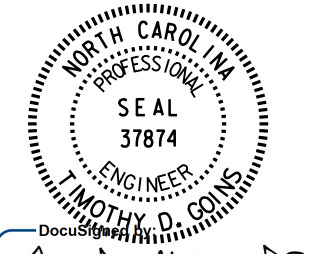
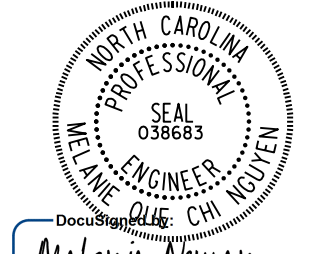


PLANS PREPARED BY
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 MI ENGINEERING
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 FIRM REGISTRATION NO. 1-0671

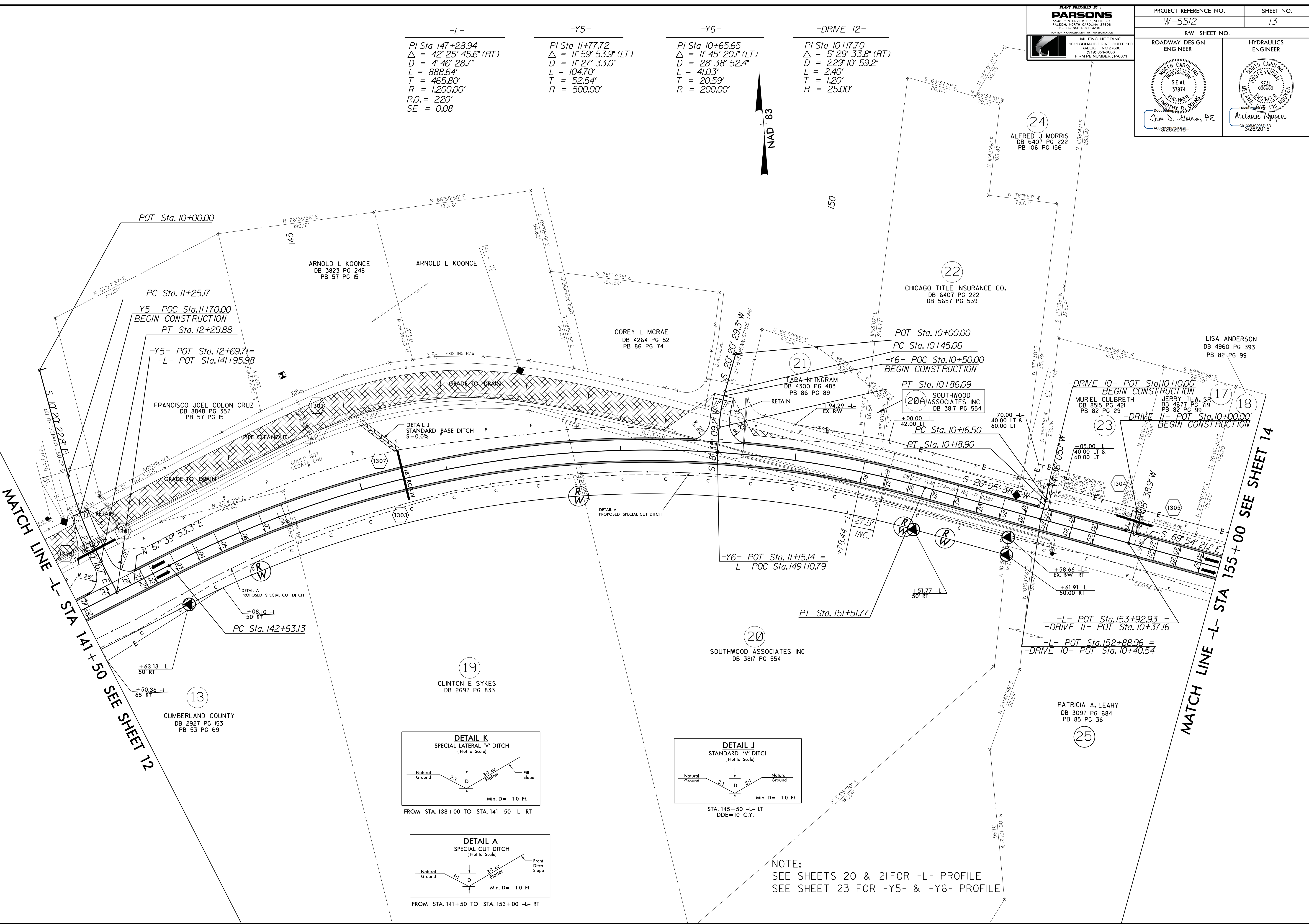
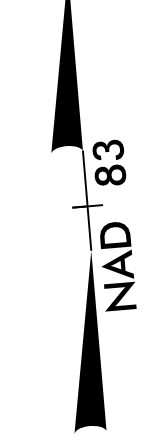
PROJECT REFERENCE NO. W-5512	SHEET NO. 13
RW SHEET NO.	
ROADWAY DESIGN ENGINEER  Timothy D. Grans, PE 03/28/2015	HYDRAULICS ENGINEER  Melanie Myun 03/28/2015

