CONTRACT 97343

REVISIONS

SMS ENGINEERS
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PIERCE LANE IMP. (PHASE 3 AND 4)-GODFREY, ILLINOIS
FAU ROUTE 8985
05-00001-03-PV (PHASE 3) / 06-00001-04-BR (PHASE 4)
PLAN AND PROFILE - PAVING PLAN

MAURICE W. AND LA VERNE W. ESTES
PPN: 24-1-01-27-00-000-007

GODFREY FAIRWAYS INC.
PPN: 24-1-01-28-00-000-007

McNICHOLAS CLUB
PPN: 24-1-01-27-00-000-006.002

SCALE IN FEET: 20 0 20 40

MATCH LINE P.T. STA 82+81.26 (END PHASE 3 / BEGIN PHASE 4)

MATCH LINE P.T. STA 87+91.86

PIERCE LANE

STA. 83+49.01 103.92 LT.
STA. 83+50 107.56 LT.
STA. 83+78.49 86.90 LT.
STA. 83+90.44 80.00 LT.
STA. 84+39.40 80.00 LT.
TREE REMOVAL 0.05 ACRES
STA. 84+89.69 77.36 LT.
STA. 85+50 END PAVEMENT REMOVAL
STA. 83+41.70 108.14 LT.
PROPOSED P.O.E.
PROPOSED T.C.E.
PROPOSED R.O.E.
PROPOSED T.C.E. 2
STA. 84+16.42 62.00 LT.
540 S.Y. PAVEMENT REMOVAL
100 FT. – GUARDRAIL REMOVAL
STA. 83+25.45 80.00 LT.
STA. 83+16.79 65.00 LT.
STA. 83+00 BEGIN PAVEMENT REMOVAL
EXISTING R.O.W.
T.B. REL. (BY OTHERS)
T.B.R. (INCIDENTAL)
T.B. REL.
T.L.S. REMOVAL OF EXISTING STRUCTURE
P.C.C. SIDEWALK, 4"
P.C.C. PAVEMENT, 8"
COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
CONSTRUCTION LIMITS
PROPOSED R.O.W.
220 FT. – FENCE REMOVAL
244 FT. – STEEL PLATE BEAM GUARDRAIL, TYPE A
℄ BRIDGE STA. 83+37
M.H. T.B. RECONSTRUCTED
EXIST. TOP ELEV.=531.0±
PROPOSED TOP ELEV.=542.54
STA. 83+77.41 30.00 RT.
STA. 84+00 64.10 RT.
STA. 84+58.94 60.00 RT.
STA. 84+50 60.97 RT.
STA. 84+92.19 60.00 RT.
STA. 83+60.65 59.04 RT.
STA. 83+88 57.22 RT.
TREE REMOVAL 0.12 ACRES
100 FT. – FENCE REMOVAL
STA. 83+30.30 111.60 RT.
STA. 86+90 43.16 LT.
STA. 86+75 42.55 LT.
STA. 86+25.70 44.93 LT.
STA. 86+50 43.99 LT.
STA. 87+00 42.88 LT.
STA. 87+25 40.09 LT.
STA. 87+27.75 39.90 LT.
STA. 87+27.75 50.00 LT.
STA. 87+27.75 30.00 LT.
STA. 87+91.86 50.00 LT.
TREE REMOVAL 0.05 ACRES
STA. 87+07.19 60.00 RT.
STA. 87+25 69.11 RT.
STA. 87+80.18 60.00 RT.
STA. 87+50 67.33 RT.
STA. 87+66.86 63.44 RT.
STA. 87+75 61.34 RT.
STA. 87+91.86 60.00 RT.

℄ CURVE No.4 DATA
P.C. STA. 84+92.19
P.I. STA. 86+48.56, 27.85 FT. LT.
P.T. STA. 87+91.86
Δ= 40°24'00"
R = 425.00 FT.
T = 156.37 FT.
L = 299.67 FT.
E = 27.85 FT.
S.E. = 0.038 FT./FT.

SUPERELEVATION DATA
SUPERELEVATION RATE, E=0.038 FT./FT.
TRANSITION LENGTH=114 FT.
TRANSITION IN:
BEGIN STA. 84+03.19
RUNOUT=39 FT. (STA. 84+42.19)
RUNOFF=75 FT.
END STA. 85+17.19
TRANSITION OUT:
BEGIN STA. 87+66.86
RUNOFF=75 FT. (STA. 88+41.86)
RUNOUT=39 FT.
END STA. 88+80.86

MATCH LINE P.T. STA 82+81.26 (END PHASE 3 / BEGIN PHASE 4)

MATCH LINE P.T. STA 87+91.86

PROPOSED ℄ PROFILE
EXISTING PROFILE
-1.00%
1.00%
LOW POINT ELEV = 540.70
LOW POINT STA = 85+35.24
PVI STA = 85+35.24
PVI ELEV = 540.40
A.D. = 2.00
K = 60.01
120.00' VC
PVI STA = 87+50.48
PVI ELEV = 542.55
A.D. = 2.00
K = 45.02
90.00' VC
BVCS: 84+75.24 BVCE: 541.00
EVCS: 85+95.24 EVCE: 541.00
BVCS: 87+05.48 BVCE: 542.10

(539.4) 542.75
(538.4) 542.25
(538.8) 541.75
(537.4) 541.25
(537.5) 540.80
(537.2) 540.71
(537.9) 540.72
(537.0) 540.83
(536.2) 541.05
(536.3) 541.55
(536.8) 542.05
(537.4) 542.34
(538.0) 542.77
(538.7) 543.33

565 560 555 550 545 540 535 530 525

83+00 83+50 84+00 84+50 85+00 85+50 86+00 86+50 87+00 87+50

DWG. NO.	PRC PH3 ROAD PP.DWG
REF. BK.	PG.
JOB NO.	436613
DSN. BY:	SJW/DOT
DWN. BY:	BCS
CHK. BY:	SJW
DATE:	FEBRUARY, 2008
SCALE:	HORIZ. 1"=20' VERT. 1"=5'
SHEET	8 OF 61