F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	92-00061-00-RS	SCHUYLER	21	15
STA. 269+00.00/	TO STA. /14+00.00			
FED. ROAD DIST. NO.	ILLINOIS	PROJECT NO. SR-582(115)		

CONTRACT NO. 93410

SEC 6, T 1 N, R 1 W, 4TH PM

SEC 31, T 2 N, R 1 W, 4TH PM

POT STA 272+58.25/
STA 5+80.92
N - 1251235.765 E - 2185909.726
PK NAIL

PI STA 2+88.89
N - 1251530.014 E - 2185917.083
PK NAIL

PC STA 1+36.97
N - 1251673.940 E - 2185965.714
PK NAIL

POT STA 0+00.00
N - 1251803.705 E - 2186009.561
PK NAIL

POT STA 32+17.73
N - 1252030.496 E - 2185810.501
PK NAIL

PT STA 269+80.76
N - 1250958.349 E - 2185903.179
PK NAIL

PT STA 4+38.51
N - 1251378.140 E - 2185913.389
PK NAIL

CONTROL PT #4
5/8" IRON ROD
N - 1251769.999 E - 2185913.891
STA 0+62.56, 79.85' RT

PT STA 30+71.98
N - 1252168.339 E - 2185857.859
PK NAIL

MATCH LINE STA 269+00.00

PT Sta 269+80.76

EXISTING ROW LINE

SUGAR GROVE ROAD

STATION EQUATION
STA 272+58.25 BK=
STA 5+80.92 AH

PROP. CURVE NSUGAR-1
PI STA. = 2+88.89
Δ = 17° 16′ 36″ (LT)
D = 5° 43′ 46″
R = 1,000.00′
T = 151.92′
L = 301.53′
E = 11.47′
e = 1.6%
P.C. STA. = 1+36.97
P.T. STA. = 4+38.51
SE DEVELOPED STA. 1+30.21 TO STA. 2+21.36
SE REMOVED STA. 3+77.52 TO STA. 5+52.52

2" MIN. BITUMINOUS RESURFACING ENDS

LIMITS OF RESURFACING
STA 1+30.21
MATCH EXISTING
CROSS SLOPE

PROPOSED BUTT JOINT
SEE SPECIAL DETAIL

PC Sta 1+36.97

PT Sta 0+00.00

59°-56′-38.67″

240°-14′-07.33″

PT Sta 32+17.73

LIMITS OF RESURFACING
STA 30+91.00

PROPOSED BUTT JOINT
SEE SPECIAL DETAIL

PT Sta 30+71.98

1½" BITUMINOUS RESURFACING BEGINS

MATCH LINE STA 29+00.00

BARTLOW SPUR

SEC 6, T 1 N, R 1 W, 4TH PM

SEC 31, T 2 N, R 1 W, 4TH PM

SCALE IN FEET

SEC 31, T 2 N, R 1 W, 4TH PM

PROP. CURVE BARTLET-2
PI STA. = 28+34.25
Δ = 17° 42′ 52″ (RT)
D = 3° 41′ 45″
R = 1,550.28′
T = 241.58′
L = 479.31′
E = 18.71′
e = 3%
P.C. STA. = 25+92.67
P.T. STA. = 30+71.98
SE ATTAINED STA. 29+41.01 TO STA. 30+91.01
SE REMOVED STA. 24+76.01 TO STA. 26+56.01

PI STA 28+34.25
N - 1252396.812 E - 2185936.355
PK NAIL

PC STA 25+92.67
N - 1252638.337 E - 2185941.611
PK NAIL

PT STA 15+94.18
N - 1253636.598 E - 2185963.335
PK NAIL

CL SURVEY & CONSTRUCTION
BARTLOW SPUR (CH 1 EXT.)

MATCH LINE STA 14+00.00

PT Sta 15+94.18

SCALE IN FEET

SEC 31, T 2 N, R 1 W, 4TH PM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
COUNTY HIGHWAY 1
RESURFACING PLANS

STA 269+00 TO STA 0+00
STA 32+18 TO STA 14+00

DRAWN BY: JCW
DATE JULY 27, 2005 CHECKED BY: JRB

V:\2387\PROJ REP SHTS\2387PORT0.DGN

V:\PROJ REP SHTS\2387SHT10.dgn 07/16/2006 08:14:13 AM