Existing Utilities

July 24, 2020

Sanitary Sewer Plan

Existing Sanitary Sewer System

Within the boundary of the Downtown Watsonville Specific Plan (DWSP) most of the area is served by several 8 inch and 10 inch trunk mains running in parallel to the southwest down West Lake Avenue, before turning southeast at Walker Street to meet a 21 inch main flowing southwest on Beach Street. These mains, numbering at as much as three at times, range in size from 6 inch to 21 inch in diameter. Additional mains located on First Street/Riverside Drive serve the southeastern portion of the site, ranging in size from 15 inch to 30 inch in diameter. Both mains serve an area beyond the borders of the DWSP extending north toward Pioneer Cemetery and northeast toward the area bordered by the Salsipuedes Creek, respectively. The primary collector sewers located in the streets of the DWSP range in size from 6 inch to 24 inch in diameter.

Stormwater Plan

Existing Stormwater System

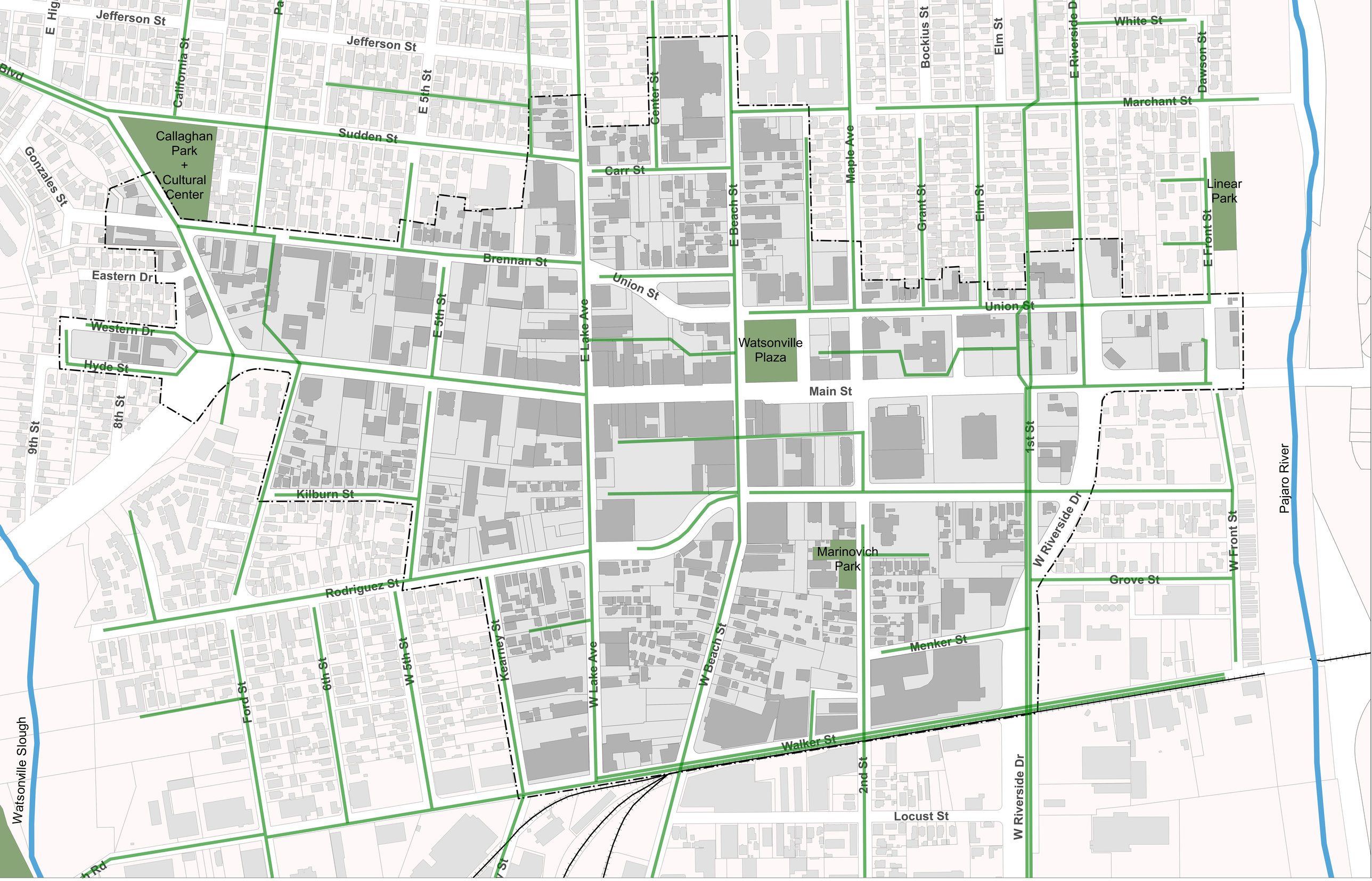
Within the boundary of the DWSP stormwater collection is mostly self-contained. The majority of collected stormwater is captured southeast of Fifth Street flowing to four outfalls for the Pajaro River located at: Lincoln Street, Marchant Street, Union Street, and Grove Street. Stormwater lines in this portion of the system range in size from 12 inch to 54 inch in diameter, and outfalls are sized accordingly: 18 inch at Lincoln, 36 inch at Marchant, 54 inch at Union, and 54 inch at Grove. Northwest of Fifth Street collected stormwater is fed to a 60-inch main located in Main Street flowing west to the Watsonville Slough.

