PROJECT REFERENCE NO.	SHEET NO.
R-2514C	14
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 033871 ENGINEER DANIEL W. GARDNER JR.
3/26/2015
DocuSigned by: Daniel W. Gardner, Jr.

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 032581 ENGINEER BROOK E. ANDERSON
3/25/2015
DocuSigned by: Brook E. Anderson

NAD 83/NSRS 2007

MATCHLINE -L- STA. 141+00.00 SEE SHEET 13

MATCHLINE -L- STA. 154+00.00 SEE SHEET 15

ANNIE R. PAIGE
DB 174 PG 677

VERONICA M. PAIGE
DB 259 PG 961

WILLIE G. SMITH, ET UX
DB 186 PG 912
PC A SLIDE 86

ABUNDANT BLESSINGS MINISTRIES INC.
NEW HOPE CHURCH OF GOD
C/O OLIVER J. COLLINS, ET UX
DB 247 PG 457
MB 5 PG 72
PC B SLIDE 117

ABUNDANT BLESSINGS MINISTRIES INC.
NEW HOPE CHURCH OF GOD
C/O OLIVER J. COLLINS
DB 247 PG 459
MB 5 PG 72
PC B SLIDE 117

WILLIAM E. HASSELL
DB 128 PG 91

SHERRY M. JARMAN
DB 269 PG 930

MAZIE W. ISLER
DB 128 PG 6

MARY SIMMONS-ISLER, ET AL
ESTATE FILE 02 E-62
DB 49 PG 85
DB 116 PG 555

TYRONE SMITH
DB 229 PG 548

JAMES V. BENDER, JR.
DB 114 PG 92
DB 49 PG 160
WB 65E PG 28

DENNIS A. HEWITT
DB 346 PG 106

TALMAGE DOCKERY, ET AL
DB 161PG 299

EDWARD DUDLEY
DB 328 PG 931

J. MANLY FOSCUE, JR. HEIRS
DB 137 PG 257

BLUE ROCK STRUCTURES, INC.
DB 300 PG 444

HISTORIC PROPERTY ELIGIBLE FOR NRHP

PLACED PER UTILITY RECORD

-L- CS Sta. 142+61.44

-L- ST Sta. 145+01.44

CHORD

LATERAL 3' BASE DITCH SEE DETAIL E

LATERAL 3' BASE DITCH SEE DETAIL F

LATERAL 3' BASE DITCH SEE DETAIL C

TIE EXISTING DITCH TO PROPOSED DITCH

LATERAL 'V' DITCH SEE DETAIL H

CL B RIP RAP EST. 3 TONS
EST. 10 SY GEOTEXTILE

-BL- 9

-BL- 10

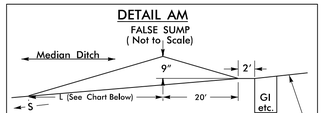
N 4° 49' 58.0" E

72° CHL & 35BW

S 52°24'41" W
BST

-L-	
PI Sta 139+50.54	PIs Sta 143+41.47
△ = 19° 04' 40.6" (RT)	Θs = 3° 38' 50.9"
D = 3° 02' 22.4'	Ls = 240.00'
L = 627.65'	LT = 160.03'
T = 316.76'	ST = 80.03'
R = 1,885.00'	
SE = .06	
RO = 240'	

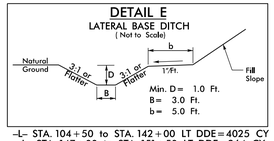
DETAIL AM
FALSE SUMP
(Not to Scale)



S=Ditch Slope ℄ Proposed Ditch

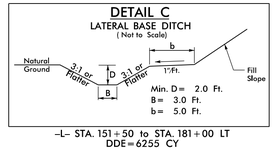
Ditch Grade	L	Ditch Grade	L
0.0% To 2.0%	20'	Over 4.0% To 6.0%	40'
Over 2.0% To 4.0%	30'	Over 6.0%	50'

DETAIL E
LATERAL BASE DITCH
(Not to Scale)



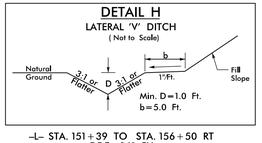
-L- STA. 104+50 to STA. 142+00 LT DDE=4025 CY
-L- STA. 147+00 to STA. 151+50 LT DDE=264 CY

DETAIL C
LATERAL BASE DITCH
(Not to Scale)



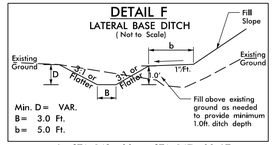
-L- STA. 151+50 to STA. 181+00 LT
DDE=6255 CY

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



-L- STA. 151+39 TO STA. 156+50 RT
DDE=261 CY

DETAIL F
LATERAL BASE DITCH
(Not to Scale)



-L- STA. 142+00 to STA. 147+00 LT
DDE=202 CY

NOTE: ALL DRIVES ARE 12' UNLESS NOTED OTHERWISE.
PAVE ALL DRIVES TO BACK OF TURNOUT RADIUS.
SEE SHEET 2A-5 FOR DRIVEWAY PROFILE DETAILS.

SEE SHEET 34 FOR -L- PROFILE

REVISIONS 8/17/99

3/23/2015
R-2514C_201\Cadd\R2514C\Roadway\Proj\R2514C_Rdy_psh_14.dgn
thuffman