GRAPHIC SCALE

20 0 20 40 60 80 100

FEET

EXIST. CURVE 1310
PI STA. = 319+84.58
Δ = 9° 57′ 27″ (LT)
D = 1° 35′ 52″
R = 3,585.97′
T = 312.39′
L = 623.22′
E = 13.58′
P.C. STA. = 316+72.19
P.T. STA. = 322+95.40

(P1) STORM SEWER
(WATER MAIN REQUIREMENTS) 12″
12″ x 35′ @ 0.57%

(P2) STORM SEWERS, CL A, TY 2
12″ x 28′ @ 0.54%
PIPE UNDERDRAINS 4″ = 36′

(P3) STORM SEWERS, CL A, TY 2
12″ x 2′ @ 2.50%

(P4) STORM SEWERS, CL A, TY 2
12″ x 12′ @ 1.67%

(P5) STORM SEWERS, CL A, TY 2
15″ x 93′ @ 4.28%

(P6) STORM SEWERS, CL A, TY 2
15″ x 34′ @ 2.94%

(P7) STORM SEWERS, CL A, TY 2
12″ x 18′ @ 2.00%

(P8) STORM SEWER
(WATER MAIN REQUIREMENTS) 15″
15″ x 57′ @ 2.60%

(P9) STORM SEWER
(WATER MAIN REQUIREMENTS) 15″
15″ x 53′ @ 1.90%

(P10) STORM SEWERS, RUBBER GASKET,
CL A, TY 2
12″ x 43′ @ 5.81%

(P11) STORM SEWERS, CL A, TY 2
12″ x 40′ @ 2.50%

(P12) STORM SEWERS, CL A, TY 2
12″ x 3′ @ 1.67%

(P13) STORM SEWERS, CL A, TY 1
12″ x 9′ @ 1.67%

(P14) STORM SEWERS, CL A, TY 1
12″ x 6′ @ 1.67%

(P15) STORM SEWERS, CL A, TY 2
12″ x 15′ @ 1.67%

(P16) STORM SEWERS, CL A, TY 2
15″ x 20′ @ 2.50%

(P17) STORM SEWER
(WATER MAIN REQUIREMENTS) 15″
15″ x 43′ @ 4.65%

PROJECT BEGINS
STA 317+45.00

PROJECT ENDS
STA 323+05.00

℄ IL 84 (WASHINGTON ST.)

℄ FULTON ROAD

℄ FULTON STREET

MONROE ST

EXISTING R.O.W.

PROP. R.O.W.

TEMPORARY EASEMENT

PERMANENT EASEMENT

PR PIPE UNDERDRAIN 4″

+70 C.E.

+75 C.E.

320+00

STA. 321+71.11 ℄ IL 84 =
STA. 10+00.00 ℄ FULTON RD.

1 STA. 317+45.00, 18.36′ LT.
INLETS, SPECIAL
EOP ELEV. 628.74
N FL ELEV. 624.55

2 STA. 317+83, 17.07′ LT.
INLETS, SPECIAL
EOP ELEV. 629.04
S FL ELEV. 624.35
E FL ELEV. 624.25

3 STA. 317+82.30, 13.39′ RT.
MANHOLES TO BE ADJUSTED
PR RIM ELEV. 629.15
PR W FL ELEV. 624.10
PR E FL ELEV. 624.00 (NEW OPENING)
PLUG EX OPENING (N SIDE)

4 STA. 317+82.00, 17.30′ RT.
INLETS, SPECIAL
EOP ELEV. 629.04
W FL ELEV. 623.95
N FL ELEV. 623.85

5 STA. 317+96.50, 16.63′ RT.
INLETS, SPECIAL
EOP ELEV. 629.08
S FL ELEV. 623.65
N FL ELEV. 623.55

6 STA. 318+79.00, 32′ RT.
P.R.C. FLARED END SECTIONS 15″
FL ELEV. 620.00

7 STA. 321+03.00, 34.00′ LT.
P.R.C. FLARED END SECTIONS 15″
FL ELEV. 621.00

8 STA. 9+33.00, 11.95′ RT.
INLETS, SPECIAL
EOP ELEV. 629.55
E FL ELEV. 623.60

9 STA. 9+53.00, 16.95′ RT.
INLETS, SPECIAL
EOP ELEV. 629.43
W FL ELEV. 623.25
N FL ELEV. 623.00
S FL ELEV. 622.00

10 STA. 321+94.00, 18.54′ LT.
INLETS, SPECIAL
EOP ELEV. 629.97
N FL ELEV. 625.00
S FL ELEV. 624.50

11 STA. 322+50.00, 15.00′ LT.
INLETS, SPECIAL
EOP ELEV. 632.06
N FL ELEV. 627.00
S FL ELEV. 626.00

12 STA. 322+95.00, 19.67′ LT.
INLETS, TY B, TY 1 FRAME, CLID
RIM ELEV. 634.60
N FL ELEV. 630.00±
S FL ELEV. 629.50
CONNECT TO EXIST STORM SEWER
COST INCIDENTAL TO INLETS, TY B,
TY 1 FRAME, CLID

13 STA. 322+50.00, 15.00′ RT.
INLETS, SPECIAL
EOP ELEV. 632.06
S FL ELEV. 627.05

14 STA. 322+08.50, 15.00′ RT.
INLETS, SPECIAL
EOP ELEV. 630.53
N FL ELEV. 626.05
E FL ELEV. 625.80

15 STA. 322+08.50, 21.30′ RT.
INLET SPECIAL NO. 2
RIM ELEV. 628.38
W FL ELEV. 625.75
S FL ELEV. 625.50

16 STA. 321+97.60, 21.30′ RT.
INLET SPECIAL NO. 2
RIM ELEV. 629.24
N FL ELEV. 625.35
E FL ELEV. 625.10

17 STA. 321+97.60, 29.00′ RT.
INLET SPECIAL NO. 2
RIM ELEV. 628.08
NW FL ELEV. 625.00
SE FL ELEV. 624.75

18 STA. 10+39.00, 10.00′ LT.
INLETS, SPECIAL
EOP ELEV. 628.77
N FL ELEV. 624.50
S FL ELEV. 624.25

19 STA. 10+39.00, 10.00′ RT.
INLETS, SPECIAL
EOP ELEV. 628.77
N FL ELEV. 623.75
S FL ELEV. 623.00

20 STA. 321+18.50, 35′ RT.
P.R.C. FLARED END SECTIONS 15″
FL ELEV. 621.00

FILE NAME = Z64E08-SHT-DRAIN.dgn
MODEL = Sheet
PLOT DRIVER = V8i_IDOT_PDF_11x17.plt.cfg

QUIGG ENGINEERING INC

USER NAME = S_Dulakis	DESIGNED -	REVISED -
FILE NAME = Z64E08-SHT-DRAIN.dgn	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ′ / in.	CHECKED -	REVISED -
PLOT DATE = 8/2/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
IL ROUTE 84 OVER APPLE RIVER

SCALE: 1″ = 20′ | SHEET NO. 1 OF 1 SHEETS | STA. 317+45.00 TO STA. 323+05.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	103BR-4	JO DAVIESS	159	39
		CONTRACT NO. 64E08		
	ILLINOIS FED. AID PROJECT			