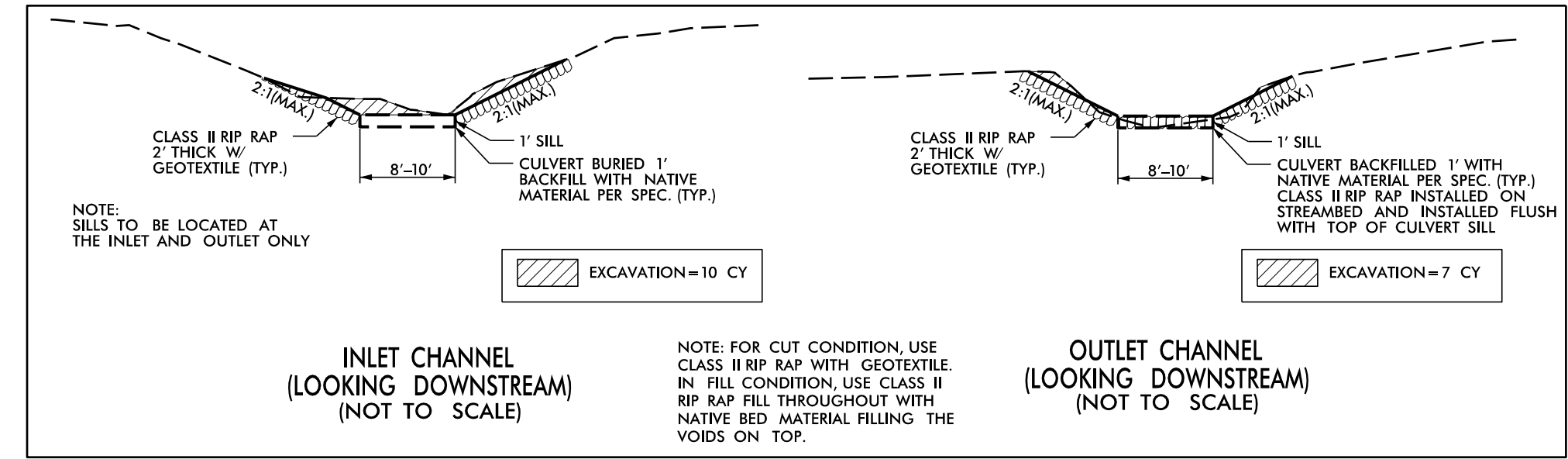
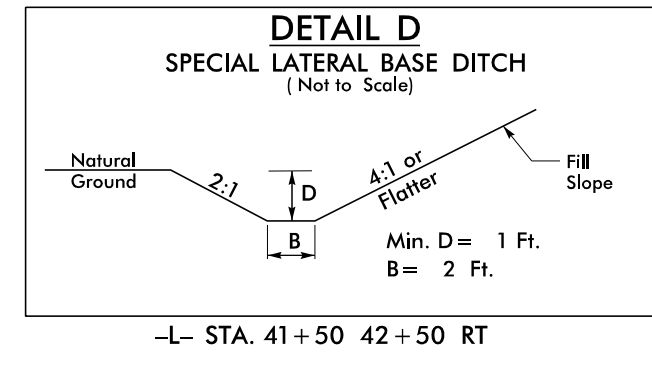
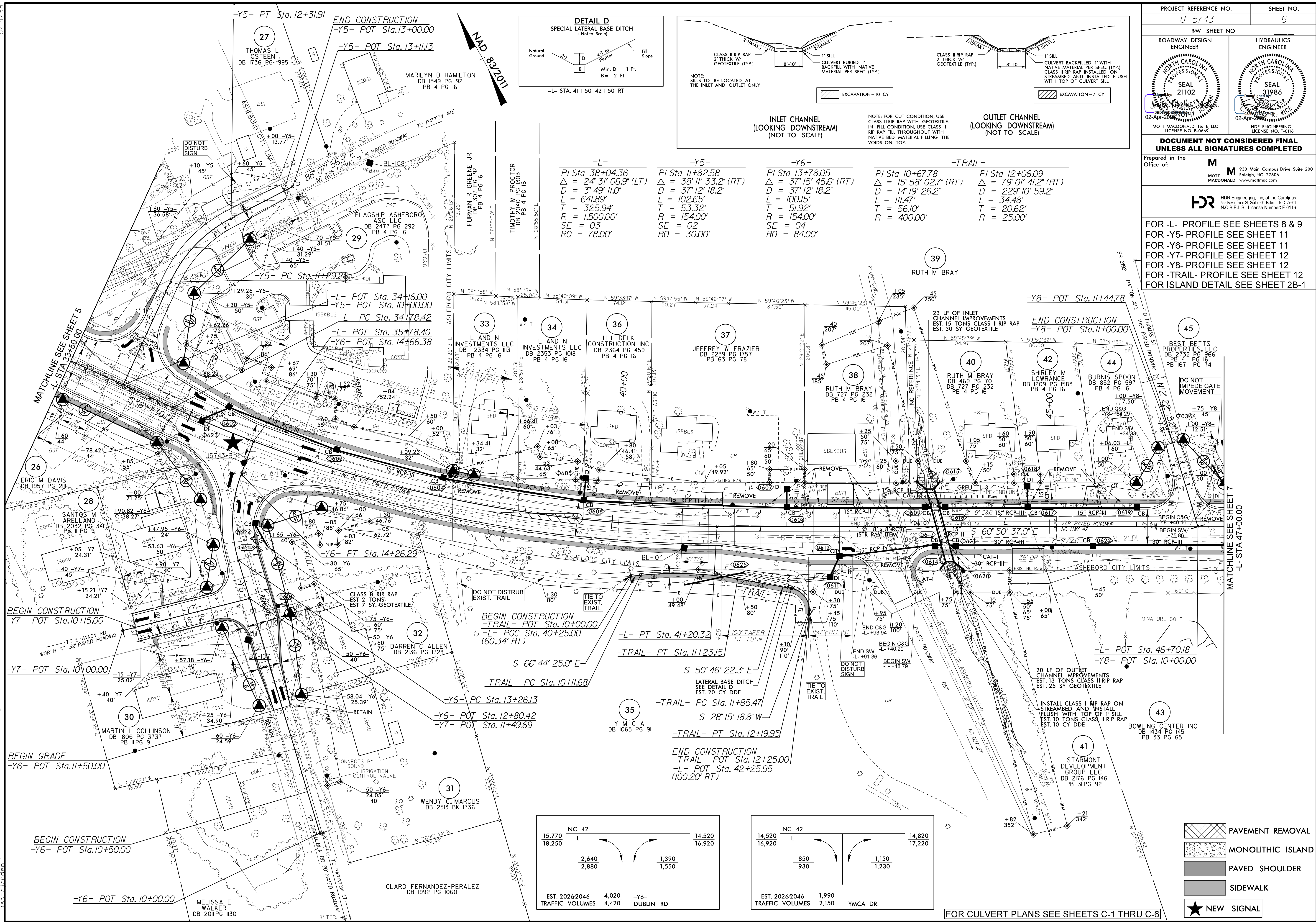


