F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3751	*	WILL	61	12
STA. 50+00.00		TO STA. 63+24.80		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 99-00030-00-PV 83803

PLAN — SURVEYED / DRAWN / ALIGNMENT CHECKED / GRADES CHECKED / M.E. APPROVED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / DRAWN / GRADES CHECKED / M.E. APPROVED / NOTE BOOK / NO. / BY / DATE / STRUCTURE NOTATIONS CHKD

MATCHLINE STA. 299+00 SEE SHEET NO. 13

17' GAS MAIN EASEMENT
25' PUBLIC UTILITY/ACCESS EASEMENT
20' WATERMAIN EASEMENT
S.S. REMOVAL, 18", 15 LF
S.S. REMOVAL, 12", 289 LF
S.S. REMOVAL, 12", 43 LF
S.S. REMOVAL, 12", 100 LF
S.S. REMOVAL, 12", 73 LF
℄ US ROUTE 30
PROPOSED R.O.W.
STA. 63+24.80 PFEIFFER ROAD
STA. 300+00.00 US ROUTE 30
FIRE HYDRANT TO BE MOVED
BIT. BIKE PATH
EXISTING R.O.W.
PROPOSED R.O.W.
EXISTING R.O.W.
MATCHLINE STA. 301+00 SEE SHEET NO. 13

MATCHLINE - STA 50+00 SEE SHEET NO. 11

PIPE CULVERT REMOVAL, 23 LF
EXISTING R.O.W.
FIRE HYDRANT TO BE MOVED
PFEIFFER ROAD
FIRE HYDRANT TO BE MOVED
FIRE HYDRANT TO BE MOVED
PROPOSED R.O.W.
EXISTING R.O.W.
EXISTING R.O.W.
℄ PFEIFFER ROAD
PIPE CULVERT REMOVAL, 78 LF
PIPE CULVERT REMOVAL, 80 LF
WINDY HILL DRIVE

