DAVID R. NICHOLS
W½, NW¼, SEC 4, T. 8 N., R. 4 E., 4TH P.M.

JAMES R. BLACK
SE¼, NW¼, SEC 4, T. 8 N., R. 4 E., 4TH P.M.

EUGENE F. ATEN
NW¼, SW¼, SEC 4, T. 8 N., R. 4 E., 4TH P.M.

EARL WELKER & ELDON WELKER
NE¼, SW¼, SEC 4, T. 8 N., R. 4 E., 4TH P.M.

N

0 50' 100'
GRAPHIC SCALE

P.O.T. 0.02' RT. STA. 567+99.99
P.K. NAIL (FLUSH)
N. 4,999.977
E. 5,465.073

P.O.T. STA. 564+00.00
N. 5,000.012
E. 5,065.085

P.O.T. 0.03' RT. STA. 570+00.01
P.K. NAIL (FLUSH)
N. 4,999.966
E. 5,665.094

P.O.T. 0.09' LT. STA. 572.99.96
P.K. NAIL (FLUSH)
N. 5,000.074
E. 5,965.041

P.O.T. 0.05' LT. STA. 574+99.99
P.K. NAIL (FLUSH)
N. 5,000.032
E. 6,165.078

P.O.T. STA. 578+99.99
N. 4,999.966
E. 6,565.071

LT. STA. 569+54
PIPE CULVERTS, CLASS D, TYPE 1, 15"
W/ END SECTIONS
34' LONG
PIPE CULVERT REMOVAL = 34 FT.

STATION 571+32.50
SINGLE SPAN BULB T GIRDER BRIDGE WITH
POURED DECK ON INTEGRAL PILE BENT ABUTMENTS
101'-6" BK-BK; 32'-0" FC.-FC.; SKEW = 0°
STRUC. No. 029-0066

LT. STA. 571+97.25
TYPE C, INLET BOX
STD. 609006 = 1 EACH
PIPE DRAINS, 12" = 36 FOOT
12" END SECTION = 1 EACH
CONCRETE THRUST BLOCK = 1 EACH

RT. STA. 571+97.25
TYPE C, INLET BOX
STD. 609006 = 1 EACH
PIPE DRAINS, 12" = 36 FOOT
12" END SECTION = 1 EACH
CONCRETE THRUST BLOCK = 1 EACH

54 P.E.
PROPOSED 4" FLEXIBLE DUCT
CONSTRUCTION LIMITS
℄ PROPOSED IMPROVEMENT
85' R.O.W.
90' EXISTING
60' R.O.W.
80' EXISTING
565+00
570+00
575+00
CREEK
LITTLERS
CONSTRUCTION LIMITS

IMPROVEMENT BEGINS
STATION 567+05.00
N. 5,000.0887
E. 5,370.0850

IMPROVEMENT ENDS
STATION 574+50.00
N. 5,000.0122
E. 6,115.0850

EXISTING CONCRETE GUTTER & GUTTER OUTLET
RT. & LT. STA. 567+05 TO STA. 574+66
TO BE REMOVED

LEGEND
① TRAFFIC BARRIER TERMINAL, TYPE 6
② STEEL PLATE BEAM GUARDRAIL, TYPE A
③ TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)
④ STONE RIPRAP DITCH
EXISTING PAVED DITCH

CHANNEL EXCAVATION
THE CHANNEL SHALL BE EXCAVATED AS SHOWN IN THE PLANS WITH 2:1 SIDE SLOPES AT RIGHT ANGLES TO THE CHANNEL WITHIN THE LIMITS OF THE PROPOSED STRUCTURE, THEN TRANSITIONED TO MEET THE CHANNEL AT THE EXISTING R.O.W. LINE UPSTREAM & DOWNSTREAM.
ESTIMATED CHANNEL EXCAVATION = 2,210 CU. YD.

ENTRANCES TO BE BUILT
LT. STA. 569+54 P.E. -8.85% AGGR. 20' SURF.
QUANTITIES INCLUDED IN EARTHWORK TABLE

EXISTING STRUCTURE NO. 029-0016
STATION 571+32.50 SINGLE SPAN, REINFORCED CONCRETE T GIRDER BRIDGE ON CLOSED CONCRETE ABUTMENTS. PAVEMENT CONSTRUCTED ON 3'-9" FILL OVER STRUCTURE.
55'-3½" BK.-BK. ABUTS; 50'-0" o.-o. DECK

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
R.M. NOTED
RT. OF W'AY UNCHECKED
NOTE BOOK
NO.
ROAD FILE NAME
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R.M. NOTED
STRUCTURE NO'S/ CHKD
NOTE BOOK
NO.
BY
DATE

EXISTING ELEVATION
PROPOSED ELEVATION

710 700 690 680 670 660 650 640 630

STA. 567+05
STA. 567+35
STA. 567+65
STA. 570+45.75
ELEV. 656.49
STA. 572+19.25
ELEV. 657.95
STA. 573+96
STA. 574+20
STA. 574+50

H.M.A. SURF. REMOVAL
BUTT JOINT
PROP. PAVEMENT
TRANSITION
3" RESURFACING
NEW CONSTRUCTION
3" RESURFACING
3" OVERLAY
15 YEAR H.W. ELEV. 648.3
PROPOSED ℄ GRADE
EXISTING ℄ GRADE
STA. 570+18
664.18 LT.
STA. 570+00
660.75 RT.
657.50 LT.
SP. DITCH LT.
SP. DITCH RT.
CHANNEL EXCAVATION
646.25 LT.
640.50 RT.
639.70 RT.
℄ ELEV. 638.90
20.88%
22.30%
22.31%
4.00%
6.21%
+0.00%
STONE RIPRAP, CLASS A4
V.P.I. STA. 572+75.00
ELEV. 652.63
400' v.c.
K = 64
H.M.A. SURF. REMOVAL
VARIABLE DEPTH
H.M.A. SURF. REMOVAL
BUTT JOINT
PROP. PAVEMENT
TRANSITION
3" OVERLAY

687.43 684.49 681.55 678.52 675.48 672.41 669.34 666.32 663.35 663.55 660.67 660.83 658.25 658.50 656.54 654.83 653.86 652.89 652.62 652.36 652.31 652.26 652.28

567+00 568+00 569+00 570+00 571+00 572+00 573+00 574+00 575+00 576+00 577+00

FILE NAME = 37003-sht-ppl.dgn	USER NAME =	DESIGNED - L.F.S.	REVISED -
		DRAWN - T.W.K.	REVISED -
	PLOT SCALE =	CHECKED - J.W.F.	REVISED -
	PLOT DATE = 9/9/2008	DATE - 07/31/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS

SCALE: | SHEET NO. OF SHEETS | STA. 567+00.00 TO STA. 577+00.00

IL 116
PLAN & PROFILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
665	(144-B) BR	FULTON	67	10
		CONTRACT NO. 68091		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		