



Sunset Beach Sanitary District

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www.sunsetbeachsd.org

Notice of Public Meetings Regarding the Proposed Construction of the BROADWAY PUMP STATION BYPASS SEWER

March 7, 2024, 7:00 PM – Community Outreach

Sunset Beach Community Association, 16861 12th St., Sunset Beach 90742

and

March 14, 2024, 6:30 PM – Official Public Hearing

Sunset Beach Woman's Club, 16812 Bayview Drive, Sunset Beach 90742

Sunset Beach Sanitary District (District), provides sewage and trash collection and disposal services for the coastal communities of Sunset Beach (within the City of Huntington Beach, CA) and Surfside Colony (within the City of Seal Beach, CA). Nearly all of the District's sewage collection facilities were built in 1935, when the District began sewage collection and treatment operations. Included in those 1935 facilities was the construction of the Broadway Sewage Pump Station, continuously in operation since that date.

The Broadway Sewage Pump Station, located at Broadway and North Pacific Avenue, is an under-the-street station that pumps sewage from about 90% of the District's service area. The sewage pump station discharges to a pressure main, installed in 1983 in the Sunset Greenbelt, that delivers the sewage to a gravity sewer in Warner Avenue, about 3,200 feet south of Broadway. Both the sewage pump station and the pressure main have reached the end of their useful lives and need to be replaced. The Broadway Sewage Pump Station has operating flaws.

The first flaw is that the pump station, which is in and under streets, has electrical equipment below grade. Should the streets flood from climate change induced high tide and storm surges, the pump station could flood and then fail, spilling sewage into the ocean, harbors, and estuaries. The second flaw is that the pump station was built in the early 1930's and cannot comply with current earthquake standards for critical infrastructure.

The District has a choice on how to replace them. The 1st option would be to build a new sewage pump station and a new pressure main. Under today's design standards, electrical motors and electrical gear must be above ground for safety which means that when high tides and storm surge combine and flood streets in Sunset Beach, the electrical gear would not flood. If the existing underground station flooded, it would stop pumping and sewage would spill. Thus,

under this option, we would build an above ground building to house the electrical motors and other electrical gear. In addition, we would have to build a new pressure pipe to Warner Avenue.

The second option, this project, is the installation of a 15-inch diameter underground gravity sewer pipe, that, when completed, will allow the District to abandon the pumping station and the force main. That pump station, again under the street and in operation since 1935, receives sewage from 3 incoming sewer lines. The 3 sewers that deliver sewage to the pump station would be connected underground to the new gravity sewer pipe (the term 'gravity' means the sewage will flow without pumping: the sewer has a downhill slope to the connection in PCH and Warner Avenue).

One of the great things about the proposed new gravity sewer option is that it costs less to build than rebuilding the pump station and force main. As a bonus, it provides a tremendous yearly savings by eliminating the electrical power charges that the electrical pump motors use and the constant cost of maintaining a 1935 underground pump station.

Sewage pump stations, no matter how well they are maintained, are subject to malfunction. When that happens, sewage spills out on the ground which brings a new set of troubles. Getting rid of that pump station makes our sewage collection system much safer. For these reasons, the District chose Option 2, construction of a gravity sewer and abandonment of the pump station. It is the lowest cost alternative, reduces annual costs, and is the safest alternative.

The construction will start after Labor Day and be complete by Memorial Day. This time period was chosen to reduce the effect construction will have on beach users. The project will start at PCH and Warner Avenue and continue west in Warner to the Sunset Greenbelt, then north in the Sunset Greenbelt to Broadway. Portions of the installation will be tunneled to protect sensitive trees. In total, 10 trees will be removed, and will be replaced by 20 trees. The northwest quarter of the large parking lot near Warner Avenue will be used as a construction lot and closed for the project duration. Construction specifications require that the construction be staged so that only one greenbelt side parking lot (the lots entered off North Pacific Avenue) will be closed at a time. The greenbelt restrooms will continue to remain open.

The proposed bypass sewer will discharge to an existing City of Huntington Beach sewer located in the intersection of Warner Avenue and Pacific Coast Highway. Once the existing sewers in Broadway are connected to the new line, the pump station will be demolished and the existing service cabinets on the northeast sidewalk corner removed.

The Broadway Pump Station Bypass Sewer will cost about \$10 million dollars and will be paid for by a combination of a low interest rate state loan and the District's project reserve.

The project will soon be advertised for public bids, and will be awarded to the Contractor submitting the lowest bid. The construction will be managed by the District and the contractor will comply with the District's design and specifications and the permit requirements of the City of Huntington Beach, Caltrans, the California Coastal Commission, and the California Regional Water Quality Control Board. A District construction manager will be always on site when construction takes place, and can be contacted by calling 562-493-9932.