Water System Plan

Existing Water System

The water system within the DWSP is supplied northwest to southeast by a 16-inch main in Walker Street, a 10-inch main in Rodriguez Street, and a main in Main Street ranging in size from 8 inch to 12 inch in diameter. The system is also supplied southwest to northeast by a main in West Lake Avenue ranging in size from 8 inch to 10 inch in diameter, an 8 inch main in Beach Street, a 12 inch main in Riverside Dr, and a 6 inch main in West and East Front Drives. The primary distribution pipes located in the streets of the DWSP range in size from 6 inch to 12 inch in diameter.

Existing water demand for the City of Watsonville is estimated to be approximately 6.0 mgd as reported in the Water System Hydraulic Model prepared by Carollo, dated January 10, 2020. Water demand for the zone serving downtown and some surrounding areas was estimated to be approximately 2.7 mgd as reported in the *Water Distribution System Hydraulic Model Development, Calibration, and System Analysis*, also prepared by Carollo, dated October 2019.



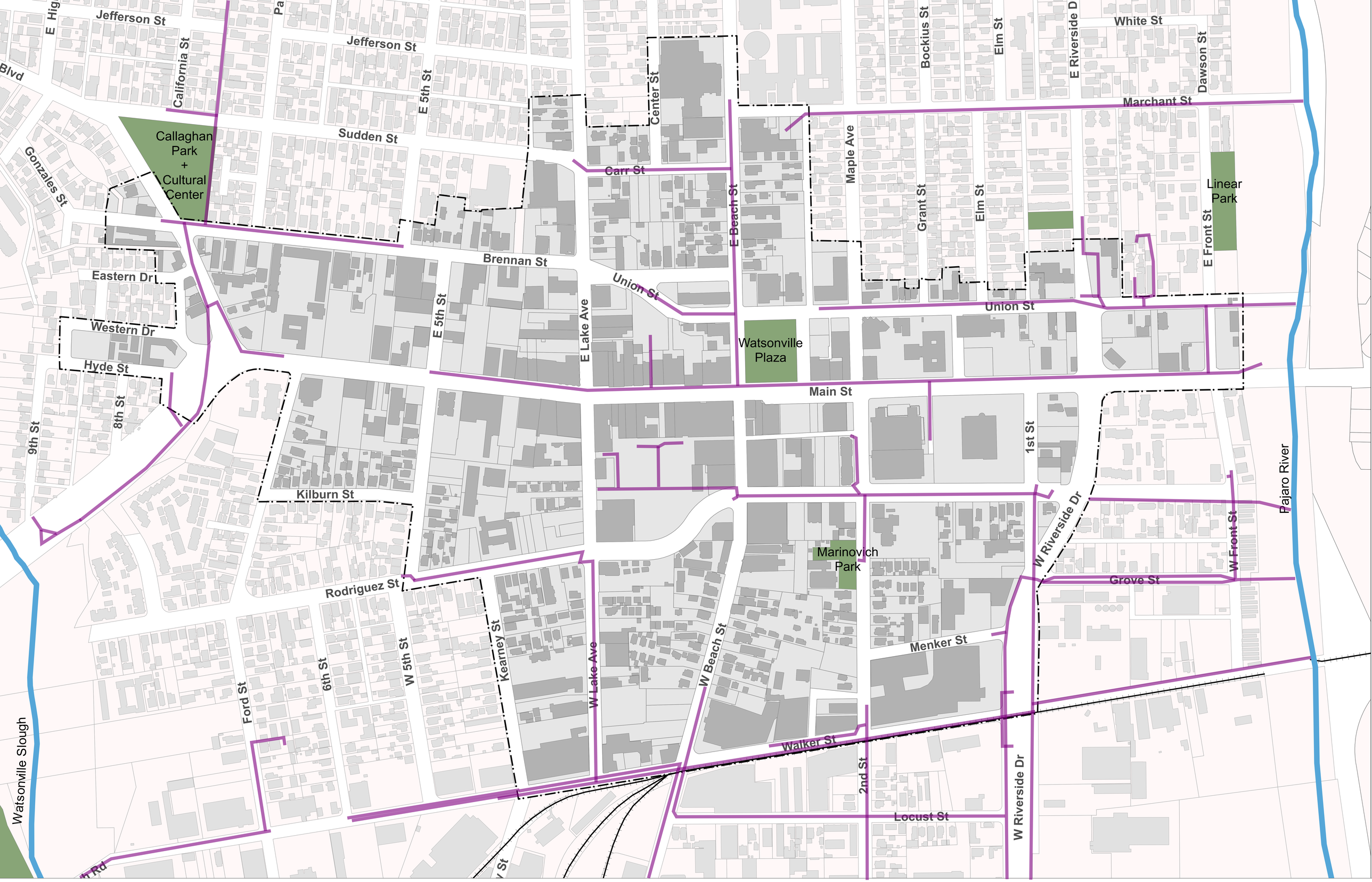
downtown watsonville specific plan

Existing Sewer Main

- Specific Plan Boundary
- Building Footprint
- Parcel
- Rail Line
- Park/Open Space
- Waterway
- Existing Sewer Main

