



OLD COUNTY ROAD IMPROVEMENTS

PROJECT BACKGROUND

Old County Road spans the entire length of Zone 1 and has approximately 5,000 LF of various 4", 6" and 8" cast iron pipe (CIP) and asbestos cement (AC) water mains installed in the 1930's/1940's located on the east side of the road. In addition, approximately 3,100 LF of 10" and 12" polyvinylchloride (PVC) and polyethylene (PE) water mains in steel casings were installed in the late 1980s and parallel the CIP and AC on the left side of the road. There are approximately 111 service connections, 15 fire service connections, and 11 fire hydrants along the CIP/AC water mains. Hydraulic analysis indicates the larger parallel water mains (10"-12") provide no significant fire flow benefit to the zone. This project abandons 6,475 LF of various sized parallel water main and replaces all of the 6"- 8" CIP/AC with 8" PVC (3,700 LF) and 1,800 LF of 20" CC with 20" PVC from Bragato Road to Marine View Avenue. Distribution System Analysis No. 080

PROPOSED IMPROVEMENTS

Abandon 6,475 LF of various size/type water mains
 Replace 3,700 LF of 6"-8" CIP/AC with 8" PVC
 Replace 1,800 LF of 20" CC with 20" PVC
 Replace 11 fire hydrant assemblies
 Replace 111 service connections
 Replace 15 fire service connections

PROJECT BENEFITS

The Old County Road Improvements replaces old and aging water main, reduces maintenance, and improves fire flows at various locations along Old County Road to as much as 2,500 gpm.

EXPENDITURE SCHEDULE (2015 DOLLARS)

	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	Future
Planning, Design, CM	-----	-----	-----	-----	-----	-----
Construction	-----	-----	-----	-----	-----	-----
Contingency	-----	-----	-----	-----	-----	-----
Total Cost	-----	-----	-----	-----	-----	-----



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JOB No. 10012.07
 DATE 05/28/15
 SCALE AS NOTED
 DRAWN: BY BL
 CKD JP



MID-PENINSULA WATER DISTRICT
 SAN MATEO COUNTY, CALIFORNIA
 3 DAIRY LANE
 BELMONT, CA 94002

CAPITAL IMPROVEMENT PROGRAM - 2015 UPDATE
 OLD COUNTY ROAD IMPROVEMENTS
 PROJECT 15-75

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