B 1 — CB - TY A, 4' DIA. TYPE 23, F & G 51+50, 18.00' LT RIM. 732.67 INV. (W) 728.00
B 2 — MH - TY A, 4' DIA. TYPE 1F, CL 51+50, 27.00' LT RIM. 731.97 INV. (N) 726.87 INV. (S) 726.87 INV. (E) 727.60
B 3 — CB - TY A, 4' DIA. TYPE 23, F & G 53+00, 18.00' LT RIM. 729.68 INV. (W) 724.28
B 4 — MH - TY A, 4' DIA. TYPE 1F, CL 53+00, 27.00' LT RIM. 728.10 INV. (N) 723.12 INV. (S) 723.12 INV. (E) 723.92
B 5 — CB - TY A, 4' DIA. TYPE 23, F & G 54+10, 18.00' LT RIM. 728.09 INV. (W) 723.09
B 6 — MH - TY A, 4' DIA. TYPE 1F, CL 54+10, 27.00' LT RIM. 727.16 INV. (N) 721.69 INV. (S) 721.69 INV. (E) 722.99 INV. (W) 721.69
B 7 — CB - TY A, 4' DIA. TYPE 23, F & G 56+00, 18.00' LT RIM. 725.34 INV. (W) 719.80
B 8 — MH - TY A, 4' DIA. TYPE 1F, CL 56+00, 27.00' LT RIM. 723.80 INV. (N) 719.22 INV. (S) 719.22 INV. (E) 719.63
B 9 — CB - TY A, 4' DIA. TYPE 23, F & G 57+40, 18.00' LT RIM. 723.31 INV. (W) 718.00
B 10 — MH - TY A, 4' DIA. TYPE 1F, CL 57+40, 27.00' LT RIM. 721.52 INV. (N) 717.82 INV. (S) 717.82 INV. (E) 717.82
B 11 — CB - TY A, 4' DIA. TYPE 23, F & G 58+50, 18.00' LT RIM. 722.16 INV. (W) 716.90
B 12 — MH - TY A, 4' DIA. TYPE 1F, CL 58+50, 27.00' LT RIM. 720.50 INV. (N) 716.72 INV. (S) 716.72 INV. (E) 716.72
B 13 — CB - TY A, 4' DIA. TYPE 23, F & G 59+40, 18.00' LT RIM. 721.66 INV. (W) 716.42
B 14 — MH - TY A, 4' DIA. TYPE 1F, CL 59+40, 27.00' LT RIM. 720.27 INV. (N) 716.23 INV. (S) 716.23 INV. (E) 716.23 INV. (W) 716.23
B 15 — CB - TY A, 4' DIA. TYPE 23, F & G 60+50, 18.00' LT RIM. 721.04 INV. (W) 715.80 INV. (E) 715.80
B 16 — CB - TY A, 4' DIA. TYPE B GRATE 59+35, 31.00' LT RIM. 720.25 INV. (NE) 716.35
B 17 — MH - TY A, 4' DIA. TYPE 1F, CL 60+50, 27.00' LT RIM. 721.41 INV. (N) 715.64 INV. (S) 715.64 INV. (E) 715.64
B 18 — CB - TY A, 4' DIA. TYPE 23, F & G 61+50, 18.00' LT RIM. 720.48 INV. (E) 715.62 INV. (W) 715.62
B 19 — MH - TY A, 4' DIA. TYPE 1F, CL 61+50, 26.00' LT RIM. 721.10 INV. (N) 715.10 INV. (S) 715.10 INV. (E) 715.50
B 20 — INL - TY A, 2' DIA. TYPE 23, F & G 60+50, 18.00' RT RIM. 721.04 INV. (W) 716.80
B 21 — INL - TY A, 2' DIA. TYPE 23, F & G 61+50, 18.00' RT RIM. 720.48 INV. (W) 715.98
B 22 — CB - TY A, 4' DIA. TYPE 23, F & G 62+29, 19.40' RT RIM. 720.10 INV. (W) 715.16
B 23 — CB - TY A, 4' DIA. TYPE 23, F & G 62+29, 22.60' LT RIM. 720.04 INV. (E) 714.74 INV. (W) 714.74 INV. (S) 714.74
B 24 — CB - TY A, 4' DIA. TYPE B GRATE 62+60, 47.00' LT RIM. 719.96 INV. (SE) 715.37
B 25 — MH - TY A, 4' DIA. TYPE 1F, CL 62+29, 30.00' LT RIM. 720.94 INV. (N) 714.67 INV. (S) 714.67 INV. (E) 714.67 INV. (NW) 714.67
B 26 — MH - TY A, 4' DIA. TYPE 1F, CL 63+00, 26.00' LT RIM. 720.93 INV. (S) 714.29 INV. (E) 714.29 INV. (W) 714.29
B 27 — CB - TY A, 4' DIA. TYPE 23, F & G 51+50, 19.30' RT RIM. 732.65 INV. (E) 728.48
B 28 — CB - TY A, 4' DIA. TYPE B GRATE 51+50, 45.00' RT RIM. 730.82 INV. (W) 728.42
B 29 — MH - TY A, 4' DIA. TYPE 1F, CL 51+50, 37.30' RT RIM. 734.26 INV. (N) 728.38 INV. (S) 728.38 INV. (E) 728.38 INV. (W) 728.38
B 30 — CB - TY A, 4' DIA. TYPE 23, F & G 58+50, 18.00' RT RIM. 722.16 INV. (E) 718.92
B 31 — MH - TY A, 4' DIA. TYPE 1F, CL 58+50, 36.00' RT RIM. 722.76 INV. (N) 718.83 INV. (S) 718.83 INV. (W) 718.83
B 32 — CB - TY A, 4' DIA. TYPE 23, F & G 53+00, 18.00' RT RIM. 729.68 INV. (E) 724.68
B 33 — MH - TY A, 4' DIA. TYPE 1F, CL 53+00, 36.00' RT RIM. 730.29 INV. (N) 724.33 INV. (S) 724.33 INV. (W) 724.33
B 34 — CB - TY A, 4' DIA. TYPE 23, F & G 54+10, 18.00' RT RIM. 728.09 INV. (E) 723.41
B 35 — MH - TY A, 4' DIA. TYPE 1F, CL 54+10, 36.00' RT RIM. 728.84 INV. (N) 723.23 INV. (S) 723.23 INV. (W) 723.23
B 36 — CB - TY A, 4' DIA. TYPE 23, F & G 56+00, 18.00' RT RIM. 725.34 INV. (E) 721.42
B 37 — CB - TY A, 4' DIA. TYPE 23, F & G 56+00, 36.00' RT RIM. 725.94 INV. (N) 721.33 INV. (S) 721.33 INV. (W) 721.33
B 38 — CB - TY A, 4' DIA. TYPE 23, F & G 57+40, 18.00' RT RIM. 723.31 INV. (E) 720.02
B 39 — MH - TY A, 4' DIA. TYPE 1F, CL 57+40, 36.00' RT RIM. 723.77 INV. (N) 719.93 INV. (S) 719.93 INV. (W) 719.93
B 40 — CB - TY A, 4' DIA. TYPE 23, F & G 59+40, 18.00' RT RIM. 721.66 INV. (E) 718.53
B 41 — MH - TY A, 4' DIA. TYPE 1F, CL 59+00, 36.00' RT RIM. 722.48 INV. (NW) 718.33 INV. (S) 718.33 INV. (E) 718.33
B 42 — PRCFES, 15" 59+00, 42.00 RT INV ELEV. 718.30
B 43 — INL - TY A, 2' DIA. TYPE 23, F & G 62+19, 21.40' LT RIM. 720.07 INV. (N) 714.84
B 44 — INL - TY A, 2' DIA. TYPE 23, F & G 62+19, 18.00' RT RIM. 720.14 INV. (N) 715.26
B 45 — CB - TY A, 4' DIA. TYPE 8 GRATE 54+00, 30.00' LT RIM. 727.20 INV. 721.79
B 45 — CB - TY A, 4' DIA. TYPE 8 GRATE 299+17, 39.00' RT RIM. 719.20 INV. (NW) 716.24

EXISTING UTILITIES AND REMOVALS - PFEIFFER ROAD

NOTE:
SEE SHEET NUMBER 15 FOR SCHEDULE OF PIPE UNDERDRAIN 4" AND PIPE UNDERDRAIN 4" (SPECIAL).

