

ULTIMATE SERVICE PLAN

SCALE 1"=1200'



IHWY 90/94/39

IHWY 94

AREA AA+BB+CC= 490.30 ACRES
DENSITY=8 people/acre
PEAK FACTOR=4
FLOW =2.42 cfs

AREA AA= 254 ACRES
FLOW =1.25 cfs

AREA CC= 111.05 ACRES
(FLOW = 0.55 cfs)

AREA BB= 114.6 ACRES
(FLOW =0.56 cfs)

AREA E=135.47 ACRES
DENSITY=8 people/acre
PEAK FACTOR=4
FLOW = 0.43 cfs

AREA D + E=761.4 ACRES
DENSITY=8 people/acre
PEAK FACTOR=4
FLOW = 3.75 cfs

FUTURE 8" SAN
ACROSS IHWY 94

FUTURE 21" SAN
ACROSS IHWY 94
Qcap 21" @ 0.25% = 5.30CFS

AREA A=104 ACRES
DENSITY=8.6 people/acre
PEAK FACTOR=4
FLOW =0.55cfs

AREA C=72 ACRES
DENSITY= 8 people/acre
PEAK FACTOR=4
FLOW =0.67 cfs

EX. 18" @ 0.40%
Qcap= 6.55cfs

EX. 21" MMSD

EX. 24" MMSD

EX. 21" MMSD
Qcap= 5.90 CFS

MILWAUKEE ST.

EX. 10" SAN

EX. 10" SAN

SPRECHER ROAD

EX. 12" SAN @ 0.60%
Qcap=2.77cfs

COMMERCIAL AVE.

EX. 12" SAN @ 0.22%
Qcap=1.60cfs

EX. 8" SAN

REINER ROAD

EX. 15" SAN @ 0.70%
Qcap=4.10 cfs

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY_OF_MADISON_STREETS_DIVISION