CONTRACT NO. 89347

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6761	04-00057-06-WR	TAZEWELL	154	77
STA. 37+00	TO STA. 43+00			
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

JANICE LARRY

STA. 38+00.0, 40.0' LT.
INLETS, TYPE B, TYPE 8 GRATE
RIM ELEV. = 620.76
W. INV. ELEV. = 617.5
E. INV. ELEV. = 617.4
CONNECT EXISTING 4" PVC TO PROPOSED INLET. INCLUDED IN COST OF INLET.

200 FT., PIPE CULVERTS, CLASS D, TYPE 1 18" @ 1.25% SLOPE (SEE PREVIOUS SHEET FOR ADDITIONAL INFORMATION)

DONALD LARRY

STA. 39+00.0, 54.5' LT.
END SECTIONS 15"
INV. ELEV. = 617.50

12 FT., PIPE CULVERTS, CLASS D, TYPE 1 15" @ 2.50% SLOPE

95 FT., PIPE CULVERTS, CLASS D, TYPE 1 18" @ 1.35% SLOPE

DONALD LARRY

STA. 39+00.0, 40.0' LT.
MANHOLES, TYPE A, 4' DIA., TYPE 1 FRAME, CLOSED LID
RIM ELEV. = 620.70
N. INV. ELEV. = 617.20
W. INV. ELEV. = 616.05
E. INV. ELEV. = 615.00

80 FT., PIPE CULVERTS, CLASS D, TYPE 1 18" @ 3.75% SLOPE

STA. 39+79.7, 59.0' LT.
END SECTIONS 18"
INV. ELEV. = 612.00

STONE DUMPED RIPRAP, CLASS B3
8'W X 32'L

STA. 39+97.8, 56.5' LT.
END SECTIONS 30"
INV. ELEV. = 610.47

GREGORY LADENDORF

80 FT., PIPE CULVERTS, CLASS A, TYPE 1 15" @ 0.5% SLOPE

STA. 41+41.3, 40.7' LT.
END SECTIONS 15"
INV. ELEV. = 617.09

PIN OAK DR.

DAVID HOOVER

STA. 42+21.0, 30.7' LT.
INLETS, TY C-1, SPECIAL
CONTROL POINT ELEV. = 621.75
W. INV. ELEV. = 617.49
E. INV. ELEV. = 617.49

STA. 42+50.0, 42.0' LT.
END SECTIONS 15"
INV. ELEV. = 621.0

29 FT., PIPE CULVERTS, CLASS D, TYPE 1 15" @ 12.1% SLOPE

MATCH LINE STA. 37+00

MATCH LINE STA. 43+00

BROADWAY

PROPOSED ROW

EXISTING ROW

PC Sta 39+17.05

PT Sta 41+72.90

STA. 39+97.6, 22.2' RT.
INV. ELEV. = 611.59
(MATCH EXISTING)
CONCRETE COLLAR

STA. 39+97.5, 54.0' RT.
END SECTIONS 30"
INV. ELEV. = 612.05

32 FT., PIPE CULVERTS, CLASS D, TYPE 1 30" @ 1.425% SLOPE

STA. 41+53.5, 41.0' RT.
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"
INV. ELEV. = 616.91

STA. 42+23.0, 35.0' RT.
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"
INV. ELEV. = 619.12

70 FT., PIPE CULVERTS, CLASS A, TYPE 1 18" @ 3.16% SLOPE

22' WIDE

STONE DUMPED RIPRAP CLASS B3 WITH FILTER FABRIC (TO BE PLACED UPON COMPLETION OF DITCH CUT)

AGGREGATE DITCH (6' WIDE) RT. STA. 38+00 TO STA. 39+90 (TO BE PLACED UPON COMPLETION OF DITCH CUT)

AGGREGATE DITCH (6' WIDE) RT. STA. 40+10 TO STA. 41+50 (TO BE PLACED UPON COMPLETION OF DITCH CUT)

RT. STA. 39+97.5
FABRIC FORMED CONCRETE REVETMENT MAT
20' X 15'

