



PRESSURE_ZONE 4
 TOWER OVERFLOW ELEVATION: 990.0
 GROUND ELEVATION: 810.0 - 860.0
 STATIC PRESSURE: 56 PSI - 78 PSI

PRESSURE_ZONE 1
 TOWER OVERFLOW ELEVATION: 900.0
 GROUND ELEVATION: 710.0 - 810.0
 STATIC PRESSURE: 51 PSI - 77 PSI

PRESSURE_ZONE 2
 TOWER OVERFLOW ELEVATION: 850.0
 GROUND ELEVATION: 660.0 - 760.0
 STATIC PRESSURE: 46 PSI - 72 PSI

| WATER SYSTEM IMPROVEMENTS | | |
|---------------------------|---|--|
| PRIORITY | IMPROVEMENT | LOCATION |
| 0 | NEW WELL AND WATER TRANSMISSION MAIN | STEWARD ROAD |
| 0 | WATER TRANSMISSION MAIN | SOUTH MAIN STREET-RIE FOODS TO STEAM PLANT ROAD |
| 0 | WATER TRANSMISSION MAIN | LELAND DRIVE WELL TO LAKE LIDA DRIVE |
| 0 | WATER TRANSMISSION MAIN | FLACC ROAD-KITE CREEK TO CANNON ROAD |
| 0 | WATER TRANSMISSION MAIN | 20TH STREET-10TH AVENUE TO ILL. ROUTE 38 |
| 0 | WATER TRANSMISSION MAIN | 1/2 ROUTE 251-FLACC ROAD TO JONES ROAD AND JONES ROAD-9TH STREET TO JACK DAME ROAD |
| 0 | WATER TRANSMISSION MAIN | SECOND AVENUE-WELL #8 TO CANNON ROAD |
| 0 | WATER TRANSMISSION MAIN | CANNON ROAD-CRESTON ROAD TO OPUS |
| 0 | WATER TRANSMISSION MAIN | 9TH STREET-UNION PACIFIC RAILROAD TRACKS TO AVENUE B AND AVENUE B-9TH STREET TO JACK DAME ROAD |
| 0 | ELEVATED WATER STORAGE TANK-PRESSURE_ZONE 2 | STEWARD ROAD |
| 0 | WELL #8 WATER TREATMENT | WELL #8 WISCONSIN DRIVE |

NOTES:
 1. THE ELEVATED WATER TOWER STORAGE TANK FOR PRESSURE_ZONE 2 SHOULD MOVE UP THE PRIORITY LIST DEPENDING ON HOW QUICKLY THE AREA ALONG STEWARD ROAD DEVELOPS

LEGEND

- PRESSURE_ZONE 1 ELEVATION: 710.0-810.0 STATIC PRESSURE: 51 PSI-77 PSI
- PRESSURE_ZONE 2 ELEVATION: 850.0-950.0 STATIC PRESSURE: 46 PSI-72 PSI
- PRESSURE_ZONE 3 ELEVATION: 800.0-850.0 STATIC PRESSURE: 51 PSI-66 PSI
- PRESSURE_ZONE 4 ELEVATION: 810.0-860.0 STATIC PRESSURE: 56 PSI-78 PSI
- - - SERVICE AREA BOUNDARY
- - - EXISTING 10" DIA. MAIN
- - - EXISTING 12" DIA. MAIN
- - - EXISTING 16" DIA. MAIN
- - - PROPOSED 12" DIA. MAIN
- - - PROPOSED 16" DIA. MAIN
- W EXISTING WELL
- W EXISTING ELEVATED TOWER OVERFLOW ELEVATION: 950.00
- FW FUTURE WELL-1300 GPM
- FW FUTURE WELL-1500 GPM
- TW PROPOSED 750,000 GALLON ELEVATED TOWER
- TR PROPOSED 750,000 GALLON GROUND LEVEL RESERVOIR
- PRV PROPOSED PRESSURE REDUCING VALVE
- BPS PROPOSED BOOSTER PUMP STATION
- PSI STATIC PRESSURE