8/17/99

NAD 83/2011

MATCHLINE TO SHEET 8
-RPA Y1- STA. 10+00.00

-RPA_Y1- POT Sta. 10+00.00

-RPA_Y1- PC Sta. 10+69.90

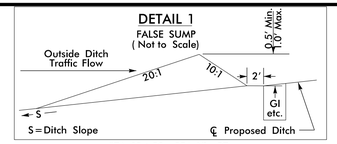
GAMANBHAI B. AND CHANDAN G PATEL
DB 443 PG 42

-RPA Y1-

PI Sta 12+77.10
△ = 23° 24' 44.9" (LT)
D = 5° 43' 46.5"
L = 408.62'
T = 207.20'
R = 1,000.00'

FALSE SUMP
SEE DETAIL 1

DETAIL 1
FALSE SUMP
(Not to Scale)

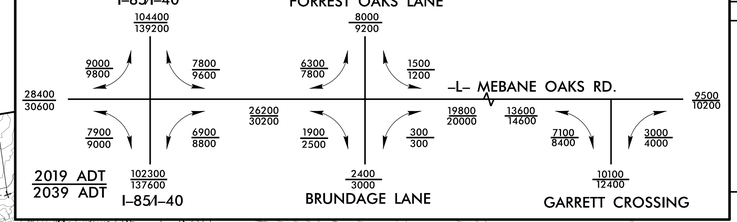


MATCHLINE TO SHEET 8
-Y1- STA. 31+00.00

STA. 12+50 -RPA_Y1- RT

MATCHLINE TO SHEET 8
-RPD Y1- STA. 17+30.00

TRAFFIC DATA



PROJECT REFERENCE NO.	SHEET NO.
I-5711	EC-05/CONST.05
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

LOCHNER

H. W. LOCHNER, INC.
2840 PLAZA PLACE, SUITE 202
RALEIGH, NC 27612
(919)571-7111
NC License Number F-0159

VHB Engineering NC, P.C. (C-3705)
940 Main Campus Drive, Suite 500
Raleigh, NC 27606

-RPA Y1- 640.00
50.51' & 62' RT

-RPA Y1- +68.00
66' RT

-RPA Y1- +00.00
71' RT

-RPA Y1- +00.00
67' RT

-RPA Y1- +18.01
EX. R/W-TIE TO EXIST 48" WW FENCING

560' MEDIAN TRANSITION

QUALITY OIL COMPANY, LLC
DB 2662 PG 548

BEGIN CONSTRUCTION
-RPA Y1- STA.12+50.00

-RPA Y1- 13+12.34
52.73' RT

BEGIN BRIDGE WIDENING
-L- Sta. 25+95.63

-RPA_Y1- PT Sta.14+78.52

BEGIN APPROACH SLAB
-L- Sta. 25+84.63

CLASS B RIP RAP (EST. 2 TONS)
EST 7 SY GEOTEXTILE

-L- POT Sta. 23+88.21 =
-RPA_Y1- POT Sta. 15+43.15

290' LEFT TURN LANE

-L- SR 1007 MEBANE OAKS RD.

-L- S 27° 10' 06.8" E

-L- POT Sta. 24+12.80 =
-RPB_Y1- POT Sta. 21+28.91

-RPB_Y1- N 47° 28' 27.1" E

-RPB_Y1- ST Sta. 18+20.83

MATCH TO SHEET 7
-RPB_Y1- STA. 18+00.00

MATCH TO SHEET 7
-Y1- STA. 23+30.00

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 5

NOTE: UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF ROCK INLET SEDIMENT TRAPS, TYPE C TO AVOID IMPOUNDMENT OF WATER IN ROADWAY OPEN TO TRAFFIC

★ TRAFFIC SIGNAL

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

MATCH TO SHEET 4
-L- STA. 22+50.00

MATCH TO SHEET 6
-L- STA. 36+50.00

-Y2- POT Sta. 14+00.00

END CONSTRUCTION
-Y2- STA.13+05.00

PI Sta 32+34.60
△ = 3° 07' 09.6" (RT)
D = 1° 59' 46.9"
L = 156.25'
T = 78.14'
R = 2,870.00'
e = 2.5%
R.O. = 189' (42' Inc)

-L- POT Sta. 29+64.00 =
-RPC_Y1- POT Sta.12+51.70
-RPD_Y1- POT Sta. 21+97.38

-L- POT Sta. 33+53.66 =
-Y2- POT Sta. 10+00.00

-L- POT Sta. 33+69.54 =
-Y3- POT Sta.14+54.20

BROCONS LLC
DB 2726 PG 961
PB 49 PG 23

VERAZ FONDO UNO, LLC
DB 3658 PG 59
PB 49 PG 23

COOK OUT-MEBANE OAKS, INC
DB 3566 PG 135
PB 78 PG 145

E&D W 751 I301 MEBANE OAKS RD, LLC
DB 3889 PG 738
PB 78 PG 232

MURPHY OIL USA INC
DB 2989 PG 602
PB 69 PG 116

-Y3- POT Sta. 10+00.00

PI Sta 12+05.13
△ = 21° 41' 04.6" (LT)
D = 7° 15' 09.5"
L = 298.99'
T = 151.31'
R = 790.00'

-Y3- PC Sta. 10+53.82

SR 2186 BRUNDAGE LN.

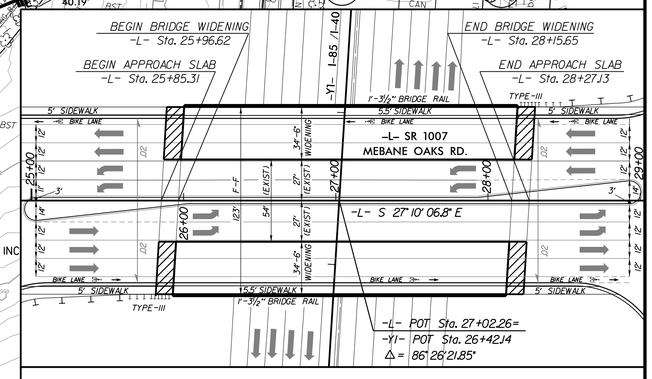
SR 2200 FORREST OAKS LN

-L- POT Sta. 33+12.70

-Y3- PT Sta. 13+52.81

BEGIN CONSTRUCTION
-Y3- STA.12+10.00

-RPC_Y1- POT Sta. 10+00.00



SKETCH SHOWING BRIDGE-PAVEMENT RELATIONSHIP FOR -L- OVER -Y1-

12/6/2020
PSNY I-5711_REU_CG_PSH05.dgn
E. Hicks, PLLS