

Temporary Road Closures for Almond PP Pipeline Project

Castro Valley Municipal Advisory Council
Meeting

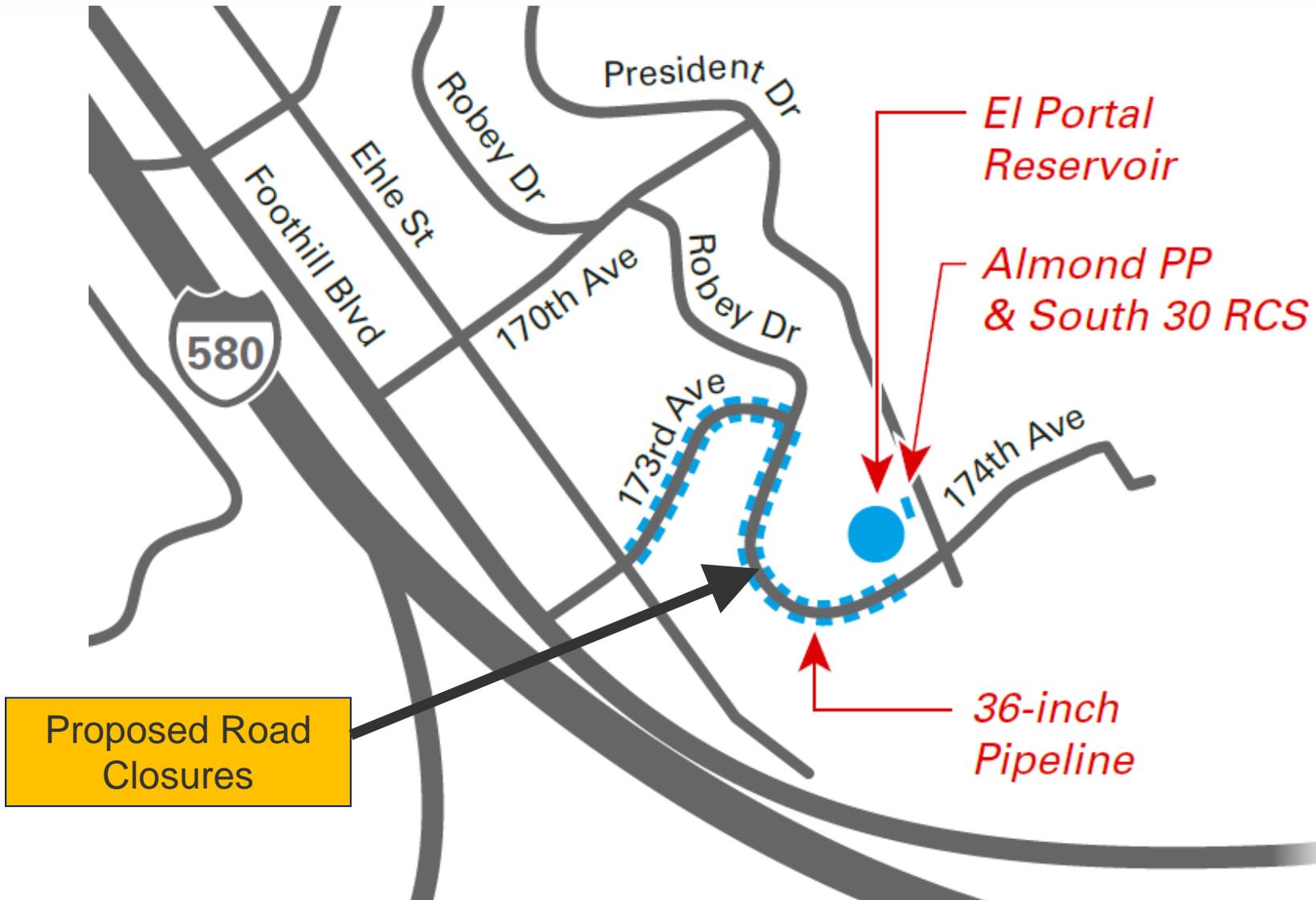
March 17, 2014

Meeting Agenda



- Project Scope
- Community Outreach
- Temporary Road Closure Plan
- Road Restoration