SCALE: H: 1"=50' V: 1"=5'

MATCHLINE STA. 299+00 SEE SHEET NO. 13

MATCHLINE - STA 50+00 SEE SHEET NO. 11

150'-12" SST2
PIPE UNDERDRAIN 4"
9'-12" SST2 3.2 CY TBF
9'-12" SST2 3.5 CY TBF
9'-12" SST2 3.3 CY TBF
110'-12" SST2
10'-12" SST2
190'-12" SST2 6.8 CY TBF
℄ PFEIFFER ROAD
EXISTING R.O.W.
140'-12" SST1
110'-15" SST1
90'-18" SST1
6'-12" SST1
110'-18" SST1
100'-18" SST2
35'-12" SST2
20'-12" SST1 1.5 CY TBF
89'-18" SST2 69.6 CY TBF
PROPOSED ROW
71'-18" SST2 31.7 CY TBF
7'-12" SST2 5.4 CY TBF
10'-12" SST2 2.8 CY TBF
℄ US ROUTE 30
PIPE UNDERDRAIN 4"
126'-12" SST2 39.5 CY TBF
18'-12" SST2 7.5 CY TBF
150'-12" SST2 118.6 CY TBF
18'-12" SST2 13.0 CY TBF
18'-12" SST2 7.7 CY TBF
18'-12" SST1 6.0 CY TBF
140'-15" SST1 47.5 CY TBF
18'-12" SST1 4.7 CY TBF
18'-12" SST1 4.7 CY TBF
50'-15" SST1 15.9 CY TBF
9'-12" SST1 3.4 CY TBF
8'-12" SST2 5.8 CY TBF
36'-12" SST2 8.5 CY TBF
36'-12" SST2 8.2 CY TBF
8'-12" SST2 3.5 CY TBF
10'-12" SST2 2.5 CY TBF
42'-12" SST2 11.6 CY TBF
PFEIFFER ROAD
EXISTING R.O.W.
EXISTING R.O.W.
PROPOSED R.O.W.
EXISTING R.O.W.
PROPOSED R.O.W.
8'-12" SST1 2.6 CY TBF
110'-15" SST2 86.7 CY TBF
190'-15" SST2 84.0 CY TBF
110'-15" SST1 33.0 CY TBF
5'-15" SST1
44'-12" SST1 11.8 CY TBF
SEE SHEET NUMBER 15 FOR RIPRAP DETAILS
WINDY HILL DRIVE
MATCHLINE STA. 301+00 SEE SHEET NO. 13

PROPOSED DRAINAGE PLAN - PFEIFFER ROAD

EXISTING GRADE @ CENTERLINE
@ 2.7% SLOPE
PROPOSED 12" S.S
INV. EL. 728.38
@ 2.7% SLOPE
PROPOSED 12" S.S
INV. EL. 724.33
@ 1.0% SLOPE
PROPOSED 15" S.S
INV. EL. 723.23
PROPOSED P.G.L
@ 1.0% SLOPE
PROPOSED 15" S.S
INV. EL. 721.33
@ 1.0% SLOPE
PROPOSED 15" S.S
INV. EL. 719.93
@ 1.0% SLOPE
PROPOSED 15" S.S
INV. EL. 718.83
@ 0% SLOPE
PROPOSED 15" S.S
INV. EL. 718.33

EX. P.G. ELEV. / PR. P.G. ELEV.

50+00	51+00	52+00	53+00	54+00	55+00	56+00	57+00	58+00	59+00	60+00	61+00	62+00	63+00	64+00
737.20 / 737.27	735.70 / 735.99	734.10 / 734.51	732.90 / 733.03	731.90 / 731.78	731.10 / 730.80	730.20 / 730.04	728.50 / 729.32	728.80 / 728.59	727.90 / 727.87	727.20 / 727.14	726.30 / 726.42	725.40 / 725.70	724.70 / 724.97	724.10 / 724.25	723.50 / 723.52	723.10 / 722.91	722.50 / 722.52	721.90 / 722.24	721.60 / 721.96	721.40 / 721.68	721.30 / 721.40	721.20 / 721.12	720.90 / 720.84	720.90 / 720.56	720.90 / 720.53	721.10 / 720.90	719.40	719.20	716.60

740 735 730 725 720 715

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DRAINAGE AND UTILITY - PFEIFFER ROAD
STA 50+00.00 TO STA. 63+24.80