

# *West Orange County Water Board*

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*General Manager, Engineer, Secretary, Fiscal Agent*

City of Huntington Beach  
19001 Huntington Street  
Huntington Beach, California 92648  
(714) 536-5921 FAX (714) 847-1067

*Atkinson, Andelson, Loya, Raud & Romo*

20 Pacifica, Suite 1100  
Irvine, California 92618

**DATE:** June 17, 2020

**TO:** Board of Directors

**FROM:** Brian A. Ragland, P.E., General Manager

**SUBJECT:** Upcoming Improvements to MWD's West Orange County Feeder

The West Orange County Feeder (WOCF) was constructed in 1956 as a component of MWD's Lower Feeder transmission system (see attached). The pipeline is a cement mortar coated welded steel pipeline with a diameter of 43-inches and 55-inches and is approximately 13 miles long.

The southwest corner of this pipeline is located at the intersection of Dale Street and Katella Avenue in the City of Stanton. The WOCWB's OC-9 and OC-35 turnouts are located at this intersection and receive MWD water from this pipeline.

At the April 14, 2020 MWD Board meeting the Board approved the following WOCF projects:

- OC-9 Turnout Rehabilitation Project – The underground vault that includes a 14-inch flow control valve, flow meter and associated piping and electrical systems has been in operation for 60 years. The equipment within the vault will be replaced.
- Cathodic Protection Project – The pipeline is one of the few reaches of welded steel pipe that is not yet cathodically protected. The scope of work is to design and install a comprehensive cathodic protection system.

WOCWB staff is working with the engineering staff from the Municipal Water District of Orange County (MWDOC) to establish contacts with the engineering and construction staff at the Metropolitan Water District (MWD) to ensure that the WOCWB imported water needs are addressed and impacts minimized. Staff from the WOCWB member agencies will be informed as the construction schedules are being developed to ensure that no serious impacts to their operations will occur as the construction phases of the projects move forward.