AVENUE A

MAIN STREET

℄ MAIN STREET

℄ LOCUST STREET

LOCUST STREET

EX 6" WM (TO REMAIN)

WATER MAIN LINE STOP 6"
STA. 14+59±, 4'± RT

CONNECT TO EXISTING
6" WATER MAIN
STA. 14+59±, 6'± RT

REMOVE 6"X4" CROSS
AND 6" WATER MAIN
FOR NEW CONNECTION
PLUG EXISTING 4" WATER
MAIN EACH SIDE

PROPOSED 8"X6" REDUCER
STA. 14+59.50, 21.00' RT

PROPOSED GATE VALVE AND BOX 8"-03
STA: 14+59.57, 27.04' LT
FINISHED GRADE: 648.30

PROPOSED WATER SERVICE CONNECTION
STA. 13+65.83, LT

PROPOSED CUT AND CAP
EXISTING 4" WATER MAIN

PROPOSED WATER SERVICE CONNECTION
STA. 10+86.80, LT

EX 6" WM

EX 4" WM (TO BE ABANDONED)

EX 4" WM
(TO BE ABANDONED)

EX 4" WM
(TO BE ABANDONED)

MATCHLINE STATION 15+60.00
SEE SHEET NO.46

10+00

15+00

12+05.13
33.93' RT

12+67.13
37.50' RT

13+59.87
39.15' RT

PROPOSED DUCTILE IRON MECHANICAL JOINT
FITTING, 8"X8"X6" TEE

PROPOSED FIRE HYDRANT WITH
AUXILIARY VALVE AND VALVE BOX-01
FH - STA: 10+55.00, 37.65' RT
FINISHED GRADE: 639.90
VB - STA: 10+55.00, 35.00' RT
FINISHED GRADE: 639.85

PROPOSED 8"
WATER MAIN

PROPOSED DUCTILE IRON MECHANICAL JOINT
FITTING, 8"X8"X6" TEE

PROPOSED FIRE HYDRANT WITH
AUXILIARY VALVE AND VALVE BOX-02
FH - STA: 13+73.86, 46.00' RT
FINISHED GRADE: 647.00
VB - STA: 13+73.53, 40.89' RT
FINISHED GRADE: 646.80

PROPOSED GATE VALVE AND BOX 8"-04
STA: 14+70.51, 32.86' RT
FINISHED GRADE: 647.85

PROPOSED DUCTILE IRON MECHANICAL
JOINT FITTING, 8"X8" CROSS

PROPOSED 8"X6" REDUCER
STA. 10+15.07, 32.28' RT

PROPOSED GATE VALVE AND BOX 8"-01
STA: 14+52.74, 33.15' RT
FINISHED GRADE: 648.40

PROPOSED GATE VALVE AND BOX 8"-02
STA: 14+59.68, 39.23' RT
FINISHED GRADE: 648.32

PROPOSED TAPPING VALVES AND SLEEVES 6"-01
TAP - STA. 10+07.63, 32.25' RT
VALVE - STA: 10+10.54, 32.28' RT
FINISHED GRADE: 638.73

PROPOSED WATER SERVICE CONNECTION
STA. 11+69.67, RT

CONNECT TO EXISTING
6" WATER MAIN
STA. 14+60±, 51'± RT

WATER MAIN LINE STOP 6"
STA. 14+60±, 53'± RT

EX 6" WM
(TO REMAIN)

PROPOSED 8"X6" REDUCER
STA. 14+59.70, 43.67' RT

N

0 50' 100'
H. SCALE: 1" = 20'

0 5' 10'
V. SCALE: 1" = 5'

LEGEND

W — PROPOSED WATER MAIN LINE

A — WATERMAIN CROSSING INFORMATION

NOTE: 5'-0" DEPTH OF
WATER MAIN (TYP.)

EXISTING GROUND ALONG PCL

PROPOSED PROFILE ALONG PCL

EX 6" WM
A
WM B/P=633.60
EX. ST T/P=629.50

PR 18" STORM

B
WM B/P=635.80
PR ST T/P=632.26

PR 12" STORM

STA. 11+20.0
T/EL. 636.10

C
PR ST B/P=638.77
WM T/P=637.27

PR 15" STORM

PROPOSED 8"
WATER MAIN

STA. 13+00.0
T/EL. 638.65

PR 12" STORM

D
PR ST B/P=639.30
WM T/P=637.80

PROPOSED 8" WATER MAIN

PR 12" STORM

6" GAS

E
PR ST B/P=642.10
WM T/P=640.60

F
WM B/P=642.20
EX COMB T/P=637.3±

EX 18" COMBINED SEWER

EX 6" WM

8" AT&T

EX 6" WM

G
EX WM B/P=642.7±
PR ST T/P=641.94

PR 12" STORM

PR 15" STORM

H
EX WM B/P=641.2±
PR ST T/P=639.71

WM B/P=642.25
PR ST T/P=639.85

STA. 15+21
T/EL. 642.40

650 645 640 635 630 625

10+00	10+50	11+00	11+50	12+00	12+50	13+00	13+50	14+00	14+50	15+00	15+50
638.92	639.19 / 639.24	639.57 / 639.55	639.97 / 639.90	640.40 / 640.30	640.85 / 640.75	641.30 / 641.22	641.80 / 641.69	642.26 / 642.16	642.69 / 642.63	643.08 / 643.10	644.02 / 643.57
644.40 / 644.04	644.83 / 644.51	645.27 / 644.98	645.68 / 645.43	645.73 / 645.84	646.17 / 646.21	646.59 / 646.54	646.88 / 646.83	647.10 / 647.08	647.32 / 647.29	647.47 / 647.46	647.59 / 647.59
647.71 / 647.68	647.84 / 647.75	647.91 / 647.82	647.98 / 647.89								

FILE NAME = P:\P-09\2193 - IDOT DUR\Task-04\DWG\SHT\2.D4-9400909-wmain01.dgn	USER NAME = _2193 Task 4.	DESIGNED AV	REVISED -
		DRAWN SV	REVISED -
	PLOT SCALE = 1:20	CHECKED RB	REVISED -
	PLOT DATE = 12/21/2010	DATE 12/21/2010	REVISED -

INFRASTRUCTURE ENGINEERING
456 Fulton Street | Suite 104 | Peoria, IL 61602
P 309.637.9200 | F 309.637.9230 | www.infrastructure-eng.com

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER MAIN PLAN AND PROFILE
LOCUST STREET-RECONSTRUCTION

SCALE: 1"=20'-00" | SHEET NO. 01 OF 02 SHEETS | STA. 10+00.00 TO STA. 15+60.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/22	(41Z, 135) R, N; (1CS) I	FULTON	125	45
		CONTRACT NO. 68877		
		ILLINOIS FED. AID PROJECT	D4-94-009-09	

PLAN — SURVEYED / PLOTTED / ALL UTILITIES AT CROSSINGS CHECKED / R.P. OF WAY CHECKED / ADD FILE NAME — NOTE BOOK NO. — BY — DATE

PROFILE — SURVEYED / PLOTTED / CROSSINGS CHECKED / B.M. NOTED / STRUCTURE NO'S & STNS. CKD — NOTE BOOK NO. — BY — DATE