

8/17/99

**V&M**  
Vaughn & Melton  
Consulting Engineers

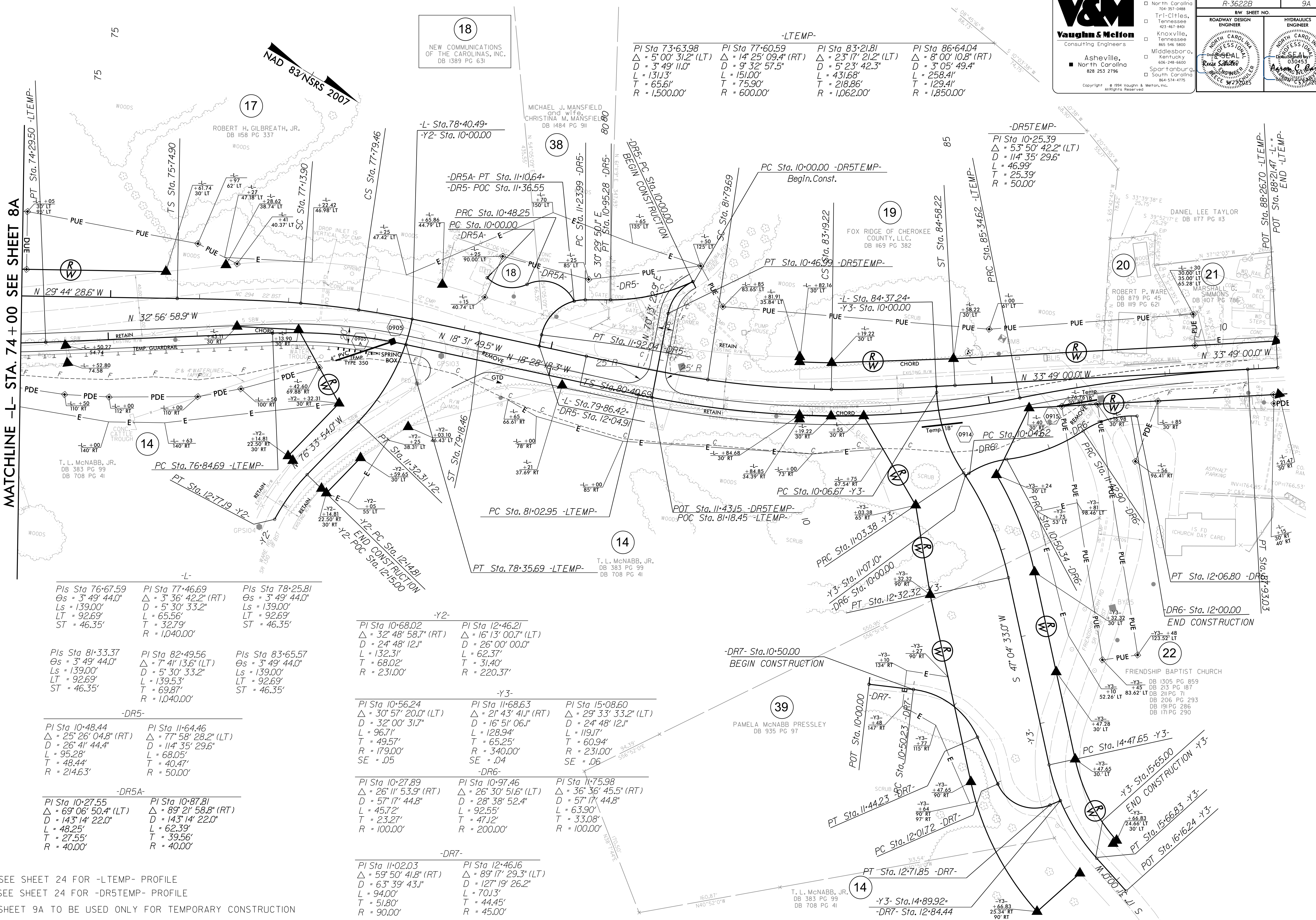
Charlotte, North Carolina 704-357-0489  
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PROJECT REFERENCE NO.	SHEET NO.
R-3622B	9A
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
ROBERT H. GILBREATH, JR. DB 158 PG 337	DANIEL LEE TAYLOR DB 177 PG 113

MATCHLINE -L- STA. 74+00 SEE SHEET 8A



18  
NEW COMMUNICATIONS OF THE CAROLINAS, INC.  
DB 1389 PG 631

-LTEMP-

PI Sta 73+63.98 Δ = 5° 00' 31.2" (LT) D = 3° 49' 11.0" L = 131.13' T = 65.61' R = 1,500.00'	PI Sta 77+60.59 Δ = 14° 25' 09.4" (RT) D = 9° 32' 57.5" L = 151.00' T = 75.90' R = 600.00'	PI Sta 83+21.81 Δ = 23° 17' 21.2" (LT) D = 5° 23' 42.3" L = 431.68' T = 218.86' R = 1,062.00'	PI Sta 86+64.04 Δ = 8° 00' 10.8" (RT) D = 3° 05' 49.4" L = 258.41' T = 129.41' R = 1,850.00'
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-DR5TEMP-

