July 22, 2003 7:51:10 a.m.
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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHTS.	SHEET NO.
120	00-00097-00-CH STATE SECTION	McHENRY	28	6
PLAN AND PROFILE STA. 43+00 TO STA. 48+00				
F.H.W.A. REG.5	ILLINOIS	PROJECT NO. F-0305(023)		

83725

LAKE ST.
℄ 43+13
105°45"
76°15"
99+00
PIERSON ST.
99+28 BUTT JOINT
APARTMENT BUILDINGS
A-1C 4' DIA.
46+53, 22.0' RT
FR 896.15
INV.N. 892.53
INV.S. 892.53
INV.W. 892.43±
TREE ROOT PRUNING
2 EACH
CURB INLET AS PER DETAIL SHOWN ON SHEET NO. 17
STATION EQUATION
STA. 46+54.68 McHENRY AVE. =
STA. 100+00.00 PIERSON ST.
BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
EXISTING R.O.W.
CONC. SIDEWALK
46+78.55
47.94' LT
TC 896.85
46+99.94
22.38' LT
TC 896.41
12" SS TY. 1
RCCP CL IV
14' @ 1.00%
TB 1.8 C.Y. 14'
20' R
PROPOSED PCC SIDEWALK, 5"
COMB. CONC. C&G TYPE B-6.12
EXISTING & PROPOSED ℄
MATCH LINE STA. 48+00 SHEET NO. 7
BUTT JOINT
BEGIN IMPROVEMENT STATION 43+40
44+55 22.58' RT
44+54.48 27.85' RT
44+54.43 34.85' RT
TEMPORARY CONSTRUCTION EASEMENT
PCC DRIVEWAY, 8"
44+89.2 BIT PE, 11'
45+05 26.38' RT TC 897.00
SIGN TO BE RELOCATED
45+64.9 CONC PE, 11'
A-SPL 4' DIA.
46+25, 26.38' RT
TC 896.59
INV 892.81
12" SS TY. 1
RCCP CL IV
28' @ 1.00%
TB 3.7 C.Y. 28'
12" SS TY. 1
RCCP CL IV
21' @ 1.00%
TB 2.8 C.Y. 21'
46+70.5 BIT PE, 16'
UTILITY POLE TO BE RELOCATED BY OTHERS
PROP. PCC SIDEWALK, 5"
PROP. R.O.W.
CONCRETE CURB TYPE B
47+41.5 BIT PE, 17'
48+00.0 BIT PE, 12'
A-11-SPL 4' DIA.
46+74, 26.38' RT
TC 896.51
INV N. 892.74
INV S. 892.74
A-SPL 4' DIA.
46+88, 26.38' RT
TC 896.52
INV. 892.88
BENCH MARK
NORTHWEST BOLT ON FIRE HYDRANT
AT 380 McHENRY AVENUE
ELEV. 898.53
SCALE: 1" = 20'

McHENRY AVENUE

VPI STA = 44+30
ELEV = 897.42
L = 180'
E = -0.17'
K = 240'
HIGH PT. STA. = 44+30
HIGH PT. ELEV. = 897.24
VPC 43+40 897.06
VPT 45+20 897.06
VPC 46+10 896.70
VPI STA = 47+00
ELEV = 896.34
L = 180'
E = 0.25'
K = 160'
LOW PT. STA. = 46+74.29
LOW PT. ELEV. = 896.57
VPT 47+90 897.00
+0.40%
-0.40%
0.72%
EXISTING ℄ PROFILE
PROPOSED ℄ PROFILE
892.54
6" WATER MAIN
12" STORM SEWER
889.69
890.14
889.34
887.01
886.98
15" SAN. SEWER
892.81
891.95
892.88
4" WATER MAIN
892.53
892.43
892.74
891.67
891.47
891.32
887.29
12" S.S.

| EXISTING ℄ ELEVATIONS | | | |