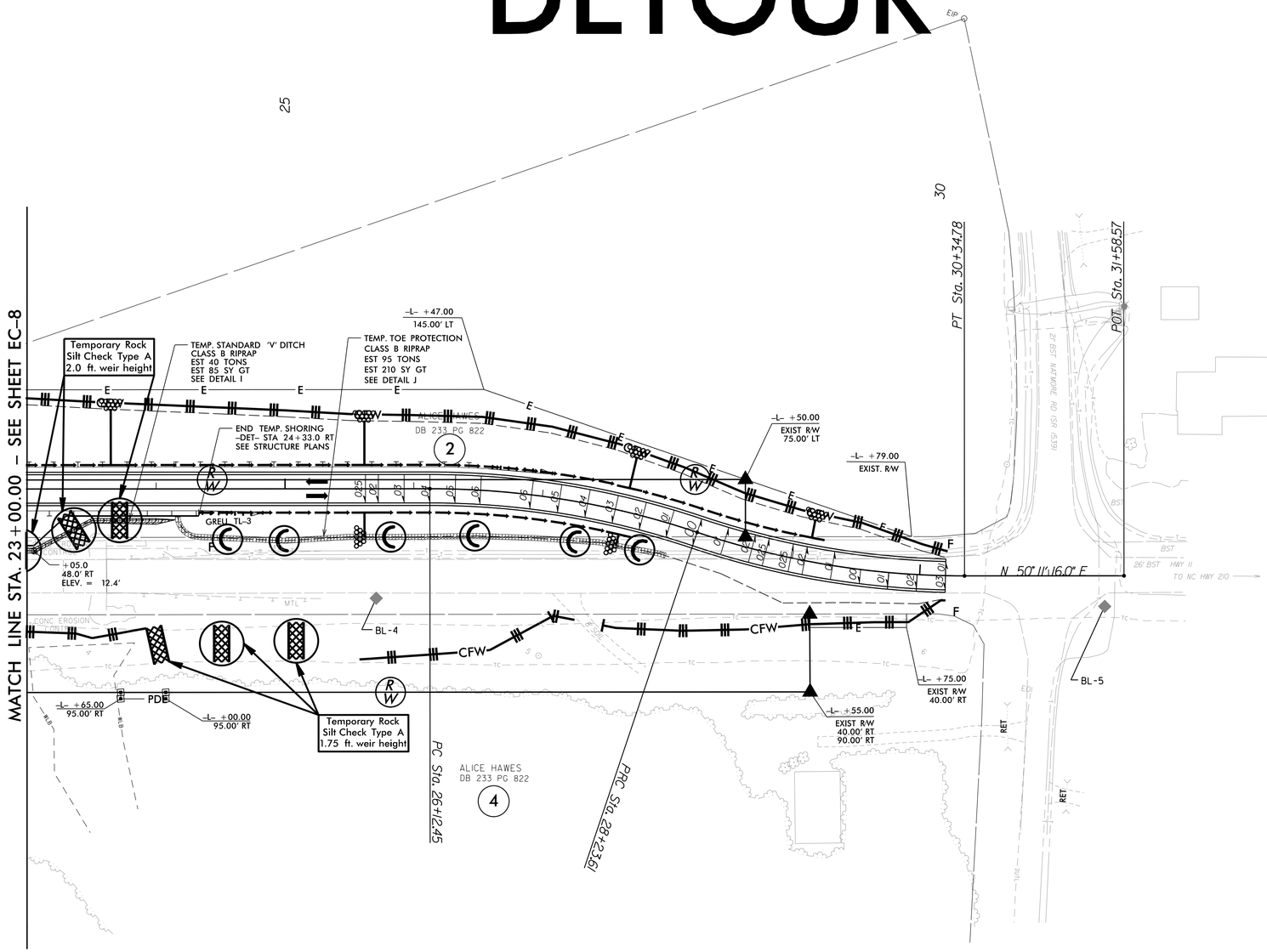
PROJECT REFERENCE NO.	SHEET NO.
B-5694	EC-9/CONST.7
R/W SHEET NO.	7
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

KCI
http://www.kci.com
Engineers • Planners • Scientists • Construction Managers
4505 Falls of Neuse Road, Suite 400
Raleigh, NC 27609
Phone (919) 783-9214 • Fax (919) 783-9266

DETOUR



Temp. Standard 'V' Ditch – RT Side
Sta.= -DET- 21+80.1 to 24+15.0
Q= 4.8 cfs
V= 1.2–4.1 f/s
d= 0.8–1.4 ft
s= 0.003–0.0820 ft/ft
n=0.05
Liner= Class I Riprap or Similar
Required Shear Stress= 3.9 lbs/ft²

FOR -DET- PROFILE SEE SHEET 9
FOR -L- SEE SHEET 4/5

50' 0' 50' 100'
25'

REVISIONS

8/17/99

6/7/2019
M:\2018\25180194 5.12 B-5694\Roadside\CADD\PSH\B-5694_rev_EC09.dgn
Sawyer Waters