ATKINS GROUP

ATKINS GROUP

SCALE IN FEET 10 0 20 50

PROFILE

EXISTING ELEVATIONS
PROPOSED ELEVATIONS

37+00	37+50	38+00	38+50	39+00	39+50	40+00	40+50	41+00	41+50	42+00	42+50	43+00
623.29 / 623.51	623.06 / 623.35	622.84 / 623.19	622.62 / 623.03	622.39 / 622.87	622.18 / 622.71	622.03 / 622.55	621.88 / 622.40	621.73 / 622.24	621.59 / 622.08	621.44 / 621.93	621.32 / 621.80	621.19 / 621.69	621.07 / 621.61	620.98 / 621.56	620.94 / 621.53	620.98 / 621.52	621.03 / 621.54	621.07 / 621.59	621.12 / 621.66	621.18 / 621.76	621.37 / 621.88	621.57 / 622.02	621.76 / 622.20	621.96 / 622.39	622.16 / 622.61	622.40 / 622.85	622.63 / 623.08	622.85 / 623.31	623.07 / 623.54	623.38 / 623.77

MATCH LINE STA. 37+00

MATCH LINE STA. 43+00

200 FT., PIPE CULVERTS, CLASS D, TYPE 1 18" @ 1.25% SLOPE (SEE PREVIOUS SHEET FOR ADDITIONAL INFORMATION)

RT. 37+00.0 EL. 618.50

-0.30%

RIGHT DITCH PROFILE

STA. 38+00.0, 40.0' LT.
INLETS, TYPE B, TYPE 8 GRATE
RIM ELEV. = 620.76
W. INV. ELEV. = 617.5
E. INV. ELEV. = 617.4

RT. 38+00.0 EL. 618.20

PROPOSED P.G.L. PROFILE

95 FT., PIPE CULVERTS, CLASS D, TYPE 1 18" @ 1.35% SLOPE

-4.37%

STA. 39+00.0, 40.0' LT.
MANHOLES, TYPE A, 4' DIA., TYPE 1 FRAME, CLOSED LID
RIM ELEV. = 620.70
N. INV. ELEV. = 617.20
W. INV. ELEV. = 616.05
E. INV. ELEV. = 615.00

RT. 39+00.0 EL. 613.83

12 FT., PIPE CULVERTS, CLASS D, TYPE 1 15" @ 2.50% SLOPE

80 FT., PIPE CULVERTS, CLASS D, TYPE 1 18" @ 3.75% SLOPE

-4.37%

-1.76%

STA. 39+79.7, 59.0' LT.
END SECTIONS 18"
INV. ELEV. = 612.00

EX. 30" PVC

EXISTING ℄ PROFILE

RT. 40+00.0 EL. 612.07

LT. 40+10.0 EL. 612.00

-1.76%

+3.16%

RIGHT DITCH PROFILE

+3.9%

LEFT DITCH PROFILE

70 FT., PIPE CULVERTS, CLASS A, TYPE 1 18" @ 3.16% SLOPE

LEFT DITCH PROFILE

+3.9%

+3.16%

STA. 41+53.5, 41.0' RT.
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"
INV. ELEV. = 616.91

RIGHT DITCH PROFILE

STA. 41+41.3, 40.7' LT.
END SECTIONS 15"
INV. ELEV. = 617.09

80 FT., PIPE CULVERTS, CLASS A, TYPE 1 15" @ 0.5% SLOPE

STA. 42+23.0, 35.0' RT.
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"
INV. ELEV. = 619.11

LEFT DITCH PROFILE

STA. 42+50.0, 42.0' LT.
END SECTIONS 15"
INV. ELEV. = 621.0

+2.00%

+3.16%

RIGHT DITCH PROFILE

29 FT., PIPE CULVERTS, CLASS D, TYPE 1 15" @ 12.1% SLOPE

STA. 42+21.0, 30.7' LT.
INLETS, TY C-1, SPECIAL
CONTROL POINT ELEV. = 621.75
W. INV. ELEV. = 617.49
E. INV. ELEV. = 617.49

SCALE IN FEET 10 0 2.5 5 7.5 10

635 630 625 620 615 610 605 600 595

BROADWAY – DRAINAGE PLAN AND PROFILE – STA. 37+00 TO STA. 43+00

PLOT DATE = 2/8/2008
FILE NAME = i:\2005\05675\sdgn\plans\DR-07 37-43.dgn
PLOT SCALE = 20.000 FT / IN.
USER NAME = IDOT

DR-07 37-43.dgn 2/8/2008 9:44:25 AM