REINFORCED CONCRETE
END SECTION NO.2, 24"
INV 827.00
+19.9, 42.0' LT
(STD. 542101)

CONC. HDWL FOR P DRAIN
INV 834.94
+53.9, 40.1' RT
(STD. 6011001)

STORM SEWER
WM REQ., 24"
154 LF @ 2.29%

STR. NO. 14
INL TY A, 2' DIA. W/
TYPE 11V F&G
+00.0, 27.2' LT
RIM 838.92
INV 833.01 E 24"

STORM SEWER
CL A, TY 2, 12"
74 LF @ 2.00%

STR. NO. 8
MH TY A, 5' DIA. W/
TYPE 1 F&L, CLOSED
+74.0, 34.5' LT
RIM 837.10
INV 830.92 E 18"
INV 830.53 W 24"
INV 830.63 S 24"

STORM SEWER
WM REQ., 18"
74 LF @ 0.50%

STR. NO. 9
CB TY A, 4' DIA. W/
TYPE 1 F&L, OPEN
+49.5, 33.5' LT
RIM 834.85
INV 831.30 W 18"

STORM SEWER
CL A, TY 1, 24"
10 LF @ 1.00%

STR. NO. 10
MH TY A, 5' DIA. W/
TYPE 11V F&G
+74.0, 23.6' LT
RIM 839.21
INV 831.53 W 12"
INV 830.73 N 24"
INV 830.83 S 24"

STORM SEWER
CL A, TY 2, 24"
47 LF @ 1.00%

STORM SEWER
CL A, TY 2, 24"
16 LF @ 1.00%

STORM SEWER
CL A, TY 2, 24"
76 LF @ 1.00%

STR. NO. 11
MH TY A, 5' DIA. W/
TYPE 11V F&G
+74.0, 23.0' RT
RIM 840.02
INV 831.30 N 24"
INV 831.40 S 24"
INV 832.10 W 12"

STR. NO. 12
MH TY A, 5' DIA. W/
TYPE 1 F&L, CLOSED
+74.0, 39.0' RT
RIM 840.10
INV 831.56 N 24"
INV 831.66 E 24"

STR. NO. 13
CB TY A, 4' DIA. W/
TYPE 1 F&L, OPEN
+50.0, 39.0' RT
RIM 836.00
INV 832.43 W 24"

STR. NO. 15
INL TY A, 2' DIA. W/
TYPE 11V F&G
+00.0, 23.6' RT
RIM 839.26
INV 834.32 E 12"

CONC. HDWL FOR P DRAIN
INV 834.84
+53.9, 46.7' RT
(STD. 6011001)

PIPE UNDERDRAINS
FOR STRUCTURES
(SEE BRIDGE PLANS)

STORM SEWER
CL A, TY 2, 12"
74 LF @ 3.00%

MATCH LINE STA. 18+00.00

EX. R.O.W.

12" CMP

BIT

15"

BETHANY ROAD

FLAG POLE

GRAPHIC SCALE
FEET
20 0 20 40

N

PLAN
SURVEYED
PLOTTED
ALL R/W CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R/W CHECKED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.

860
855
850
845
840
835
830
825
820

ES2
SN8
SN9

PROP. PROFILE
EXIST. PROFILE
839.99
1.25%
0.7%
0.7%
1.65%
PROP. DITCH LEFT SIDE
PROP. DITCH RIGHT SIDE
EXIST. WATERMAIN, 12"

STORM SEWER
WM REQ., 24"
154 LF @ 2.29%

STORM SEWER
WM REQ., 18"
74 LF @ 0.50%

	EX. ELEV	PR. ELEV
18+00	838.03	839.16
18+50	837.98	839.31
19+00	838.15	839.46
19+50	838.45	839.61
20+00	838.83	839.74
20+50	839.17	839.59
21+00	839.53	839.58
21+50	839.87	839.78
22+00	840.19	
22+50	840.40	
23+00	840.77	
23+50	841.19	
24+00	841.62	

FILE NAME = W:\Projects\2010\10002854 Bethany&Wasdell\Civil\Dgn\Sht\DRAIN-2.dgn

WILLS BURKE KELSEY ASSOCIATES LTD.
116 West Main Street, Suite 201
St. Charles, Illinois 60174

USER NAME = nparris	DESIGNED - DPB	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = AS SHOWN	CHECKED - SBP	REVISED -	
PLOT DATE = 7/6/2011	DATE - 7/8/11	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES
PLAN & PROFILE

SCALE: AS SHOWN | SHEET NO. 43 OF 88 SHEETS | STA. 18+00.00 | TO STA. 21+80.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5355	04-00167-00-BR	DEKALB	88	43
		CONTRACT NO.87491		
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT		