1/29/2013 3:59:11 PM
P:\P40567\P40567\CIVIL\SHT_POWIS ROAD\05-ALIGNMENT\101ALN01.SHT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	13ON-3 (11)	DUPAGE	141	18
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60R46

CURVE PR_NORTH2
Δ= 3 33/64° 01′ 02.33″ (LT)
D= 0 33/64° 17′ 00.00″
R= 20,222.04′
T= 532.59′
L= 1,064.93′
E= 7.01′
S.E.= NORMAL CROWN
P.C. STA= 3270+10.77
N: 13,904.644
E: 2,441.082
P.I. STA= 3275+43.36
N: 13,889.717
E: 2,973.463
P.T. STA= 3280+75.70
N: 13,902.834
E: 3,505.892

PR_KTZSM

P.T. STA= 9861+74.53
N: 14,997.422
E: 3,703.273

PC STA. 9855+58.30
N: 14,422.047
E: 3,513.667

CURVE PR_KTZSM
Δ = 36° 35′ 16″ (RT)
D = 5° 56′ 15″
R= 965.00′
T= 319.03′
L= 616.23′
E= 51.37′
S.E.= NORMAL CROWN
P.C. STA= 9855+58.30
N: 14,422.047
E: 3,513.667
P.I. STA= 9858+77.33
N: 14,741.076
E: 3,513.360
P.T. STA= 9861+74.53
N: 14,997.422
E: 3,703.273

POT STA. 102+57.68
N: 14,238.132
E: 6,809.788

POT STA. 203+95.10
N: 14,150.957
E: 5,650.251

PHEASANT RUN ACCESS

PC STA. 3311+40.18

OAK ROAD

CP NO. 3

PR_NORTH1

MATCH LINE STA 3320+00 SEE BELOW

PT STA. 3280+75.70

SMITH ROAD

STA. 3280+83.98 (IL ROUTE 64)
STA. 9850+39.29 (KAUTZ/SMITH ROAD)
N: 13,903.038
E: 3,514.165

CP NO. 1

PROPOSED IL RTE 64 ℄

PC STA. 3270+10.77

PR_NORTH2

POT STA. 3257+86.75
N: 13,938.949
E: 1,217.547

S 88° 23′ 38.27″ E

N 88° 35′ 19.39″ E

POT STA. 9849+66.58
N: 13,830.330
E: 3,514.235

KAUTZ ROAD

IL ROUTE 64

POT STA. 200+00.00
N: 13,756.003
E: 5,661.032

STA. 3302+26.04 (IL ROUTE 64)=
STA. 201+99.87 (PHEASANT RUN ACCESS)
N: 13.955.794
E: 5,655.578

STA. 3313+77.27 (IL ROUTE 64)
STA. 100+00.00 (OAK ROAD)
N: 13,980.472
E: 6,806.512

CURVE PR_NORTH1
Δ= 13° 13′ 21.20″ (RT)
D= 0° 44′ 58.27″
R= 7,644.34′
T= 886.01′
L= 1,764.14′
E= 51.17′
S.E.= RC (1.5%)
P.C. STA= 3311+40.18
N: 13,978.309
E: 6,569.446
P.I. STA= 3320+26.19
N: 14,000.130
E: 7,455.182
P.T. STA= 3329+04.32
N: 13,818.775
E: 8,322.428

POT STA. 304+00.00
N: 14,305.312
E: 7,832.059

STA. 3324+02.28 (IL ROUTE 64)=
STA. 300+00.00 (ELM ROAD)
N: 13,905.333
E: 7,827.992

ELM ROAD

PT STA. 3329+04.32

S 78° 11′ 19.40″ E

PROPOSED IL RTE 64 ℄

POT STA. 9841+00.00
N: 12,963.750
E: 3,515.068

STA. 3348+17.29 (IL ROUTE 64)=
STA. 6591+97.01 (POWIS ROAD)
N: 13,427.213
E: 10,194.888

POWIS ROAD

78.802°

CP NO. 6

U.P.

E.J.&E.

R.R.

R.R.

CURVE ACC-1
Δ= 5 33/64° 00′ 00.00″ (RT)
D= 19 33/64° 05′ 54.94″
R= 300.00′
T= 13.10′
L= 26.18′
E= 0.29′
S.E.= NORMAL CROWN
P.C. STA= 104+94.88
N: 13,015.046
E: 11,786.854
P.I. STA= 105+07.98
N: 13,012.365
E: 11,799.675
P.T. STA= 105+21.06
N: 13,008.577
E: 11,812.213

STA. 3367+72.06 (IL ROUTE 64)=
STA. 502+84.57 (ACCESS RD ENT)
N: 13,027.092
E: 12,108.279

ACCESS ROAD

ACC-1

PC STA. 104+94.88

PT STA. 105+21.06

STA. 501+80.82 (ACCESS RD ENT)
STA. 108+08.16 (ACCESS ROAD)
N: 12,925.542
E: 12,087.043

POT STA. 500+00.00
N: 12,748.551
E: 12,050.032

STA. 3375+47.21 (IL ROUTE 64)
STA. 506+00.29 (REQUE ROAD)
N: 12,868.428
E: 12,867.013

REQUE RD

78.788°

POT STA. 500+00.00
N: 12,268.175
E: 12,860.737

MATCH LINE STA 3382+00 SEE SHEET AT-02

MATCH LINE STA 3320+00 SEE ABOVE

KEIL ROAD

STA. 3320+77.28 (IL ROUTE 64)=
STA. 205+98.19 (KEIL ROAD)
N: 13,943.982
E: 7,505.327

CP NO. 31

CP NO. 4

POT STA. 204+07.84
N: 13,753.671
E: 7,501.312

POT STA. 200+00.00
N: 13,345.928
E: 7,492.647

STA. 3348+10.96 (IL ROUTE 64)=
STA. 6591+98.23 (POWIS ROAD)
N: 13,428.508
E: 10,188.694

CP NO. 5

POT STA. 99+52.87
N: 13,125.990
E: 11,256.320

AT-01

200′ 0 200′ 400′
SCALE IN FEET

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

ALIGNMENT, TIES AND CONTROL POINTS

SCALE: VERT:
HORIZ: 1″=200′
DATE: FEBRUARY 1, 2013

DRAWN BY: AFC
CHECKED BY: NJH

AECOM