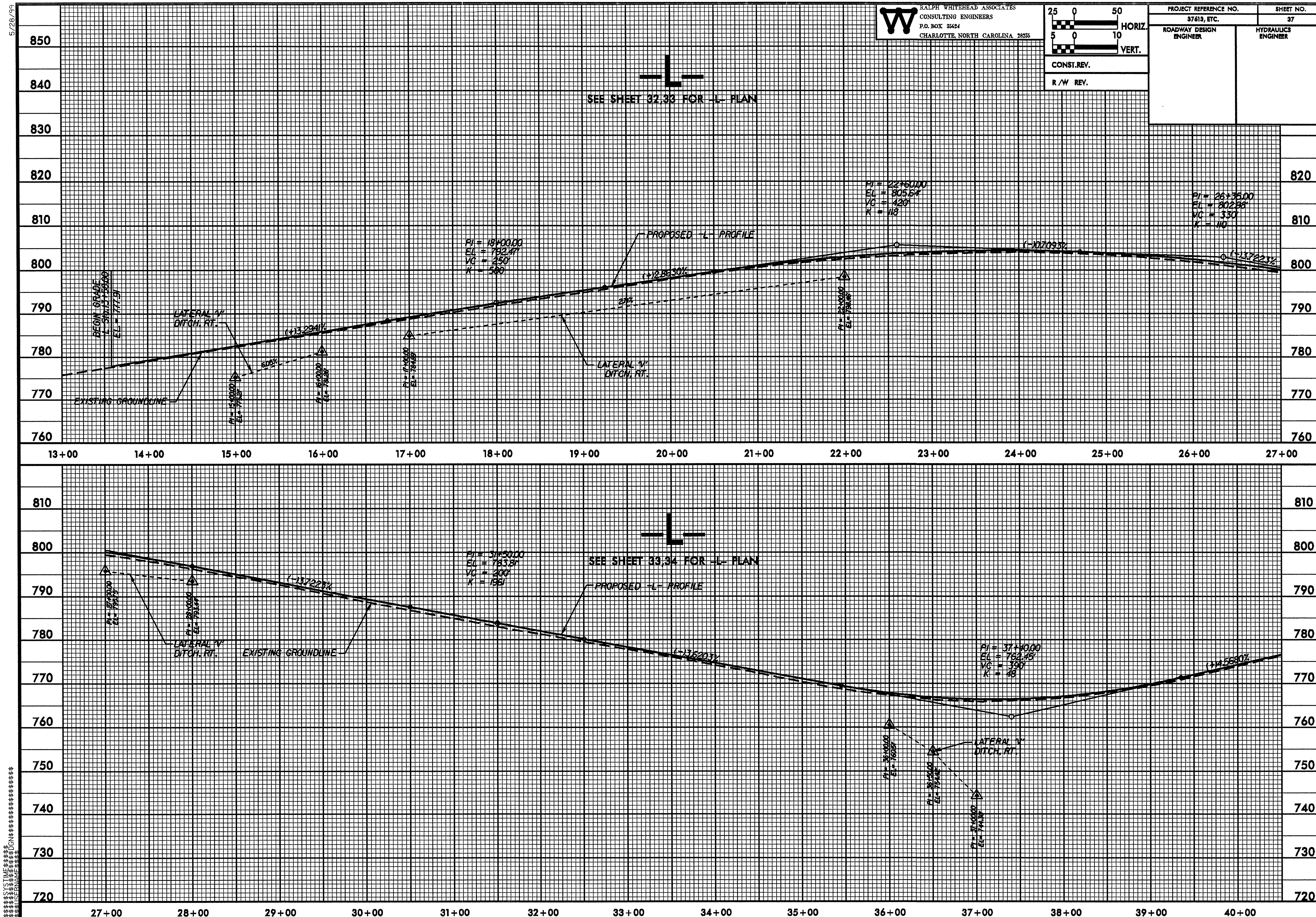
5/28/99
RALPH WHITEHEAD ASSOCIATES
CONSULTING ENGINEERS
P.O. BOX 35624
CHARLOTTE, NORTH CAROLINA 28235
25 0 50 HORIZ.
5 0 10 VERT.
CONST.REV.
R/W REV.
PROJECT REFERENCE NO.
37613, ETC.
SHEET NO.
37
ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER
-L-
SEE SHEET 32,33 FOR -L- PLAN
BEGIN GRADE
-L- Sta.13+58.00
EL = 777.91'
LATERAL 'V' DITCH, RT.
EXISTING GROUNDLINE
(+)3.2941%
.605%
PI = 18+00.00
EL = 792.47'
VC = 250'
K = 580
PROPOSED -L- PROFILE
(+)2.8630%
.27%
LATERAL 'V' DITCH, RT.
PI = 22+60.00
EL = 805.64'
VC = 420'
K = 118
(-)0.7093%
PI = 26+35.00
EL = 802.98'
VC = 330'
K = 110
(-)3.7223%
13+00
14+00
15+00
16+00
17+00
18+00
19+00
20+00
21+00
22+00
23+00
24+00
25+00
26+00
27+00
-L-
SEE SHEET 33,34 FOR -L- PLAN
PI = 31+50.00
EL = 783.81'
VC = 200'
K = 1961
PROPOSED -L- PROFILE
(-)3.7223%
(-)3.6203%
LATERAL 'V' DITCH, RT.
EXISTING GROUNDLINE
PI = 37+40.00
EL = 762.45'
VC = 390'
K = 48
(+)4.5680%
LATERAL 'V' DITCH, RT.
27+00
28+00
29+00
30+00
31+00
32+00
33+00
34+00
35+00
36+00
37+00
38+00
39+00
40+00