8/17/98

REVISIONS

RALPH WHITEHEAD ASSOCIATES
CONSULTING ENGINEERS
P.O. BOX 35624
CHARLOTTE, NORTH CAROLINA 28235

PROJECT REFERENCE NO.	SHEET NO.
37613, ETC.	EC-17
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

V&M Vaughn & Melton Consulting Engineers
Middlesboro, Kentucky 606-248-6600
Greeneville, Tennessee 423-639-0211
Asheville, North Carolina 828-253-2796

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MAP #10
US 64 / SR 1327, SR 1420

NAD 83

BEGIN CONSTRUCTION
-Y- POT STA.10+23.00

END STATE PROJECT MA08013R
END GRADE
-L- POT STA.117+05.00

POT Sta. 10+00.00

BEGIN STATE PROJECT MA08013R
BEGIN GRADE
-L- POT STA.103+24.00

END CONSTRUCTION
-Y- POT STA.13+35.00

POT -L- STA.110+14.51 =
POT -Y- STA.11+78.88

POT Sta. 13+61.54

S 61° 59' 44.5" E

RJACK E. HILL and wife, IRIS B. HILL DB 1081 PG 625

BACK CREEK FRIENDS MEETING, A NC NONPROFIT CORP. DB 1749 PG 845

ERIN HEDRICK, DAVID HEDRICK, DONALD HEDRICK, and ROBIN HEDRICK DB 1420 PG 1510

R. WILBUR HUGHES DB 1789 PG 885

S. A. LOWE, SR. and wife, INEZ D. LOWE DB 1160 PG 230

SR 1420 BACK CR. ROAD 22' BST

SR 1327 BACK CR. ROAD 22' BST

US64 24' BST

4' BST

4' FDPS

360' TAPER

100' BAY TAPER

200' LEFT TURN STORAGE

250' RIGHT TURN TAPER

50' STORAGE

R=60', 4' OFFSET

12 x 6 x 3 4' weir

3 TONS CL B RIPRAP W/10 SY FF

24" RCP RETAIN

15" RCP REMOVE

LATERAL BASE DITCH SEE DETAIL 1

LATERAL 'V' DITCH SEE DETAIL 2

WOODS

FFES

DETAIL 1
LATERAL BASE DITCH
(Not to Scale)

Natural Ground; 2:1; D; B; 2:1; b; 1'/Ft.; Fill Slope

Min. D = 2 Ft.
B = 2 Ft.
b = 5 Ft.

-L- STA 108+50 TO 109+00 RT

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

Natural Ground; 2:1; D; 2:1; b; 1'/Ft.; Fill Slope

Min. D = 1 Ft.
b = 2 Ft.

-L- STA 116+00 TO 116+50

$$$$SYSTIME$$$$
$$$$DGN$$$$
$$$$FILENAME$$$$