5/14/2019
4/1/2026
ng\mnm\rbal\jor\66165\40177431\U-5743_r.dwg_psh06.dgn

PROJECT REFERENCE NO. U-5743	SHEET NO. 6
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p> <p>Prepared in the Office of: M MOTT MACDONALD</p> <p>930 Main Campus Drive, Suite 200 Raleigh, NC 27606 www.mottmac.com</p>	



-L-	-Y5-	-Y6-	-TRAIL-
PI Sta 38+04.36	PI Sta 11+82.58	PI Sta 13+78.05	PI Sta 10+67.78
$\Delta = 24' 31" 06.9" (LT)$	$\Delta = 38' 11" 33.2" (RT)$	$\Delta = 37' 15" 45.6" (RT)$	$\Delta = 15' 58" 02.7" (RT)$
$D = 3' 49" 11.0"$	$D = 37' 12" 18.2"$	$D = 37' 12" 18.2"$	$D = 14' 19" 26.2"$
$L = 641.89'$	$L = 102.65'$	$L = 100.15'$	$L = 111.47'$
$T = 325.94'$	$T = 53.32'$	$T = 51.92'$	$T = 56.10'$
$R = 1,500.00'$	$R = 154.00'$	$R = 154.00'$	$R = 400.00'$
$SE = 03$	$SE = 02$	$SE = 04$	$R = 20.62'$
$RO = 78.00'$	$RO = 30.00'$	$RO = 84.00'$	$R = 25.00'$



FOR -L- PROFILE SEE SHEETS 8 & 9
 FOR -Y5- PROFILE SEE SHEET 11
 FOR -Y6- PROFILE SEE SHEET 11
 FOR -Y7- PROFILE SEE SHEET 12
 FOR -Y8- PROFILE SEE SHEET 12
 FOR ISLAND DETAIL SEE SHEET 2B-1

15,770	NC 42	14,520
18,250	-L-	16,920
2,640		1,390
2,880		1,550
EST. 2026/2046	4,020	-Y6-
TRAFFIC VOLUMES	4,420	DUBLIN RD.

14,520	NC 42	14,820
16,920	-L-	17,220
850		1,150
930		1,230
EST. 2026/2046	1,990	YMCA DR.
TRAFFIC VOLUMES	2,150	

- PAVEMENT REMOVAL
- MONOLITHIC ISLAND
- PAVED SHOULDER
- SIDEWALK
- NEW SIGNAL

FOR CULVERT PLANS SEE SHEETS C-1 THRU C-6