CONTRACT NO. 72829

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	•	729	351
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO. 5	ILLINOIS	FED. AID PROJECT		

• SANGAMON AND CHRISTIAN

℄ STA. 1484+93.45 IL. RTE. 29 =
℄ STA. 400+00.00 CH 21 (2100 N)

MATCHLINE STA. 398+75

SCALE: 1" = 20'

PR MEDIAN RADIUS POINTS
- (M) STA. 1484+23.57, 25.00' LT.
- (N) STA. 1484+60.39, 14.47' LT.
- (O) STA. 1484+60.31, 2.53' RT.
- (P) STA. 1484+23.30, 13.00' RT.

PR RADIUS 68'

PR RADIUS POINTS
- (A) STA. 1484+12.97, 49.00' LT.
- (B) STA. 398+83.24, 12.00' RT. (CH 21)

(!) STA. 1484+52.15, 61.00' LT.

PR 3-CC RADIUS POINTS
- (C) STA. 397+56.75, 12.00' LT. (CH 21)
- (D) STA. 398+87.85, 26.50' LT. (CH 21)
- (E) STA. 1485+69.68, 63.60' LT.
- (F) STA. 1485+92.83, 61.00' LT.

PR 3-CC
100' - 62' - 600'
Ø1 = 1'
Ø2 = 13'

PROPOSED ℄ IL. RTE. 29

S.B. RT. TURN LANE AND TAPER
CROSS SLOPE VARIES FROM 2.0% TO 4.0%

200' STORAGE

230' TAPER

N.B. LT. TURN LANE AND TAPER
CROSS SLOPE = 2.0%

PC Sta 1484+15.81

R=10'
STA. 1484+55.08
5.99' LT.

89°23'17" TO LOCAL TANGENT

R=10'
STA. 1485+31.78
5.34' RT.

S.B. LT. TURN LANE AND TAPER
CROSS SLOPE VARIES FROM 1.0% TO 4.0%

N.B. RT. TURN LANE AND TAPER
CROSS SLOPE = 2.0%

PR RADIUS 68'

PR MEDIAN RADIUS POINTS
- (O) STA. 1485+62.11, 13.00' LT.
- (R) STA. 1485+26.66, 3.26' RT.
- (S) STA. 1485+26.37, 13.75' RT.
- (T) STA. 1485+64.55, 25.00' RT.

PR RADIUS POINTS
- (G) STA. 1485+70.50, 49.00' RT.
- (H) STA. 401+15.57, 12.00' LT. (CH 21)

(2) STA. 1485+32.57, 61.00' RT.

PROPOSED ℄ CH 21 (2100 N)

P.E. STA. +53.94

PR 3-CC
100' - 62' - 600'
Ø1 = 1'
Ø2 = 13'

PR 3-CC RADIUS POINTS
- (I) STA. 1483+98.30, 61.00' RT.
- (J) STA. 1484+21.03, 63.63' RT.
- (K) STA. 401+10.67, 26.50' RT. (CH 21)
- (L) STA. 402+41.77, 12.00' RT. (CH 21)

MAILBOX TURNOUT PER STANDARD 406201

MATCHLINE STA. 398+75

50.00' V.C.
(S.B. LANES MEDIAN E.O.P.)
(N.B. LANES MEDIAN E.O.P.)
-2.00%
+2.00%
VPI STA. 400+00.00 (℄ IL. RTE. 29)

MEDIAN CROSSOVER ℄ PROFILE

PROP. IL. RTE 29 CURVE-2 DATA
PI STA. = 1513+04.87
Δ = 57° 39' 14" (LT)
D = 1° 05' 29"
R = 5,249.33'
T = 2,889.06'
L = 5,282.14'
E = 742.51'
e = 4.00%
T.R. = 86.25'
S.E. RUN = 230.00'
P.C. STA. = 1484+15.81
P.T. STA. = 1536+97.95

NOTE: SEE ALIGNMENT SHEETS FOR ℄ ALIGNMENT DATA

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL
IL. RTE. 29 / CH21 (2100N)

SCALE: 1" = 20'
DRAWN BY: B.M.B.
DATE: 03/06/2012
CHECKED BY: J.M.M.

Default
L:\IDOT\030660\drow\sheets\D672829-sht-intSecDet-CH2i.dgn
3/6/2012

INTERSECTION DETAIL: IL. RTE. 29 /CH21 (2100N)