Project Location – Castro Valley



EBMUD Scope of Work



- Replace Almond Pumping Plant
- Replace Pipelines
- Rehab El Portal Reservoir
- Total construction cost ~\$11 million
- Project benefits surrounding community

Project Location – Castro Valley



Narrow Residential Roads



Narrow Residential Roads



Narrow Residential Roads



Construction Schedule and Work Hours



- Start construction: February 2014
- Pipeline & road closures: ~3 months, June to August 2014
- Road closures: 9 am to 6 pm, M to F
- In-Service: February 2016

Community Outreach



- Postcards (Sept 2011)
- CEQA Documentation (Oct 2011)
- Project website (Oct 2011)
- Pre-construction postcards (Jan 2014)
- Portable Changeable Message Signs (during construction)

County Agency Outreach



- **Met & gained support of County Agencies:**
 - Public Works Dept
 - Sheriff Dept
 - Fire Dept
 - Emergency Medical Services
- **Emergency Communications:**
 - Continuous open radio channel
 - 10 minute passage requirement

Road Closure Report



Final Road Closure Analysis Report

Almond Pumping Plant Replacement Project in Castro
Valley

Prepared for



East Bay Municipal Utility District (EBMUD)

Prepared By



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April 16, 2013

- Traffic counts
- Closure analysis
- Detour plans
- Traffic control plans

Detour Plan



DETOUR PLAN FOR SHEET TC-3
N.T.S.



DETOUR PLAN FOR SHEET TC-4
N.T.S.

5 road closures,
totaling 33 days,
over ~ 3 months



DETOUR PLAN FOR SHEET TC-5
N.T.S.

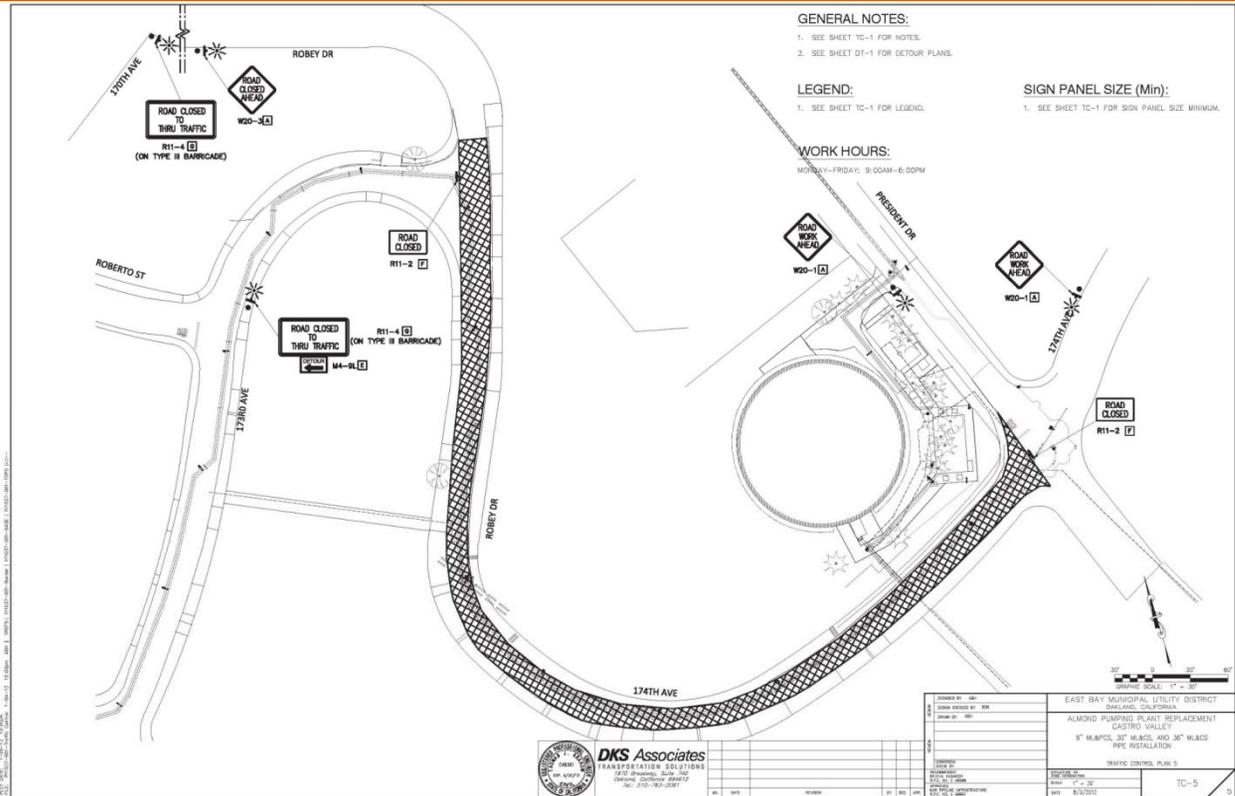
Road Closure	Location	Duration (days)
1	173 rd Ave btw Ehle & Roberto	5
2	173 rd Ave btw Roberto & Robey	4
3a	Robey Dr / 174 th Ave	12
3b	Robey Dr / 174 th Ave	5
3c	Robey Dr / 174 th Ave	7
Total		33