N

0 250 500 Feet



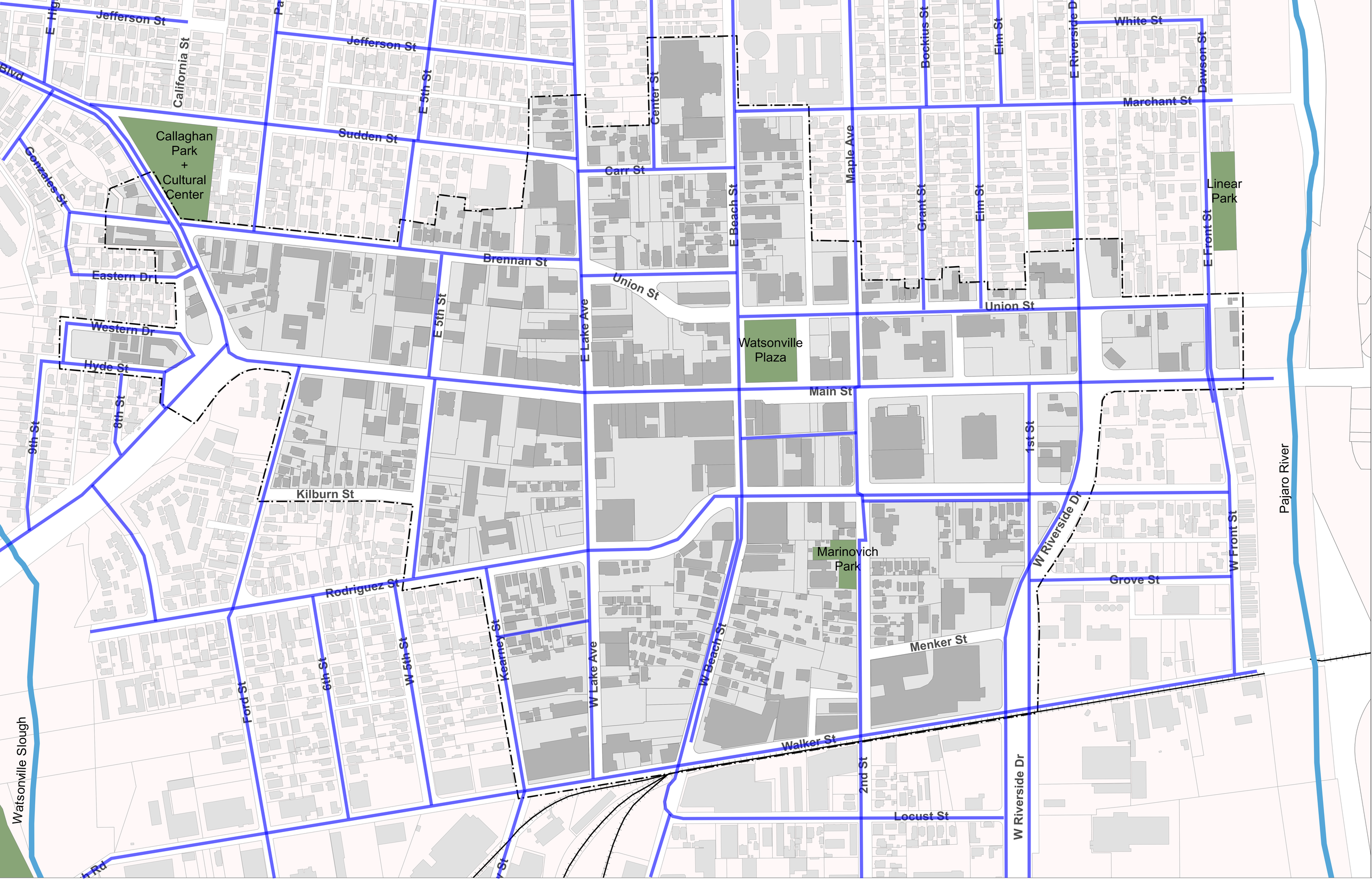
downtown watsonville specific plan

Existing Storm Main

- Specific Plan Boundary
- Building Footprint
- Parcel
- Rail Line
- Park/Open Space
- Waterway
- Existing Storm Main

N

0 250 500 Feet



downtown watsonville specific plan

Existing Water Main

- Specific Plan Boundary
- Building Footprint
- Parcel
- Rail Line
- Park/Open Space
- Waterway
- Existing Water Main

N

0 250 500 Feet