F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	344	84
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

* 107WRS-1, 107BY, 107BY-1 & 107B-2

CONTRACT NO. 94827

BITUMINOUS SURFACE REMOVAL - BUTT JOINT
STA. 60+00.00 - STA. 60+40.00 93 SQ YD

MH TY A, 4'Ø T1F OPEN LID
STA. 61+70.00, 28' LT
TL = 602.50
FL = 599.00

PR PIPE CULVERT, CLASS A, TYPE 1, 36"
LENGTH = 128'
USFL = 49' LT, STA. 63+51.44, EL = 599.63
DSFL = 79' RT, STA. 63+03.02, EL = 598.30
2 EACH, PRC FLARED END SECTION, 36"

PR PIPE CULVERT, CLASS A, TYPE 1 24"
LENGTH = 95'
USFL = 28' LT, STA. 60+75.00, EL = 601.42
DSFL = 28' LT, STA. 61+70.00, EL = 599.10
1 EACH, PRC FLARED END SECTION, 24"

EXIST. CURVE TR116A
PI STA. = 66+50.52
Δ = 33° 30' 40" (LT)
D = 23° 00' 01"
R = 249.11'
T = 75.00'
L = 145.70'
E = 11.05'
e = N/C
P.C. STA. = 65+75.52
P.T. STA. = 67+21.22

EXIST. CURVE C8
PI STA. = 63+14.03
Δ = 20° 33' 39" (RT)
D = 23° 00' 01"
R = 249.11'
T = 45.18'
L = 89.39'
E = 4.06'
e = N/C
P.C. STA. = 62+68.85
P.T. STA. = 63+58.24

PR PIPE CULVERT, CLASS A, TYPE 1 24"
LENGTH = 70'
USFL = 28' LT, STA. 61+70.00, EL = 599.00
DSFL = 42' RT, STA. 61+70.00, EL = 598.84
1 EACH, PRC FLARED END SECTION, 24"

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

CONCRETE MEDIAN, TYPE M-4.24

SEC 11-18-5

SEC 10-8-5
SEC 11-8-5

PR PIPE CULVERT, TYPE 1 REINFORCED CONCETE-ELLIPTICAL, EQUIVALENT ROUND-SIZE 27"
LENGTH = 105'
USFL = 65' LT, STA. 65+75.00, EL = 600.94
DSFL = 40' RT, STA. 65+45.00, EL = 600.41
2 EACH, PRC FLARED END SECTION, ELLIPTICAL EQUIVALENT ROUND-SIZE 27"

STA. 65+00.00 (1000TH ST) = STA. 896+43.01 (IL RTE 32/33)

STA. 64+00.00 (LAKE SARA RD) = STA. 896+48.57 (IL RTE 32/33)

EXIST. CURVE TR116B
PI STA. = 68+94.08
Δ = 17° 57' 11" (RT)
D = 23° 00' 01"
R = 249.11'
T = 39.35'
L = 78.06'
E = 3.09'
e = N/C
P.C. STA. = 68+54.73
P.T. STA. = 69+32.78

FOR INTERSECTION GEOMETRICS SEE SHEET 96

PLAN
SURVEYED / PLOTTED / ALIGNMENT CHECKED / GRADES CHECKED / S.U.E. / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE
SURVEYED / PLOTTED / GRADES CHECKED / S.U.E. / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

EX PROFILE GRADE
PR PROFILE GRADE
VPI STA. 61+75.00 ELEVATION 604.75
+50.00 EL. 604.78
ex = 0.20' 100.00' V.C.
+50.00 EL. 605.61
VPI STA. 63+80.00 ELEVATION 606.01
VPI STA. 65+32.05 ELEVATION 606.03
ex = 0.13' 50.00' V.C.
VPI STA. 66+08.59 ELEVATION 604.45
+83.59 EL. 604.95
+33.59 EL. 604.47
(LAKE SARA RD) (1000TH ST)
+25.00 LT 604.00
+20.00 LT 604.00
+75.00 LT 604.00
+50.55 RT 602.26
+45.00 RT 600.41
+79.30 LT 602.37
+75.00 LT 600.94
+60.00 LT MATCH EXIST
+60.00 RT MATCH EXIST
+50.00 RT 599.61
+70.00 RT 598.84
+00.00 RT 598.30
+43.46 LT 602.29
+51.44 LT 599.63
EX LT DITCH
EX RT DITCH
PR RT DITCH
PR LT DITCH
-0.11% +0.04% +0.04% +1.61% +1.22% -1.43% -2.07% -2.00% +0.07%
2" @ 2.44%
605.42 605.23 605.11 604.94 604.94 604.73 604.89 604.61 604.83 604.59 604.78 604.58 604.76 604.67 604.78 605.02 605.00 605.63 605.61 606.24 606.48 605.57 605.62 604.88 604.68 604.58 604.48 604.27 604.51 604.50 604.55
606.44 606.42 606.25 604.94 604.55 65+00
60+00 61+00 62+00 63+00 64+00 66+00 67+00
610 605 600 595 590 585

LAKE SARA RD & 1000TH ST PUBLIC ROAD SHEET 3 OF 12