Traffic Control



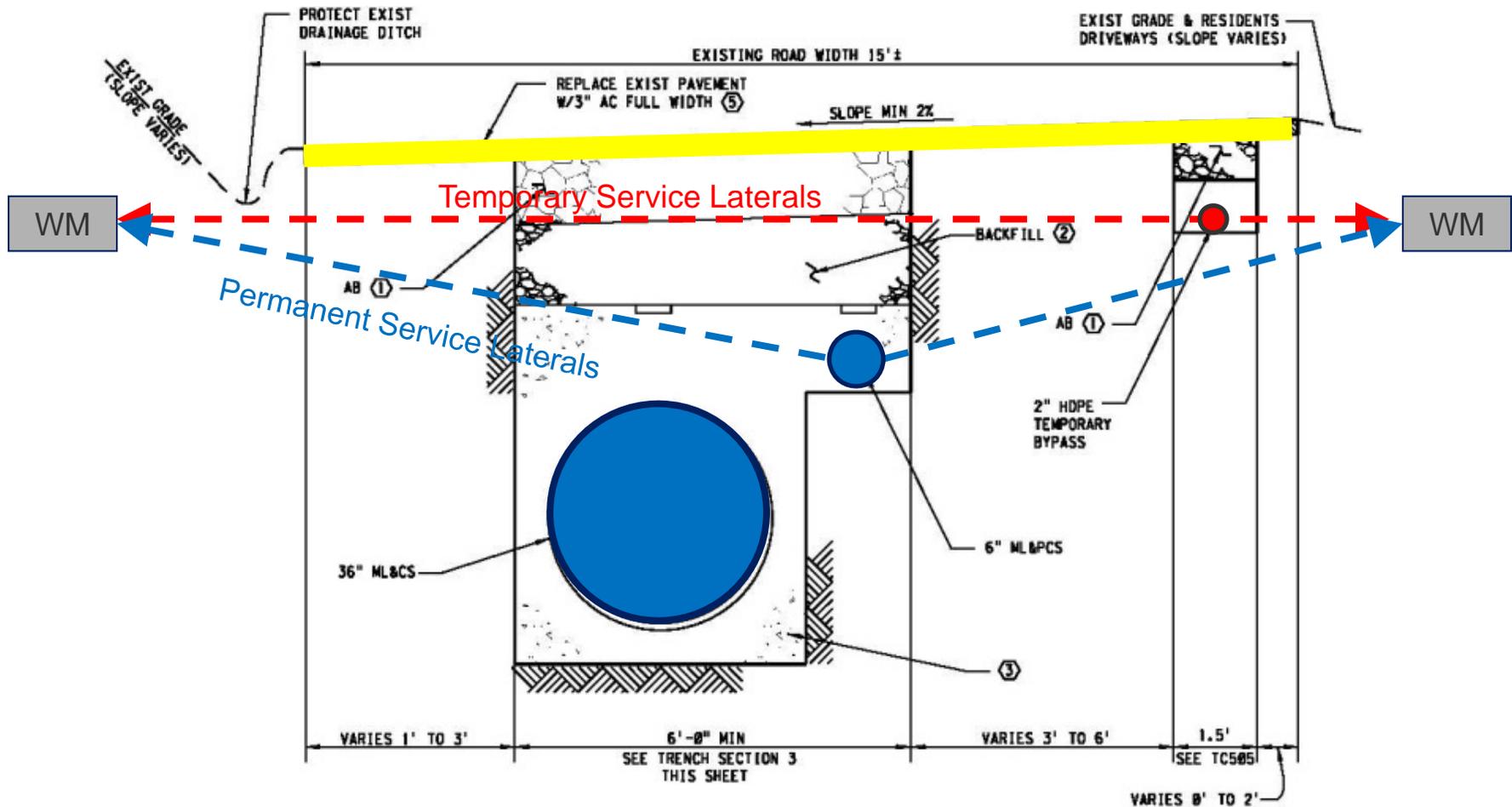
Closure of Robey Dr / 174th Ave

- Work hours 9:00am to 6:00pm, M to F
- Road opened at end of the day w/ plates and temporary AC
- Residents access maintained with minor delays
- No street parking
- Street improvement with full width pavement restoration
- Required internal welding for 36" Pipe and CDF backfill to accelerate installation



