LAKE COUNTY
LAK-20-G.G5

CALC: PCB 2-83
CHK: ROB 2-83

ADD FOR RADIUS RETURN @ INTERSECTION OF DARTMOOR
[½ (11x30)+(4x17)+ ½ (10x29)+(4x35)] ÷ 9 = 57.4 S.Y.

+30, 34.5' LT.
EL. 684.69
END DRIVE
EL. 685.01
4.00%
DRIVE PROFILE STA. 90+30

42' RT. STA. 90+62
NO. 3 C.B.
R. GRATE 683.99
R. 18" E+W 678.46

EARTHWORK FOR DARTMOOR INTERSECTION
ADD CUT [(150x50)-π/4(50)²] 2 +(50x30)+(29x12)] 1.3÷27

INTERSECTION @ DARTMOOR ROAD

685
680
TEMP. RUN
8-1
RUN
EX. RUN
C-1
C-6
12" St.
684.49
90+00
685.11
F-2
C-29
San. M.H.
8" San.
Ex. 18" San.
6" San.

EARTHWORK FOR DRIVE @ STA. 90+30 LT.
CUT (24x8) 0.67 ÷ 27 = 4.7 C.Y.

89+54 AHEAD
89+54 BACK

EX. SAN. M.H.
+18.3, 35.8' RT.
COVER EL. 685.11
R. 12" E. 672.51
R. 18" W 672.49

24' LT. STA. 89+25
NO. 2-A-6 INLET
R. WINDOW 683.44
R. 12" W 680.11

38' RT. STA. 89+25
NO. 3-A C.B.
R. WINDOW 683.25
R. 18" E+W 677.09

DEDUCT FOR DRIVE @ 89+00 LT.
(24x5) ÷ 9 = 13.3 S.Y.

+00, 34.5' LT.
EL. 684.13
5' V.C.
END DRIVE
EL. 683.36
EL. 683.98
7.92%
2.92%
TEMP. RUN
RUN
EX. RUN
685
680
F-3
C-4
684.09
89+00
683.99
F-26
C-13
EX. RUN

AHEAD 17 29
BACK 17 3

DEDUCT FOR DRIVE @ STA. 88+05 RT.
- ½ (24+46) 11 ÷ 9 = 42.8 S.Y.

EARTHWORK FOR DRIVE @ 89+00 LT.
CUT (9.4 x 24) ÷ 27 = 8.3 C.Y.

EX. SAN. M.H.
88+62.2, 26.9' LT.
COVER EL. 683.42
R. 6" N EL. 673.42
R. 6" E EL. 673.52
8" San.

BEGIN PAVEMENT REMOVAL
STA.
89+00

38' RT. STA. 88+50
NO. 3 C.B.
R. GRATE 683.27
R. 18" SW+E 676.16

26' LT. STA. 88+50
NO. 3 C.B.
R. GRATE 683.46
R. 12" E+W 679.81

EARTHWORK FOR DRIVE @ STA. 88+05 RT.
CUT [½ (24+40.8) + (24x7.5)] 0.5 ÷ 27 =
8.1 C.Y.

+05, 38.5' RT.
EL. 683.54
END DR. EL. 683.54
EX. RUN
TEMP. RUN
RUN
EX. RUN
3:1
8:1
0.12%
685
680
F-8
C-1
684.11
88+00
683.77
C-5
F-5
DRIVE PROFILE STA. 88+05 RT.

EARTHWORK FOR DRIVE @ STA. 86+56 LT.
FILL [½ (24+34) x 26 + ½ (2 x 1) 20 x 23] ÷ 27 = 29.4 C.Y.

32' LT. STA. 87+85
NO. 3 MANHOLE
COVER EL. 684.25
R. 12" S+E 679.17
R. EX. 24" 670.00±

26' LT. STA. 87+75
NO. 2-A-6 INLET
R. WINDOW 683.47
R. 12" N. 680.14

38' RT. STA. 87+75
NO. 2-A-6 INLET
R. WINDOW 683.28
R. 12" S+E 679.95

48' RT. STA. 87+85
NO. 3 MANHOLE
COVER EL. 683.40
R. 12" NW 679.67
R. 18" E 675.18
R. 21" N 673.41
R. EX. 24" 671.57

DEDUCT FOR DRIVE @ STA. 86+75 RT.
½ (32+54) 11 ÷ 9 = 52.6 C.Y.

DEDUCT FOR DRIVE STA. 86+56 LT.
(24x5) ÷ 9 = 13.3 S.Y.

TEMP. RUN
RUN
EX. RUN
3:1
8:1
685
680
F-6
C-2
12" St.
684.44
87+00
684.34
C-10
F-3
EX. RUN

+56, 34.5' LT.
EL. 684.63
EL. 680.54
EL. 682.54
EL. 683.44
EL. 684.09
EL. 684.49
20.00%
18.00%
12.92%
7.92%
2.92%
F-26
ITEM 202 PAVT. REMOVED
8" San.
DRIVE PROFILE STA. 86+56 LT.

+75, 38.5' RT.
EL. 684.05
EL. 683.95
END DR.
0.64%
18" San.
DRIVE PROFILE STA. 86+75 RT.

EARTHWORK FOR DRIVE STA. 86+75 RT.
CUT [½ (32+48) 8 + (32x7.5)] 0.5 ÷ 27 =
10.42 C.Y.

86+00

STA. 87+00 TO STA. 90+00