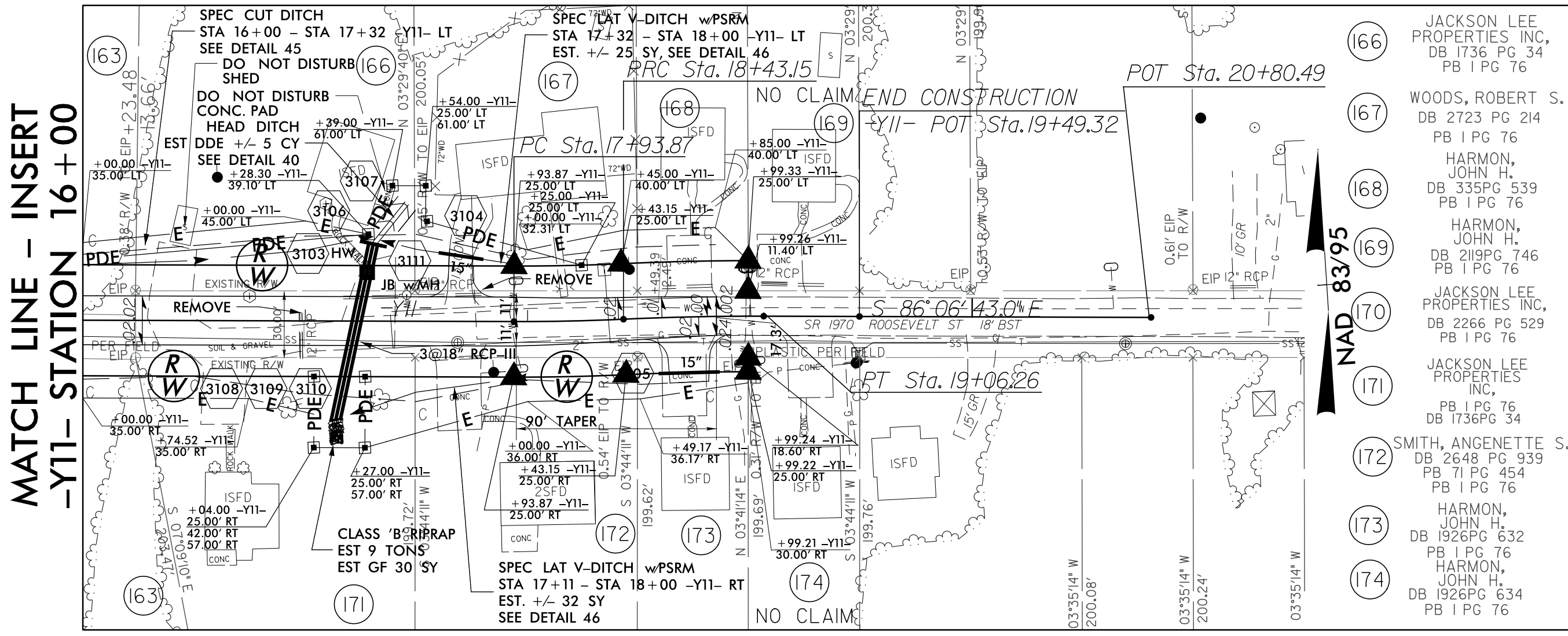
MATCH LINE - SHEET 30 -Y10- STATION 23+50

MATCH LINE - INSERT -Y11- STATION 16+00

PI Sta 11+42.60 Δ = 9° 05' 45.4" (RT) D = 5° 43' 46.5" L = 158.75' T = 79.54' R = 1,000.00' Ds = 30 mph SE = 0.04 RO = 80'	PI Sta 18+18.51 Δ = 2° 49' 26.3" (LT) D = 5° 43' 46.5" L = 49.29' T = 24.65' R = 1,000.00' Ds = 30 mph SE = 0.04 RO = 80'	PI Sta 18+74.71 Δ = 2° 49' 45.5" (RT) D = 4° 29' 00.6" L = 63.10' T = 31.56' R = 1,277.93' Ds = 30 mph SE = 0.04 RO = 80'
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FOR -Y10- PROFILE SEE SHEET 48&49
FOR -Y11- PROFILE SEE SHEET 49



REVISIONS

4/5/2017 2:08:29 PM U:\3109A_rdy.psh-31.dgn
USER: todd.buckner