PI Sta 10+25.39  
Δ = 53° 50' 42.2" (LT)  
D = 114° 35' 29.6"  
L = 46.99'  
T = 25.39'  
R = 50.00'

-L-

PIs Sta 76+67.59 Os = 3° 49' 44.0" Ls = 139.00' LT = 92.69' ST = 46.35'	PIs Sta 77+46.69 Δ = 3° 36' 42.2" (RT) D = 5° 30' 33.2" L = 65.56' T = 32.79' R = 1,040.00'	PIs Sta 78+25.81 Os = 3° 49' 44.0" Ls = 139.00' LT = 92.69' ST = 46.35'
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-DR5-

PIs Sta 81+33.37 Os = 3° 49' 44.0" Ls = 139.00' LT = 92.69' ST = 46.35'	PIs Sta 82+49.56 Δ = 7° 41' 13.6" (LT) D = 5° 30' 33.2" L = 139.53' T = 69.87' R = 1,040.00'	PIs Sta 83+65.57 Os = 3° 49' 44.0" Ls = 139.00' LT = 92.69' ST = 46.35'
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-DR5A-

PI Sta 10+48.44 Δ = 25° 26' 04.8" (RT) D = 26° 41' 44.4" L = 95.28' T = 48.44' R = 214.63'	PI Sta 11+64.46 Δ = 77° 58' 28.2" (LT) D = 143° 14' 22.0" L = 68.05' T = 40.47' R = 50.00'
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-DR6-

PI Sta 10+27.89 Δ = 26° 11' 53.9" (RT) D = 57° 17' 44.8" L = 45.72' T = 23.27' R = 100.00'	PI Sta 11+97.46 Δ = 28° 38' 52.4" D = 143° 14' 22.0" L = 62.39' T = 39.56' R = 40.00'	PI Sta 12+75.98 Δ = 36° 36' 45.5" (RT) D = 57° 17' 44.8" L = 63.90' T = 33.08' R = 100.00'
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-DR7-

PI Sta 11+02.03 Δ = 59° 50' 41.8" (RT) D = 63° 39' 43.1" L = 94.00' T = 51.80' R = 90.00'	PI Sta 12+46.16 Δ = 89° 17' 29.3" (LT) D = 127° 19' 26.2" L = 70.13' T = 44.45' R = 45.00'
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-Y2-

PI Sta 10+68.02 Δ = 32° 48' 58.7" (RT) D = 24° 48' 12.1" L = 132.31' T = 68.02' R = 231.00'	PI Sta 12+46.21 Δ = 16° 13' 00.7" (LT) D = 26° 00' 00.0" L = 62.37' T = 31.40' R = 220.37'
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-Y3-

PI Sta 10+56.24 Δ = 30° 57' 20.0" (LT) D = 32° 00' 31.7" L = 96.71' T = 49.57' R = 179.00'	PI Sta 11+68.63 Δ = 21° 43' 41.1" (RT) D = 16° 51' 06.1" L = 128.94' T = 65.25' SE = .04	PI Sta 15+08.60 Δ = 29° 33' 33.2" (LT) D = 24° 48' 12.1" L = 119.17' T = 60.94' SE = .06
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-DR6-

PI Sta 10+27.89 Δ = 26° 11' 53.9" (RT) D = 57° 17' 44.8" L = 45.72' T = 23.27' R = 100.00'	PI Sta 11+97.46 Δ = 28° 38' 52.4" D = 143° 14' 22.0" L = 62.39' T = 39.56' R = 40.00'	PI Sta 12+75.98 Δ = 36° 36' 45.5" (RT) D = 57° 17' 44.8" L = 63.90' T = 33.08' R = 100.00'
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-DR7-

PI Sta 11+02.03 Δ = 59° 50' 41.8" (RT) D = 63° 39' 43.1" L = 94.00' T = 51.80' R = 90.00'	PI Sta 12+46.16 Δ = 89° 17' 29.3" (LT) D = 127° 19' 26.2" L = 70.13' T = 44.45' R = 45.00'
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SEE SHEET 24 FOR -LTEMP- PROFILE  
SEE SHEET 24 FOR -DR5TEMP- PROFILE  
SHEET 9A TO BE USED ONLY FOR TEMPORARY CONSTRUCTION

\$\$\$\$\$SYTIME\$\$\$\$\$  
\$\$\$\$\$SERNAME\$\$\$\$\$