93370

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 11	*	MENARD	44	14
PROJECT SR-565(110)				

* 98-00047-00-RS

For Temporary Access Road Details, see Sheet No. 14A.

PK Nail in Lone Post
℄ Exist. Rdwy.
Iron Pin Set
Iron Pin Set
R=89.51'
27.81'
23.58'

TIE #1
P.O.T. Sta. 5+00.09
(Mag Nail)

Sta. 9+86 – ℄ Rdwy. at ℄ Structure No.1
Single Span Reinforced Concrete Deck Slab Bridge on Closed Concrete Abutments and Concrete Wingwalls. ±10'-0" Bk.-Bk. Abuts., ±26'-0" F.-F. Concrete Rail. 0° Skew. (To be removed)

Margaret G. Kincaid, Trustee

Temporary Construction Easement

PK Nail in 18"ø Tree
PK Nail in 24"ø Tree
PK Nail in 6"ø Tree
℄ Exist. Rdwy.
R=89.22'
38.2'

TIE #2
Sta. 10+30.00
(R.R. Spike w/ Chiseled "X")

Match at Sta. 9+67
100' Lt.

Prop. R.O.W.
+48.53
45

+87.10
110'

+89.10
45'
+89.44
35'

+83
110'

Const. Limits

Prop. Secondary ±75'

+10
45'

P.I.#1
Δ=15°32'46"

BM#2

±18

±39

P.E.

Exist. R.O.W.

Const. Limits

MATCH LINE Sta. 18+00

Exist. 12"ø x 50' C.M.P.
(To remain in place)

+96.44
35'
45'

+68.2
35'

P.T. 1+67

0+00

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15+00
16
17

Exist. R.O.W.

BM#1

℄ Ill. Rt. 29

PROJECT BEGINS
Sta. 5+35.60

Exist. R.O.W.

+00
25.02'

+00
40'

+10
40'

+09.03
40'

+48.53
40'

Culvert No. 1
Sta. 9+86 – ℄ Rdwy. at ℄ Structure
Proposed Precast Concrete Box Culvert
10'-0" W. x 5'-0" H. x 58'-0"
℄ Inlet – El. 570.2 ℄ Outlet – El. 570.0

Const. Limits

Exist. 24"ø x 40' C.M.P.
(To be removed)

Prop. R.O.W.

℄ Sta. 13+55 *
New 24"ø x 44' Pipe Culvert, Class D, Type 1 with Headwalls
℄ In. – El. 575.5 20' Lt.
℄ Out. – El. 575.0 22' Rt.

Illinois Department of Transportation

Indian Point Cemetery

℄ Exist. & Prop. Rdwy.

+84.21
40'

+83.97
26.37'

Exist. R.O.W.

P.I.

Channel Excavation – Sta. 9+86 32' Lt. to Sta. 9+67 100' Lt. – 156 Cu. Yds.

Tree Removal – Sta. 8+00, 28' Rt. to Sta. 13+85, 40' Rt. – 0.07 Acre
Sta. 8+60, 29' Lt. to Sta. 9+00, 35' Lt. &
Sta. 10+15, 30' Lt. to Sta. 10+50, 35' Lt. – 0.02 Acre

CURVE #1 DATA
P.I. Sta. 10+30
Δ = 15°32'46"
D = 6°31'03"
T = 120.00'
R = 879.09'
L = 238.53'
E = 8.15'
P.C. Sta. 9+10
P.T. Sta. 11+48.53
S.E. = 0.065'/ '
S.E. Attained: Sta. 8+26.67 to Sta. 9+51.67
Sta. 11+06.86 to Sta. 12+31.86

SCHEDULE
TEMPORARY DITCH CHECKS

LOCATION	QUANTITY EACH
Sta. 8+50 Lt.	1
Sta. 9+50 Lt. & Rt.	2
Sta. 10+25 Lt. & Rt.	2
Sta. 14+00 Lt. & Rt.	2
Sta. 17+00 Lt. & Rt.	2
TOTAL	9

– – – – Indicates Perimeter Erosion Barrier
–⟡– Denotes Temporary Ditch Check

PLAN
0 50 100
Scale: 1"=50'

±25'-6"
S.B. El. 571.7
(Sta. 9+67 Lt.)

EXISTING CHANNEL SECTION
(Looking Upstream)
Match at Sta. 9+67 100' Lt.

±10'-0" ±5'-0" ±10'-0"
2:1 or Rt. ∠'s
S.B. Slope ±2.00%

PROPOSED CHANNEL SECTION
(Looking Upstream)

UTILITIES
Ameritech
555 E. Cook Street
Springfield, Illinois 62703
217-753-2973

Ameren CIPS
700 Jersey Street
Quincy, Illinois 62306
217-221-0806

Benchmarks: BM#1 – 60d Nail & Washer in Tree
30' Lt. : Sta. 6+72 El.587.23
BM#2 – 60d Nail & Washer in Power Pole
28' Lt. : Sta. 11+73 El.577.71

PROJECT BEGINS
Sta. 5+35.60

P.O.T. Sta. 5+50
El. 595.05

Begin Pavement Removal
Sta. 5++35.60

-2.87%

100' V.C.
M.O.=0.27'

V.P.C. Sta. 6+35
El. 592.61

V.P.I. Sta. 6+85
Tan. El. 591.18

V.P.R.C. Sta. 7+35
El. 588.66

340' V.C.
M.O.=2.14'

End Pavement Removal
Sta. 8+15

-5.04%

℄ Ditch Lt.

℄ Prop. Rdwy.

V.P.I. Sta. 9+05
Tan. El. 580.10

V.P.T. Sta. 10+75
El. 580.10

0.00%

℄ Exist. Rdwy.

℄ Ditch Lt.

℄ Ditch Rt.

℄ Ditch Rt.

Earth Excavation – 452 Cu. Yds.
Furnished Excavation – 2918* Cu. Yds.
Embankment – 3395 Cu. Yds.

* Quantity has been reduced by 138 Cu. Yds. due to large Aggregate Entrances located at Sta. 12+18 Lt. & Sta. 13+59 Lt.

SCHEDULE
PERIMETER EROSION BARRIER

LOCATION	QUANTITY EACH
Sta. 8+50 to Sta. 12+00 Lt. & Rt.	700
Sta. 12+50 to Sta. 18+00 Rt.	400
Sta. 14+00 to Sta. 18+00 Lt.	600
TOTAL	1700

MATCH LINE Sta. 18+00

600 595 590 585 580 575 570 565 560

593.61(Exist.)
593.60(Prop.)
590.3
590.29
585.0
585.70
579.6
582.36
577.5
580.51
577.0
580.10
577.3
580.10
577.6
580.10
577.6
580.10
577.3
580.10
577.4
580.10
577.7
580.10
578.0
580.10

6 7 8 9 10+00 11 12 13 14 15+00 16 17 18

PROFILE

PLAN & PROFILE
F.A.S. 565 – QUARRY ROAD (C.H. 11)
SECTION 98-00047-00-RS
MENARD COUNTY

FILE NAME: MC47PP1 (REV. 9/29/04)