-L-
 PI Sta 147+28.94
 $\Delta = 42^\circ 25' 45.6" (RT)$
 $D = 4' 46' 28.7"$
 $L = 888.64'$
 $T = 465.80'$
 $R = 1,200.00'$
 $R.O. = 220'$
 $SE = 0.08$

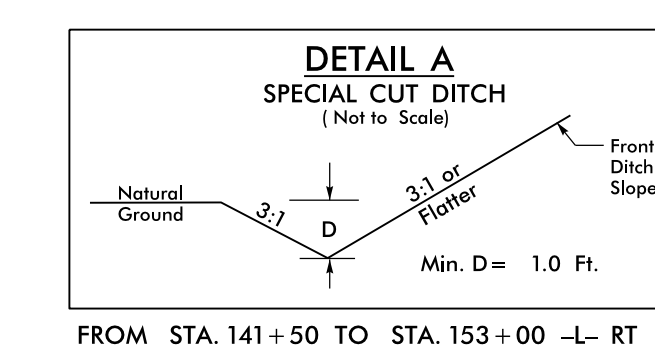
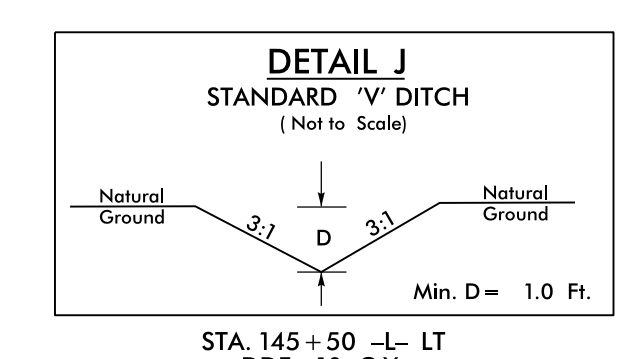
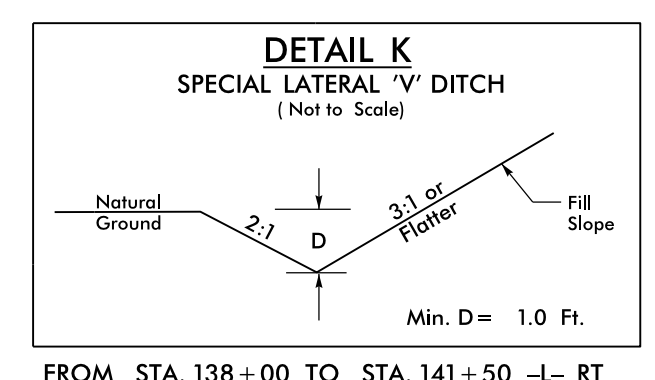
-Y5-
 PI Sta 11+77.72
 $\Delta = 11^\circ 59' 53.9" (LT)$
 $D = 11' 27' 33.0"$
 $L = 104.70'$
 $T = 52.54'$
 $R = 500.00'$

-Y6-
 PI Sta 10+65.65
 $\Delta = 11^\circ 45' 20.1" (LT)$
 $D = 28' 38' 52.4"$
 $L = 41.03'$
 $T = 20.59'$
 $R = 200.00'$

-DRIVE 12-
 PI Sta 10+17.70
 $\Delta = 5^\circ 29' 33.8" (RT)$
 $D = 229' 10' 59.2"$
 $L = 2.40'$
 $T = 1.20'$
 $R = 25.00'$



REVISIONS



NOTE:
 SEE SHEETS 20 & 21 FOR -L- PROFILE
 SEE SHEET 23 FOR -Y5- & -Y6- PROFILE

8/17/99
 09.MAR.2015 11:41 AM
 C:\w\5512\proj\p\01\w-5512-rdy-ps-h-13.dcn
 8:58:38 AM

MATCH LINE -L- STA 141+50 SEE SHEET 12

MATCH LINE -L- STA 155+00 SEE SHEET 14