CONTRACT 97364

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6894	05-00073-01-PV	MADISON	68	24
STA. 80+50.00		TO STA. 86+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FEDERAL AID PROJECT		

SCALE IN FEET

NOTE

1. DISCONNECT HOUSE SERVICES FROM EXISTING MAIN AND CONNECT TO PROPOSED MAIN. TYPICAL AT EVERY HOUSE ALONG RELOCATION LENGTH.
2. RELOCATE EXISTING FIRE HYDRANTS AT STA 92+05 LT AND STA 100+57 LT AS SHOWN ON PLAN & PROFILE SHEETS 14 AND 16.

MATCHLINE STA 80+50

MATCHLINE STA 86+50

PR ℄ GERBER ROAD

PR ℄ RICHETTA DR

PC Sta 82+05.00

PRC Sta 84+26.29

PT Sta 86+47.08

PR CONST LIMITS

PR TEMP EASE

PR PERM EASE

EX ROW

PR ROW

GERBER ROAD

WEST LAKE DR

RICHETTA DR

EXISTING 8" TRANSITE WM TO BE REMOVED

589 FT PR 8" WATER MAIN

EX 8" FM TO BE REMOVED

PROP 6" GATE VALVE

PROP 8"x6" TEE

PROP 8" 45° BENDS

PROP 8"x6" TEE

PROP 6" GATE VALVE

RELOC EXIST FIRE HYDRANT

EX 8" WM TO BE REMOVED

82 FT PR 6" WATER MAIN

MAINTAIN MIN 18" VERTICAL SEPERATION

EX 6" WM

PR ℄ WEST LAKE DR

CUT AND CAP EX 6" WATER MAIN

PROP 6" LINESTOP

PROP 6" WATER MAIN

PROP 6" 90° BEND

PROP 6" TAPPING VALVE

PROP 6" TAPPING TEE

EX 6" WATER MAIN

EX 8" TRANSITE WM

PROP 8" LINESTOP

PROP 8" TAPPING TEE

CUT AND CAP EX 8" WM

PROP 8" TAPPING VALVE

PROP 8" 90° BEND

PROP 8" WATER MAIN

EX ℄ PROF

PR ℄ PROF

PROP 8" WM

MAINTAIN MIN 18" VERTICAL SEPERATION

+25.00 EL. 526.55

MAINTAIN MIN 42" COVER

CONNECT TO EXIST WM

+27.50 EL. 541.67

PROP WM TO BE A MIN OF 18" ABOVE FORCE MAIN AT CROSSING

VPI STA. 86+15.00 ELEVATION 546.05

+5.00%

+0.51%

SSD = 328'
ex = -0.98'
K = 39
175.00' V.C.

	80+50	81+00	81+50	82+00	82+50	83+00	83+50	84+00	84+50	85+00	85+50	86+00	86+50
EX	516.76	517.33	520.09	524.78	530.15	534.78	538.12	540.68	542.55	543.35	544.20	545.14	545.71
PR	521.93	522.41	523.56	525.38	527.80	530.30	532.80	535.30	537.80	540.30	542.74	544.63	545.87

555 550 545 540 535 530 525 520 515

WATER MAIN PLAN & PROFILE: GERBER ROAD - STA 80+50.00 TO STA 86+50.00

PLOT DATE = 12/8/2008
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PLOT SCALE = 20.000 '/ in.
USER NAME = Rusty Milkeiene