F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	55-2	McDONOUGH	1025	241
STA. 25+00	TO STA. 38+50			
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

PERMANENT EROSION CONTROL LEGEND

AGGREGATE DITCH (TO BE PLACED UPON COMPLETION OF DITCH CUT)

40 FT., PIPE CULVERTS, CLASS D, TYPE 1 18" @ 4.50% SLOPE
WITH END SECTIONS 18"
N. INV. ELEV. = 665.30 (STA. 27+20, 28.8' LT.)
S. INV. ELEV. = 663.50 (STA. 26+80, 28.7' LT.)

HELEN HVARVEN

STILLING BASIN
SEE DETAIL SHEET

PROPOSED T.E.

PROPOSED R.O.W./A.C.

PROPOSED R.O.W.

END A.C.

EXISTING R.O.W.

PROPOSED ℄ TWP. RD. 150

LT. STA. 27+00
F.E. 30'

PROPOSED R.O.W./A.C.

CONSTRUCTION LIMITS

PCC STA. 322+47.43

HELEN HVARVEN

STA. 324+52.20 IL. ROUTE 336 =
STA. 30+00.00 CO. HWY. 8 (RELOCATED)
(TWP. RD. 150 ENDS)

PROPOSED ℄ CO. HWY. 8 (RELOCATED)

PROPOSED R.O.W./A.C.

END A.C.

PROPOSED R.O.W.

PROPOSED R.O.W.

PROPOSED R.O.W./A.C.

CONSTRUCTION LIMITS

RT. STA. 19+50
F.E. 30'

POT STA. 19+00.00

HAROLD D. CARSON

PIPE CULVERTS, 24"
SEE TWP. RD. 900N (WEST)
DRAINAGE PLAN AND PROFILE
FOR MORE INFORMATION

100' UTILITY EASEMENT

STA. 37+50.00

PROPOSED T.E.

CONST. LIMITS

EXISTING R.O.W.

POT STA. 24+63.60

POT STA. 32+41.71

POT STA. 33+58.29

POT STA. 35+85.68

POT STA. 37+26.51

POT STA. 39+56.19

25+00 26+00 27+00 28+00 29+00 30+00 31+00 32+00 33+00 34+00 35+00 36+00 37+00 38+00 39+00

179°33'55"

TWP. RD. 150 (60OE)

CO. HWY. 8 (RELOCATED)

TWP. RD. 150 (60OE)

CO. HWY. 8 (60OE)

EXISTING R.O.W.

EXISTING R.O.W.

MATCH EXISTING DITCH
WIDTH AND GRADE
STA. 25+25

STA. 25+75.00

10'-6"
MIN. C-C

SEE GRADING DETAIL SHEET

PROPOSED R.O.W.

END A.C.

GABIONS
3'X3'X18' (2)
SEE DETAIL SHEET

PROPOSED R.O.W./A.C.

CONSTRUCTION LIMITS

IL ROUTE 336

STA. 26+43.41, SKEW 41° 19' RIGHT FORWARD
66 FT., PIPE CULVERTS, CLASS A,
TYPE 1 54" (2) @ 0.17% SLOPE
WITH PRC FLARED END SECTIONS 54" (4)
E. INV. ELEV. = 660.55 (STA. 26+68, 29.0' RT.)
W. INV. ELEV. = 660.44 (STA. 26+24, 20.5' LT.)

CHARLES AND JANICE BUTTERFIELD, CO-TRUSTEES

PROPOSED R.O.W./A.C.

END A.C.

STA. 34+65.12 CO. HWY. 8 (RELOCATED) =
STA. 21+00.11 TWP. RD. 900N

PROPOSED ℄ IL. ROUTE 336

PROPOSED R.O.W.

CONSTRUCTION LIMITS

RT. STA. 23+00
F.E. 30'

CHARLES AND JANICE BUTTERFIELD, CO-TRUSTEES

PROPOSED ℄ TWP. RD. 900N

EXISTING R.O.W.

