

ERDIP NEWS

September 2017, Vol. 2

First shipment of 54" ERDIP arrived at LADWP - Fault crossing trunk line

The first 54" S-Type ERDIP (Earthquake Resistant Ductile Iron Pipe) arrived at site of LADWP (Los Angeles Department of Water & Power) in August. The ERDIP will be installed for replacing and upgrading the existing Foothill Trunk Line. The pipeline was designed to enhance the safety under potential fault rupture in the wide area including partially maximum 10' displacement. Installation is scheduled to start from November.



Any inquiry please feel free to contact us.

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KUBOTA Corporation

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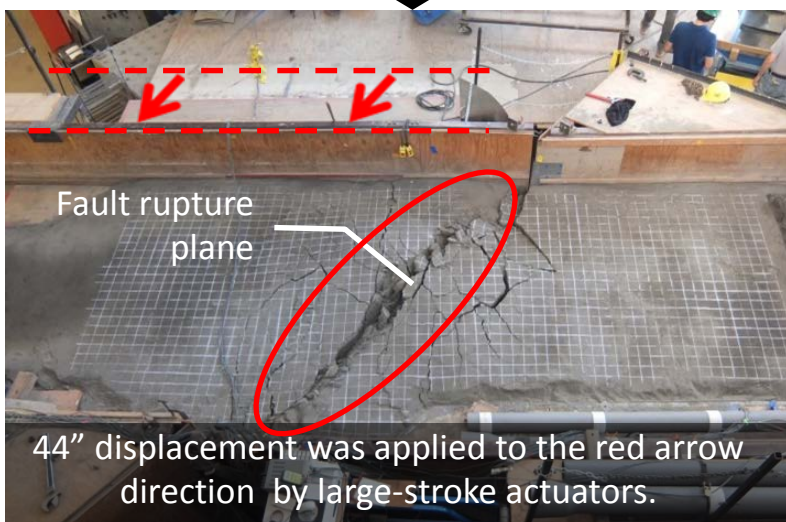
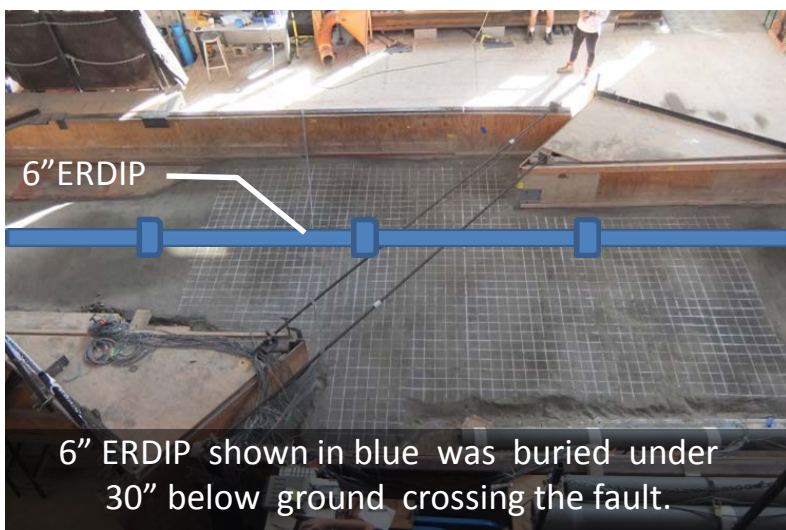
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Cornell University verifies the safety of ERDIP

The following tests were performed under instruction of Pro. T.D. O'Rourke at Cornell University.

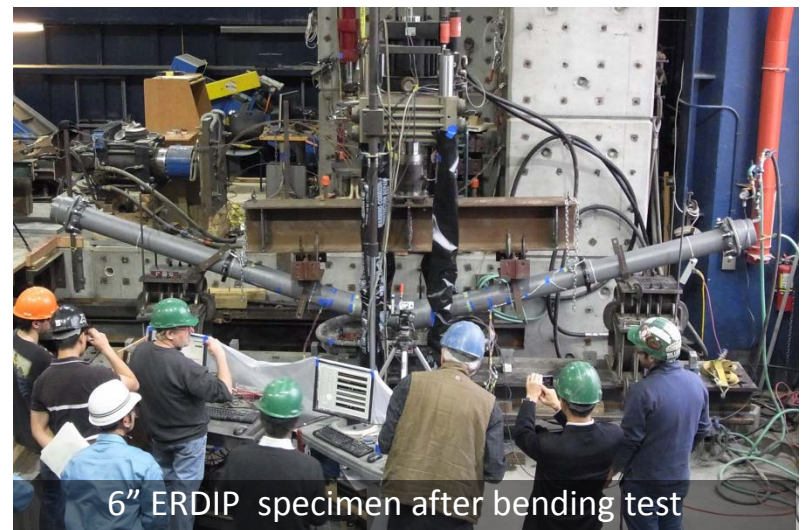
1. Joint tension test of 6" diameter ERDIP
 2. Split basin test of 6" diameter ERDIP
 3. Bending test of 6", 12" and 16" diameter ERDIP
- The result proved the performance of ERDIP.

2. Split basin test



ERDIP absorbs the ground movement

3. Bending test



No leakage within the maximum deflection on 6", 12" and 16" ERDIP

Test Team



3 test results verified the safety of Kubota ERDIP joint for fault crossing

For more information please visit
<https://lifelines.cee.cornell.edu/projects>