CONTRACT NO. 72829

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	•	729	72
STA. 165+04.36	TO STA. 206+54.51			
FED. ROAD DIST. NO. 5	ILLINOIS	FED. AID PROJECT		

• SANGAMON AND CHRISTIAN

100′ 0 100′ 200′
SCALE: 1″ = 100′

PROP. ℄ TR73 CURVE DATA
7017 PI STA. = 189+43.73
Δ = 55° 33′ 30″ (LT)
D = 7° 35′ 35″
R = 754.59′
T = 397.50′
L = 731.71′
E = 98.30′
e = 4.00%
T.R. = 48.75′
S.E. RUN = 130.00′
7016 P.C. STA = 185+46.22
7018 P.T. STA = 192+77.93

EXISTING ℄ IL RTE. 29

POT Sta 165+04.36
PROP. ℄ TR 73 (2050N) =
POT Sta 165+04.36
EXIST. ℄ IL RTE 29

H 9025

S 35° 08′ 43″ E

PROPOSED ℄ TR 73 (2050N) =
EXISTING ℄ IL. RTE 29

PI Sta 173+39.40

PI Sta 175+86.85

179°58′38″

179°59′06″

S 35° 07′ 06″ E

S 35° 05′ 44″ E

7013/6010

7014

7015

165

170

175

STA. 165+04.36 PROP. ℄ TR 73 (2050N) =
P.O.T. STA. 165+04.36 EXIST. ℄ IL RTE. 29

S 35° 06′ 43″ E
(EXIST ℄ IL RTE 29)

180

S 35° 06′ 38″ E

TH 9022

STA. 188+12.71 PROP. ℄ TR 73 (2050N) =
STA. 300+00.00 PROP. ℄ TR 73 (2050N) CONNECTOR

POT Sta 185+00.00
PC Sta 185+46.22
PROP ℄ TR 73 (2050N) =
POT Sta 1467+20.26
EXIST. ℄ IL. RTE. 29

6011

7016/7004

185

7025

1465

75°00′00″
(TO LOCAL
TANGENT)

PI Sta
189+43.73

1190

7017

MATCHLINE STA. 192+00

EXISTING ℄
IL. RTE. 29

1460

N 49° 39′ 19″ E

2002

PT Sta 298+57.02

7024

1460

PROP. ℄ BIKE PATH
GRADING & SHAPING

END BIKE PATH GRADING & SHAPING
P.O.T. STA. 1464+63.63 PROP ℄
BIKE PATH
GRADING & SHAPING =
STA. 298+76.92 LT. PROP. ℄ TR 73
(2050N) CONNECTOR

PC Sta 296+64.72

PI Sta 297+64.87

7023

7022

PROPOSED ℄ TR 73 (2050N) CONNECTOR

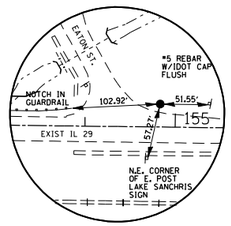
1235

N 89° 09′ 55″ E

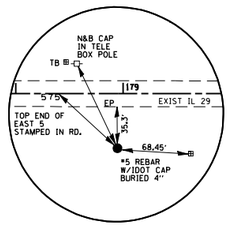
POT Sta 291+98.73

7021

PROP. ℄ TR73 CONNECTOR
CURVE DATA
7023 PI STA. = 297+64.87
Δ = 39° 30′ 37″ (LT)
D = 20° 32′ 44″
R = 278.87′
T = 100.15′
L = 192.30′
E = 17.44′
e = 4.00%
T.R. = 37.50′
S.E. RUN = 100.00′
7022 P.C. STA = 296+64.72
7024 P.T. STA = 298+57.02



IDOT HORIZONTAL CONTROL- H 9025
STATION 154+83.02, 25.44′ LT.
N: 1089359.044
E: 2515572.784



IDOT HORIZONTAL CONTROL- TH 9022
STATION 178+94.69, 47.27′ RT.
N: 1087344.743
E: 2516900.941

N

100′ 0 100′ 200′
SCALE: 1″ = 100′

PROPOSED ℄ IL. RTE. 29

STA. 1458+53.77 PROP. ℄ IL. RTE. 29 =
STA. 200+00.00 PROP. ℄ TR 73 (2050N)

MATCHLINE STA. 192+00

PT Sta 192+77.93

7018

195

N 89° 19′ 52″ E

7019

200

88°43′07″
(TO LOCAL TANGENT)

N 89° 19′ 52″ E

205

POT Sta 206+54.51

7020

1460

1455

1458

EXISTING ℄ IL. RTE. 29

PROPOSED ℄ TR 73 (2050N)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL
TR 73 ℄ AND TR 73 CONNECTOR ℄

SCALE: 1″ = 100′ DRAWN BY: R.A.H.
DATE: 03/06/2012 CHECKED BY: J.M.M.

HORIZONTAL CONTROL: TR 73 (2050N) & TR 73 (2050N) CONNECTOR

Default
L:\IDOT\030660\\drawing\sheets\D672829-sht-ATB_ALG_010.dgn
3/16/2012