

Main Avenue and Madrone Pipeline Restoration Project

(Project Number 91094009)

June 13, 2017

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Main Ave. & Madrone Pipeline Restoration Project

Board Actions – June 13, 2017

- ▶ Conduct Public Hearing on Final Initial Study/Mitigated Negative Declaration (IS/MND) and Engineer's Report
- ▶ Close Public Hearing
- ▶ Consider Potential Environmental Effects
- ▶ Adopt Final IS/MND and MMRP
- ▶ Approve Engineer's Report
- ▶ Approve Project

Main Ave. & Madrone Pipeline Restoration Project

Objectives

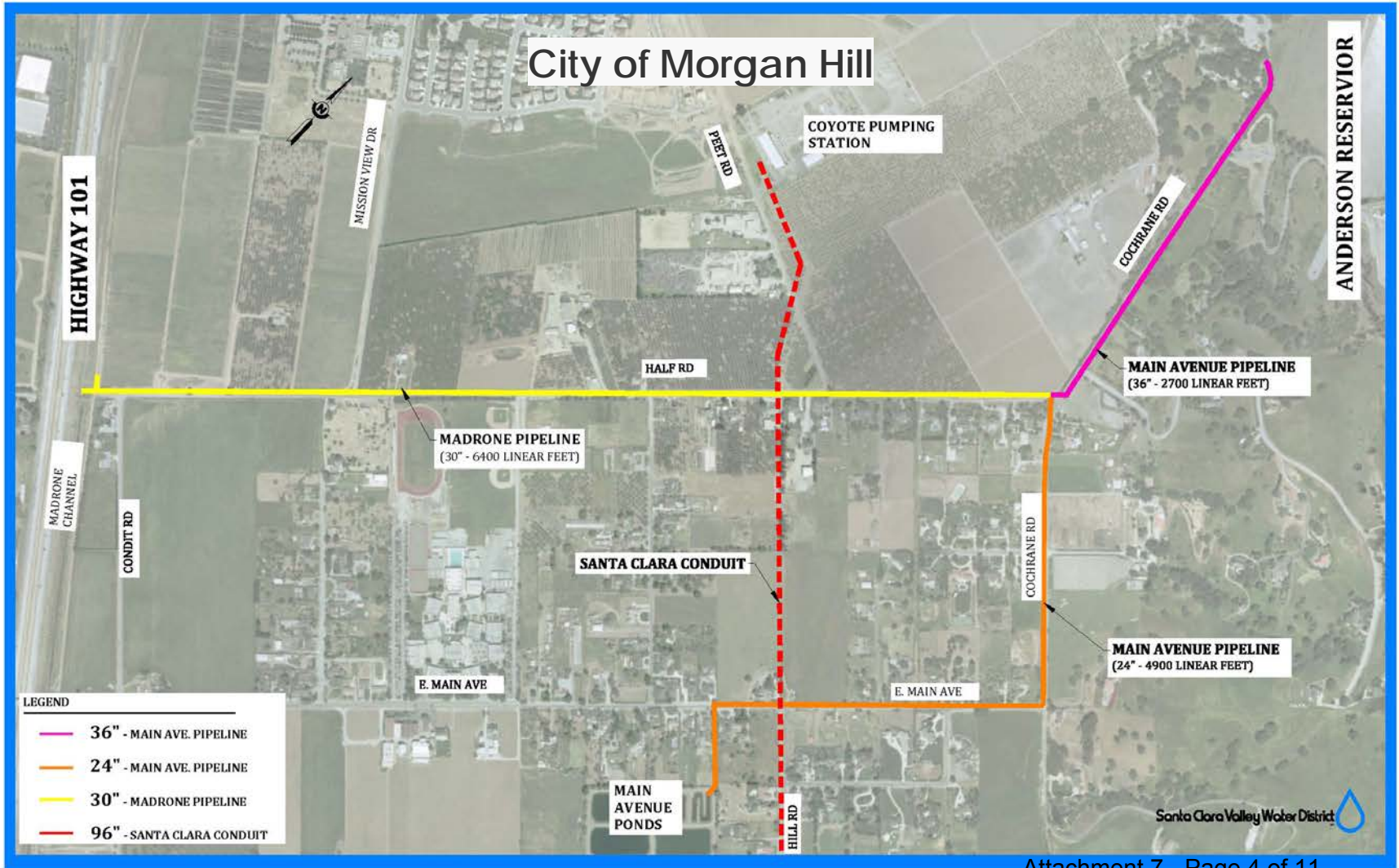
- ▶ To restore pipeline system to full operating capacity
- ▶ To meet current and future groundwater recharge demands

Benefits

- ▶ Increases groundwater recharge (2,000 acre-feet)
- ▶ Improves operational flexibility and reduces operating costs.
- ▶ Maximizes the delivery of imported water to Treatment Plants
- ▶ Saves energy and cuts CO₂ emissions (Coyote Pumping Plant)

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Project Location & Alignment



Main Ave. & Madrone Pipeline Restoration Project

Project Description

- ▶ 14,000 linear feet of 24 to 36 inch diameter pipe and appurtenances
- ▶ Pressure Reducing Vaults, Turnouts, Chemical Feed Station, Outfall, and Energy Dissipation Structures



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► CEQA Document

- Draft IS/MND Public Review from Mar 1 2017 to April 3 2017
- Received comments from five agencies and one public member
- Responses to comments included in final IS/MND
- Mitigation Monitoring and Reporting Program (MMRP) provided in final IS/MND
- Mitigation measures incorporated into Project to reduce environmental impacts to less-than significant

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Project Rights of Way

- ▶ Project is within the Public Right of Way and will require encroachment permits from the City of Morgan Hill and the County of Santa Clara
- ▶ Permanent Easement (small section of pipeline) required
- ▶ Temporary Easement (Staging)

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Project Cost

- ▶ Total estimated cost: \$17.2M (2018 dollars)
- ▶ Planning/Design: \$3.1M
- ▶ Construction Phase:
 - ▶ Construction Contract: \$12.0M
 - ▶ Construction Management/Engr. Support: \$2.1M

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District Project Funding

- ▶ Zone Benefits: Proposed Project benefits Zone W-5
- ▶ Funding Source:
 - ▶ District Water Enterprise Fund, Zone W-5
 - ▶ \$10.9M (63%)
 - ▶ Safe, Clean Water and Natural Flood Protection
 - ▶ \$6.3M (37%)

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Schedule of Next Steps

- ▶ Complete contract documents - Aug 2017
- ▶ Award Construction Contract - Oct 2017
- ▶ Construction - Nov 2017 to Nov 2018
- ▶ Close out Project – Dec 2018

Questions?



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