CONTRACT NO. 89347

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6761	04-00057-06-WR	TAZEWELL	154	81
STA. 55+00	TO STA. 61+00			
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

PLAN | PROFILE
SURVEYED | DRAWN | PLOTTED | CHECKED | QUANTITIES CHKD | STRUCTURE DETAILS CHKD
NOTE BOOK | BY | DATE
RT. OF WAY CHECKED
NO. | PLANS READY

(SEE PREVIOUS SHEET FOR PLAN VIEW)

MATCH LINE STA. 55+00

PROPOSED P.G.L. PROFILE

EXISTING ℄ PROFILE

STA. 57+61.6, 76.5' LT.
MANHOLES, TYPE A, 4' DIA.,
TYPE 1 FRAME, CLOSED LID
RIM ELEV. = 588.8
S. INV. ELEV. = 576.30
N. INV. ELEV. = 574.00

EX. CROSSROAD 24" CMP
SEE BOTTOM PANEL FOR CONTINUATION

44 FT., PIPE CULVERTS, CLASS A,
TYPE 2 24" @ 5.75% SLOPE

STA. 58+83.8, 80.0' LT.
MANHOLES, TYPE A, 4' DIA.,
TYPE 1 FRAME, OPEN LID
GRATE ELEV. = 591.0
S. INV. ELEV. = 577.0
E. INV. ELEV. = 583.0
W. INV. ELEV. = 575.4

EX. CROSSROAD 30" CMP
SEE BOTTOM PANEL FOR CONTINUATION

106 FT., STORM SEWERS, CLASS A,
TYPE 2 36" @ 5.66% SLOPE

126 FT., STORM SEWERS, CLASS A,
TYPE 2 15" @ 12.7% SLOPE

GUTTER OUTLET (SPECIAL)

INV. ELEV. = 604.0

MATCH LINE STA. 61+00

(LEFT SIDE)

SCALE IN FEET: 10 0 2.5 5 7.5 10

	55+00	55+50	56+00	56+50	57+00	57+50	58+00	58+50	59+00	59+50	60+00	60+50	61+00
EXISTING ELEVATIONS	604.90	604.77	604.64	604.52	604.40	604.28	604.12	603.96	603.80	603.65	603.50	603.51	603.54
PROPOSED ELEVATIONS	605.32	605.14	604.99	604.84	604.68	604.53	604.38	604.25	604.12	604.01	603.91	603.82	603.78

	603.58	603.61	603.75	603.89	604.18	604.43	604.69	604.94	605.43	605.93	606.43	606.92	607.42	607.81	608.20	608.58	608.97	609.35
	603.79	603.85	603.95	604.11	604.32	604.58	604.89	605.25	605.66	606.12	606.58	607.04	607.50	607.96	608.40	608.80	609.15	609.45

(SEE PREVIOUS SHEET FOR PLAN VIEW)

SCALE IN FEET: 10 0 20 50

MATCH LINE STA. 55+00

PROPOSED P.G.L. PROFILE

EXISTING ℄ PROFILE

STA. 56+61.5, 30.5' RT.
MANHOLES, TYPE A, 5' DIA.,
TYPE 1 FRAME, CLOSED LID
RIM ELEV. = 603.5
SE. INV. ELEV. = 593.0
NE. INV. ELEV. = 591.2

+1.00%
-5.67%
-3.64%
+1.19%

RT. 55+00.0 EL. 599.40
RT. 55+40.0 EL. 593.80
RT. 56+00.0 EL. 596.40
RT. 56+66.0 EL. 594.00
RT. 57+50.0 EL. 595.00

RIGHT DITCH PROFILE

25 FT., PIPE CULVERTS, CLASS A,
TYPE 2 24" @ 4.0% SLOPE

EX. CROSSROAD 24" CMP
SEE TOP PANEL FOR CONTINUATION

STA. 57+77.8, 85.2' RT.
END SECTIONS 24"
INV. ELEV. = 591.00

STA. 57+81.3, 78.3' RT.
MANHOLES, TYPE A, 5' DIA.,
TYPE 1 FRAME, CLOSED LID
RIM ELEV. = 597.50
SE. INV. ELEV. = 593.30
SW. INV. ELEV. = 590.90
NE. INV. ELEV. = 590.90

5 FT., PIPE CULVERTS, CLASS D,
TYPE 1 24" @ 2.00% SLOPE

EX. 36" CMP

STA. 58+36.4, 57.2' RT.
MANHOLES, TYPE A, 5' DIA.,
TYPE 1 FRAME, CLOSED LID
RIM ELEV. = 598.0
INV. ELEV. = 590.80

132 FT., PIPE CULVERTS, CLASS A,
TYPE 2 36" @ 0.55% SLOPE

STA. 59+73.4, 52.5' RT.
MANHOLES, TYPE A, 5' DIA.,
TYPE 1 FRAME, CLOSED LID
RIM ELEV. = 598.0
W. INV. ELEV. = 590.08
E. INV. ELEV. = 590.0
S. INV. ELEV. = 587.8

CL CROSSROAD 36" CMP
SEE TOP PANEL FOR CONTINUATION

32 FT., PIPE CULVERTS,
CLASS D, TYPE 1 36"
@ 3.75% SLOPE

STA. 59+78.3, 86.6' RT.
END SECTIONS 36"
INV. ELEV. = 589.0

75 FT., PIPE CULVERTS, CLASS D,
TYPE 2 15" @ 18.7% SLOPE

GUTTER OUTLET (SPECIAL)

INV. ELEV. = 604.0

MATCH LINE STA. 61+00

SCALE IN FEET: 10 0 2.5 5 7.5 10

(RIGHT SIDE)

	55+00	55+50	56+00	56+50	57+00	57+50	58+00	58+50	59+00	59+50	60+00	60+50	61+00
EXISTING ELEVATIONS	604.90	604.77	604.64	604.52	604.40	604.28	604.12	603.96	603.80	603.65	603.50	603.51	603.54
PROPOSED ELEVATIONS	605.32	605.14	604.99	604.84	604.68	604.53	604.38	604.25	604.12	604.01	603.91	603.82	603.78

	603.58	603.61	603.75	603.89	604.18	604.43	604.69	604.94	605.43	605.93	606.43	606.92	607.42	607.81	608.20	608.58	608.97	609.35
	603.79	603.85	603.95	604.11	604.32	604.58	604.89	605.25	605.66	606.12	606.58	607.04	607.50	607.96	608.40	608.80	609.15	609.45

PLOT DATE = 2/6/2009
FILE NAME = i:\2008\8879\dgn\plans\DR-10 55-61b.dgn
PLOT SCALE = 20.000 FT / IN.
USER NAME = IDOT

DR-10 55-61b.dgn 2/6/2009 8:44:36 AM

BROADWAY – DRAINAGE PLAN AND PROFILE – STA. 55+00 TO STA. 61+00 – SHEET 2 OF 2