SHAWNEE NATIONAL FOREST
NE¼, NW¼, SEC 10, T. 12 S., R. 4 E., 3RD P.M.

P.O.T. STA. 5+14.57
(TO BE SET)
N. 302,345.2915
E. 861,114.1050

P.I. STA. 7+55.71
(TO BE SET)
N. 302,602.2936
E. 861,311.1535

P.O.T. STA. 9+00.47
(TO BE SET)
N. 302,153.3985
E. 861,447.0100

P.I. STA. 9+75.76
(TO BE SET)
N. 302,126.2265
E. 861,516.7601

EXIST. CURVE CUR1
PI STA. = 7+55.71
Δ = 13° 55' 20" (LT)
D = 11° 30' 00"
R = 498.22'
T = 60.83'
L = 121.06'
E = 3.70'
P.C. STA = 6+94.88
P.T. STA = 8+15.94
NO S.E.

POI STA 5+14.57
GUM SPRINGS ROAD
PC STA 6+94.88
PERIMETER EROSION BARRIER
150 FOOT
℄ PROPOSED IMPROVEMENT
DOUBLE BRIDGES LANE
AGGREGATE
20' R.O.W.
20' EXIST.
TIMBER
PI STA 7+55.71
IMPROVEMENT BEGINS
STATION 8+10
PT STA 8+15.94
PC STA 8+67.81
*15.7%
PI STA 9+75.76
CREEK
EAST CEDAR
90°
STATION 10+00
PRECAST PRESTRESSED CONCRETE DECK BEAM BRIDGE, SINGLE SPAN @ 58'-0"
21'-0" ROWY., SKEW = 0° S.E. = 4.0%
PROPOSED STRUCTURE NO. 044-3134
10+25.00
25.00' LT.
10+25.00
20.00' LT.
PROPOSED R.C.W. LINE
PT STA 10+58.67
10+00
MATCHLINE STA. 11+00.00
0 20' 40'
GRAPHIC SCALE

EXIST. CURVE CUR2
PI STA. = 9+75.76
Δ = 66° 48' 02" (RT)
D = 35° 00' 00"
R = 163.70'
T = 107.94'
L = 190.86'
E = 32.38'
P.C. STA = 8+67.81
P.T. STA = 10+58.67
SE MAX = 4.0%
SE TRANSITIONS:
STA. 8+13.14 TO STA. 8+86.04
STA. 10+40.45 TO STA. 11+13.35

EXISTING STRUCTURE NO. 044-3025
STATION 10+00 - SINGLE SPAN STEEL I-BEAM BRIDGE WITH TIMBER DECK ON CLOSED CONCRETE ABUTMENTS AND WINGWALLS.
40.0' BK.-BK. ABUTS; 14.5' o.-o. DECK

TEMPORARY DITCH CHECK

*TRANSITION FROM THE PROPOSED ROADWAY TO THE EXISTING ROADWAY IS TO BE CONSTRUCTED FROM STA. 8+10 TO 8+60.

SHAWNEE NATIONAL FOREST
NE¼, NW¼, SEC 10, T. 12 S., R. 4 E., 3RD P.M.

PLAN
REVISED
PLOTTED
NOTE BOOK
NO.
BY
DATE
ALIGNMENT SHIFTED
ADDED BM #3
P.O.D. FILE NAME

PROFILE
REVISED
PLOTTED
GRADES CHECKED
NOTE BOOK
NO.
BY
DATE
STRUCTURE ROTATING CKWD

BM#3 - REBAR
15' LT., STA. 9+16
ELEV. 388.05

VPC
VPI STA. 8+60
ELEV. 386.60
K = 18
100' V.C.
VPRC
VPC
VPI STA. 9+40
ELEV. 390.90
K = 11
60' V.C.
VPI
VPC
VPI STA. 10+60
ELEV. 390.90
K = 14
60' V.C.
VPRC

100 YEAR H.W. ELEV. 389.5
10 YEAR H.W. ELEV. 387.6
PROPOSED ℄ GRADE
EXISTING ℄ GRADE
-0.200%
+5.315%
+0.000%
-4.444%
SPECIAL DITCH RT.
386.30 RT.
+0.72%
+1.00%
385.70 LT.
SPECIAL DITCH LT.
1V:2H
CHANNEL EXCAVATION
STONE DUMPED RIPRAP, CLASS A4
℄ ELEV. 375.6

410 405 400 395 390 385 380 375 370

391.6 388.9 387.8 387.3 386.8 386.7 386.70 387.2 387.07 387.6 388.78 388.7 390.72 389.4 390.90 387.5 390.75 386.8

5+50 6+00 6+50 7+00 7+50 8+00 8+50 9+00 9+50 10+00 10+50 11+00

FILE NAME = 110138-sht-ppt.dgn	USER NAME =	DESIGNED - J.W.F.	REVISED -
		DRAWN - T.W.K.	REVISED -
	PLOT SCALE =	CHECKED - M.G.B.	REVISED -
	PLOT DATE = 10/29/2012	DATE - 10/29/12	REVISED -

HAMPTON, LENZINI AND RENWICK, INC.
3541 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PS / SE CORP. 184.002869

STATE OF ILLINOIS
JOHNSON COUNTY HIGHWAY DEPARTMENT

PLAN & PROFILE
T.R. 85 / DOUBLE BRIDGES LANE

SCALE: H20:V5 | SHEET NO. 1 OF 2 SHEETS | STA. 5+14.57 TO STA. 11+00.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
85	10-01218-00-BR	JOHNSON	19	4
COUNTY UNIT ROAD DISTRICT		CONTRACT NO. 99476		
		ILLINOIS FED. AID PROJECT		