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5/14/99

PROJECT REFERENCE NO.	SHEET NO.
R-5605	7
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER 12/23/2015

NORTH CAROLINA PROFESSIONAL SEAL 023091 ENGINEER C. THOMAS JONES III

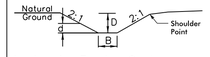
DocuSigned by: C. Thomas Jones III
0EBB6C62F0C4437...

HYDRAULICS ENGINEER 12/22/2015

NORTH CAROLINA PROFESSIONAL SEAL 28945 ENGINEER DIANA J. BOLDEN

DocuSigned by: Diana J. Bolden
3051E3AD4C04458...

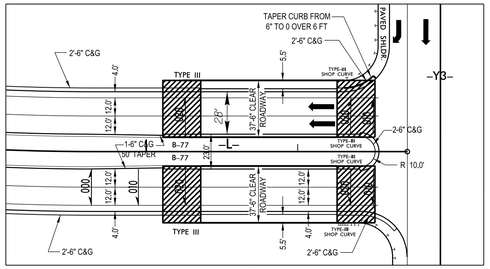
DETAIL H
LATERAL BASE DITCH
(Not to Scale)



Matting for Erosion Control Temporary straw w/ net liner used to max flow depth, d	Min. D= 2.0 Ft. Max. d= 1.5 Ft. B= 2 Ft. b= 0 Ft.

-L- FROM STA. 50+92.00 TO STA. 51+47.00 RT

SKETCH SHOWING RELATIONSHIP OF BRIDGE TO ROADWAY



45

50' R/W C.P.&L.

EXIST. 50' R/W

110' R/W

MATCH LINE STATION 41+00 SEE SHEET 6

CLASS B RIP-RAP: EST. 10 TONS GEOTEXTILE: EST. 28 SY

CLASS B RIP-RAP: EST. 10 TONS GEOTEXTILE: EST. 28 SY

FUTURE MEDIAN OPENING

BEGIN BRIDGE -L- STA 50+42.04

BEGIN APPROACH SLAB -L- STA 50+17.04

1'-6" C&G

SEE SKETCH FOR 1'-6" C&G TAPER

BEGIN APPROACH SLAB -L- STA 50+17.04

BEGIN BRIDGE -L- STA 50+42.04

-L-
PI Sta 44+02.04
Δ = 45° 40' 19.6" (LT)
D = 3° 49' 11.0"
L = 1,195.69'
T = 631.65'
R = 1,500.00'
SE = 0.03
RO = 93'

7
DAVIDSON RIVER VILLAGE LLC
8597-53-8878
D.B.666, PG.164

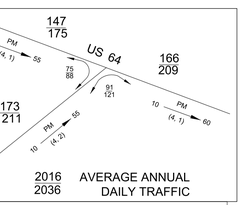
8
DAVIDSON RIVER VILLAGE LLC
8597-52-6973
D.B.444, PG.521
S.T.N. OF BROWNFIELDS PROPERTY
D.B. 666, PG. 164

DEVON & SANDRAH McCALL
D.B.211, P.750
8597-54-8650

BROWNFIELDS BOUNDARY D.B. 641, PG. 590 P.T. 15, SL. 332

PROPOSED BROWNFIELDS BOUNDARY

DAVIDSON RIVER



2016 AVERAGE ANNUAL
2036 DAILY TRAFFIC

NOTE: ADT IN HUNDREDS

-Y3- POT Sta.10+00.00

BEGIN CONST. -Y3- 11+16.77

-Y3- STA 11+16.77

RIGHT-OF-WAY 2/7/1956 DOCUMENTS PROVIDED BY NCDOT R/W DEPTMENT

150' RIGHT-OF-WAY AGREEMENT

ICE MACHINE

POT Sta.51+94.22

US HIGHWAY 64

END BRIDGE -L- STA 51+23.96

END APPROACH SLAB -L- STA 51+48.96

END T.I.P. PROJECT R-5605 -L- POT Sta.51+72.36

-Y3- POT Sta.15+06.27

FILL W/ FLOWABLE FILL

ADJUST EXISTING DI AS NEEDED

TRENCHLESS INSTALLATION 30" WELDED STEEL

END APPROACH SLAB -L- STA 51+48.96

END BRIDGE -L- STA 51+23.96

END CONST. -Y3- 17+75.00

-Y3- POT Sta.18+14.29

CLASS B RIP-RAP: EST. 8 TONS GEOTEXTILE: EST. 21 SY

CLASS B RIP-RAP: EST. 1 TONS GEOTEXTILE: EST. 5 SY

CLASS B RIP-RAP: EST. 1 TONS GEOTEXTILE: EST. 5 SY

CLASS II RIP RAP (STRUCTURE PAY ITEM)

LATERAL BASE DITCH
DDE = 143 CY
GRASS LINED
(SEE DETAIL 'H')

SEE SHEETS 10 & 12 FOR PROFILE

PLANS PREPARED BY :
WGLA Engineering, PLLC
214 N. King Street
Hendersonville, NC 28792
(828) 687-7177
wgla.com
FOR
DIVISION OF HIGHWAYS

22-DEC-2015 13:59
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$$$$USERNAME$$$$