Road Closure	Activity	Work by	Duration
3a	Install Pipelines	Contractor	6 days for 1 st 400 linear feet +/- 6 days for next 400 linear feet +/-
3b	Transfer Services	District	5 days
3c	Pave full width	Contractor	7 days
			14

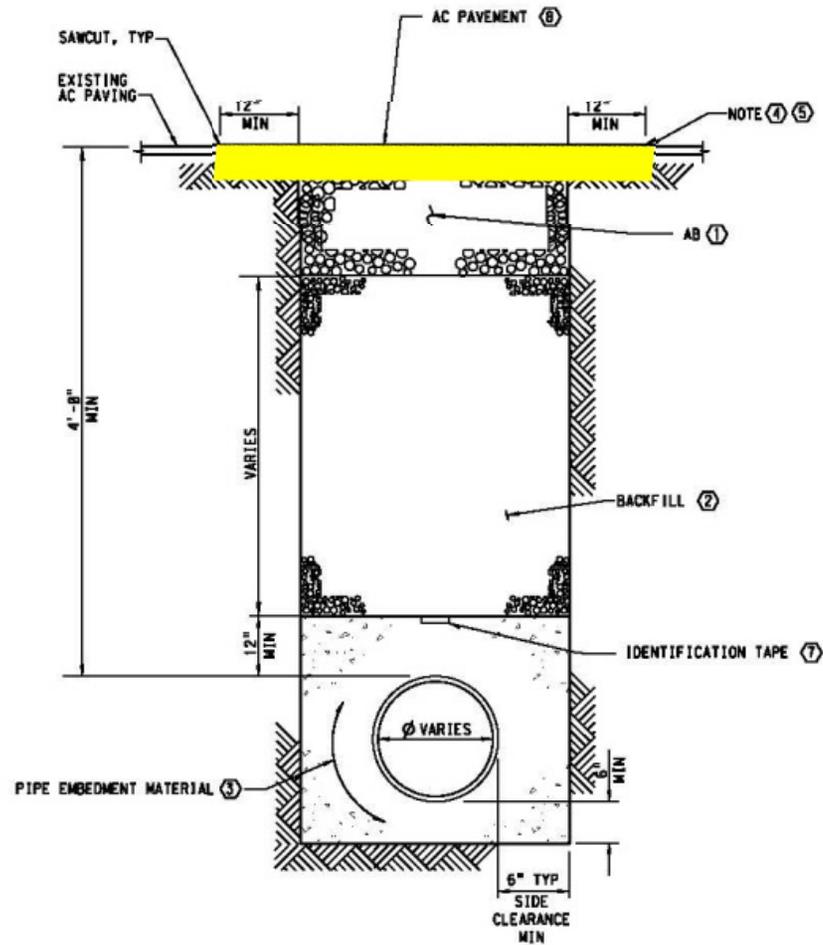
Pavement Restoration



TYPICAL PAVEMENT RESTORATION

ROBEY DR & 174TH AVE

Pavement Restoration



TRENCH SECTION 2

173RD AVE & PRESIDENT DR

Questions?



Thank You!