EXISTING R.O.W.

CHAMP AND PAULINE WAYLAND

℄ STA. 35+50.00
43 FT., PIPE CULVERTS,
CLASS A, TYPE 1 24" (2) @ 0.84% SLOPE
WITH PRC FLARED END SECTIONS 24" (4)
E. INV. ELEV. = 674.65 (STA. 35+50, 20.0' RT.)
W. INV. ELEV. = 674.29 (STA. 35+50, 23.0' LT.)

PROPOSED R.O.W.

MATCH EXISTING DITCH
WIDTH AND GRADE
STA. 38+00

N

25 0 50 100
SCALE IN FEET
HORIZONTAL

PROFILE

EXISTING ELEVATIONS
PROPOSED ELEVATIONS

664.61 664.76 664.88 665.07 665.37 665.37 665.74 665.85 666.21 666.46 666.69 667.18 667.20 668.02 667.71 668.57 668.22 670.05 668.73 671.24 669.21 672.40 669.69 673.45 670.22 674.37 670.43 675.18 671.45 675.86 672.20 676.42 672.96 676.92 673.63 677.42 674.33 677.44 675.04 677.44 675.74 677.44 676.24 677.42 676.70 677.06 677.11 676.81 677.34 676.61 677.57 676.52 677.77 676.54 677.82 676.67 677.88 676.90 677.88 677.23 677.64 677.54 677.40 677.76 677.34 677.89 677.27 677.96 677.27 678.03 677.31 678.10 677.58 678.17 677.97 678.24 678.20 678.31 678.30 678.38 678.39 678.45 678.50 678.52 678.75 678.59 678.98 678.66 678.97 678.73 678.91 678.80 678.83 678.87 678.94 678.94 679.05 679.01 679.12 679.08 679.19 679.28 679.46 679.67 679.89 680.05 680.16 680.27

700 690 680 670 660 650 640 630

25+00 26+00 27+00 28+00 29+00 30+00 31+00 32+00 33+00 34+00 35+00 36+00 37+00 38+00 39+00

VPI 25+25.00 LT.
EL. 663.81±
MATCH EXISTING

VPI 25+25.00 RT.
EL. 663.46±
MATCH EXISTING

DITCH PROFILE RIGHT

DITCH PROFILE LEFT

VPI 26+50.00 RT.
EL. 665.27

VPI 26+12.00 LT.
EL. 660.44

VPI 26+75.00 RT.
EL. 660.55

VPI 29+00.00 LT.
EL. 673.40

VPI 29+00.00 RT.
EL. 661.25

IL. ROUTE 336
STA. 30+00.00

VPI 30+80.00 LT.
EL. 671.28

VPI 31+25.00 RT.
EL. 671.00

PROPOSED ℄ PROFILE

TWP. RD. 900N
STA. 34+65.12

VPI 34+00.00 RT.
EL. 674.53

VPI 35+00.00 RT.
EL. 675.03

VPI 35+50.00 RT.
EL. 674.65

VPI 35+50.00 LT.
EL. 674.29

VPI 38+00.00 RT.
EL. 677.78±
MATCH EXISTING

VPI 38+00.00 LT.
EL. 677.54±
MATCH EXISTING

EXISTING ℄ PROFILE

+4.50%

+1.45%

-3.87%

+0.31%

+0.31%

+0.64%

+1.28%

+1.28%

+0.64%

-0.76%

+1.25%

+1.30%

+1.25%

+1.30%

PIPE CULVERTS, 54" (2)

DITCH PROFILE RIGHT

DITCH PROFILE RIGHT

PIPE CULVERTS, 24" (2)

DITCH PROFILE LEFT

DITCH PROFILE RIGHT

20 10 0 5
SCALE IN FEET
VERTICAL

DRAINAGE PLAN AND PROFILE – CO. HWY. 8 (RELOCATED)/TWP. RD. 150 – STA. 25+00 TO STA. 38+50

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