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PROJECT REFERENCE NO.	SHEET NO.
B-3673	4
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 034367 ENGINEER TODD H. BUCKNER
DocuSigned by: 1087011E67F6435... 1/22/2015

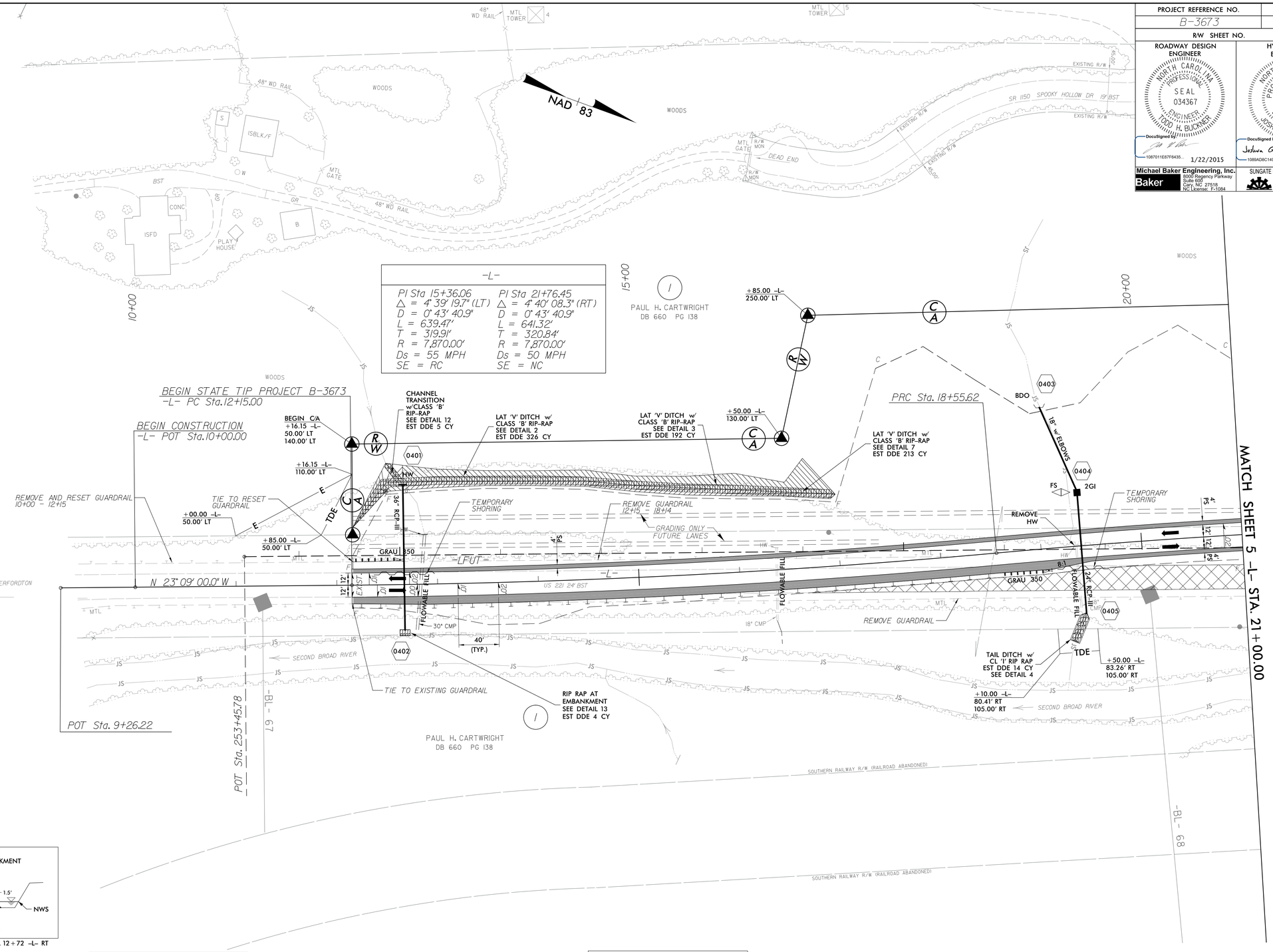
HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 26971 ENGINEER JOSHUA G. DALTON
DocuSigned by: Joshua G Dalton 108BADBC14994C3... 1/21/2015

Michael Baker Engineering, Inc.
Baker
8000 Regency Parkway
Suite 600
Cary, NC 27518
NC License: F-1084

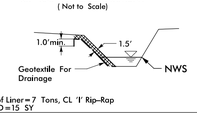
SUNGATE DESIGN GROUP, P.A.
915 Jones Franklin Road
Raleigh, NC 27606
NC COA No. C-0890

8/17/99

REVISIONS



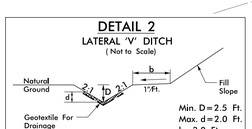
DETAIL 13
RIP RAP AT EMBANKMENT
(Not to Scale)



Type of Liner=7 Tons, CL 'I' Rip-Rap
GFD=15 SY
FROM STA. 12+62 TO STA. 12+72 -L- RT

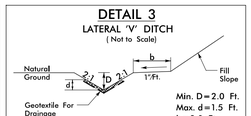
PROPOSED DESIGN
FUTURE DESIGN

DETAIL 2
LATERAL 'V' DITCH
(Not to Scale)



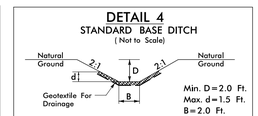
Type of Liner= 90 Tons, Class 'B' Rip-Rap
GFD = 89 SY
FROM STA. 12+50 TO STA. 14+50 -L- LT

DETAIL 3
LATERAL 'V' DITCH
(Not to Scale)



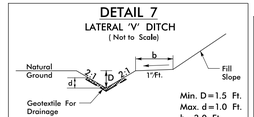
Type of Liner=50 Tons, Class 'B' Rip-Rap
GFD = 50 SY
FROM STA. 14+50 TO STA. 16+00 -L- LT

DETAIL 4
STANDARD BASE DITCH
(Not to Scale)



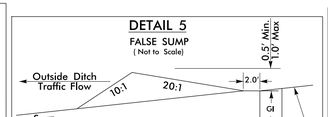
Type of Liner=19 Tons, Class 'I' Rip-Rap
GFD = 35 SY
FROM STA. 19+26 TO STA. 19+40 -L- RT

DETAIL 7
LATERAL 'V' DITCH
(Not to Scale)



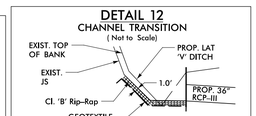
Type of Liner=22 Tons, Class 'B' Rip-Rap
GFD = 22 SY
FROM STA. 16+00 TO STA. 17+00 -L- LT

DETAIL 5
FALSE SUMP
(Not to Scale)



@ STA. 19+38 -L- LT /@ 21+79 -L- LT

DETAIL 12
CHANNEL TRANSITION
(Not to Scale)



Type of Liner = 6 Tons,CL 'B' Rip-Rap
Geotextile = 15 SY GFD
STA. 12+50 -L- LT

GFD = GEOTEXTILE FOR DRAINAGE
SEE SHEET 7 FOR -L- PROFILE

1/22/2015 10:57:54 AM
File: B-3673_Rdy_psh_04.dgn
USER: toddbuckner