CONTRACT NO. 89347

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6761	04-00057-06-WR	TAZEWELL	154	78
STA. 43+00	TO STA. 49+00			
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

SHIRLEY JUCHEMS

ROBERT HEATH

AMELIA STEARNES

REUTER LN.

BROADWAY

STA. 45+83.0, 42.0' LT.
END SECTIONS 15"
INV. ELEV. = 621.1

26 FT., PIPE CULVERTS, CLASS D, TYPE 1 15" @ 2.00% SLOPE

STA. 45+57.0, 42.0' LT.
END SECTIONS 15"
INV. ELEV. = 621.7

LT. STA. 45+96
STONE DUMPED RIPRAP, CLASS B3

STA. 46+05.0, 42.0' LT.
END SECTIONS 18"
INV. ELEV. = 620.7

82 FT., STORM SEWERS, CLASS A, TYPE 1 18" @ 5.09% SLOPE

STA. 46+88.0, 42.0' LT.
INLETS, TYPE B,
TY. 1 FRAME, OPEN LID
RIM ELEV. = 620.5
W. INV. ELEV. = 616.53
E. INV. ELEV. = 616.53
CONNECT EXISTING 4" PVC TO INLET. INCLUDED IN COST OF INLET.

205 FT., STORM SEWERS, CLASS A, TYPE 1 18" @ 2.07% SLOPE (SEE FOLLOWING SHEET FOR ADDITIONAL INFORMATION)

STA. 48+00.0, 42.0' LT.
INLETS, TYPE B,
TYPE 8 GRATE
RIM ELEV. = 618.30
W. INV. ELEV. = 615.00
E. INV. ELEV. = 614.90

109 FT., STORM SEWERS, CLASS A, TYPE 1 18" @ 1.40% SLOPE

EXISTING ROW

PROPOSED ROW

MATCH LINE STA. 43+00

MATCH LINE STA. 49+00

44+00 45+00 46+00 47+00 48+00

N

SCALE IN FEET 10 0 20 50

ATKINS GROUP

LEFT DITCH PROFILE

RIGHT DITCH PROFILE

EXISTING ℄ PROFILE

PROPOSED P.G.L. PROFILE

LT. 43+75.0 EL. 625.50

LT. 44+20.0 EL. 622.80

RT. 43+40.0 EL. 622.80

LT. 45+00.0 EL. 622.80

RT. 45+00.0 EL. 622.00

RT. 46+00.0 EL. 620.50

+2.00% +3.16% -0.50% +2.00% -1.00% -0.50% -1.50% -2.00% -2.00% 1.50% -2.00% -2.00% -2.00%

26 FT., PIPE CULVERTS, CLASS D, TYPE 1 15" @ 2.00% SLOPE

82 FT., STORM SEWERS, CLASS A, TYPE 1 18" @ 5.90% SLOPE

STA. 46+88.0, 42.0' LT.
INLETS, TYPE B,
TY. 1 FRAME, OPEN LID
RIM ELEV. = 620.5
W. INV. ELEV. = 616.53
E. INV. ELEV. = 616.53

109 FT., STORM SEWERS, CLASS A, TYPE 1 18" @ 1.40% SLOPE

STA. 48+00.0, 42.0' LT.
INLETS, TYPE B,
TYPE 8 GRATE
RIM ELEV. = 618.30
W. INV. ELEV. = 615.00
E. INV. ELEV. = 614.90

205 FT., STORM SEWERS, CLASS A, TYPE 1 18" @ 2.07% SLOPE

	43+00	43+50	44+00	44+50	45+00	45+50	46+00	46+50	47+00	47+50	48+00	48+50	49+00
EXISTING ELEVATIONS	623.38	623.52	623.70	623.93	624.15	624.36	624.31	624.25	624.19	624.13	624.07	623.86	623.65
PROPOSED ELEVATIONS	623.77	624.00	624.23	624.43	624.59	624.71	624.78	624.82	624.81	624.76	624.67	624.54	624.37
	623.44	623.23	623.02	622.72	622.43	622.13	621.84	621.54	621.12	620.70	620.28	619.86	619.44	619.08	618.71	618.35	617.99	617.64
	624.16	623.90	623.61	623.27	622.90	622.53	622.16	621.80	621.43	621.06	620.69	620.32	619.95	619.59	619.22	618.85	618.48	618.11

640 635 630 625 620 615 610 605 600

SCALE IN FEET 2.5 0 2.5 5 7.5 10

BROADWAY – DRAINAGE PLAN AND PROFILE – STA. 43+00 TO STA. 49+00

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, ALIGNMENT CHECKED, NOTE BOOK, NO., STRUCTURE NUMBERS ORDD, BY, DATE

PLOT DATE = 2/6/2008
FILE NAME = N:\2005686879\cdgn\plans\BR-08 43-49.dgn
PLOT SCALE = 20.000 FT / IN.
USER NAME = IDOT

BR-08 43-49.dgn 2/6/2008 9:44:28 AM