

# **Temporary Road Closures for Almond PP Pipeline Project**

Castro Valley Municipal Advisory Council  
Meeting

March 17, 2014



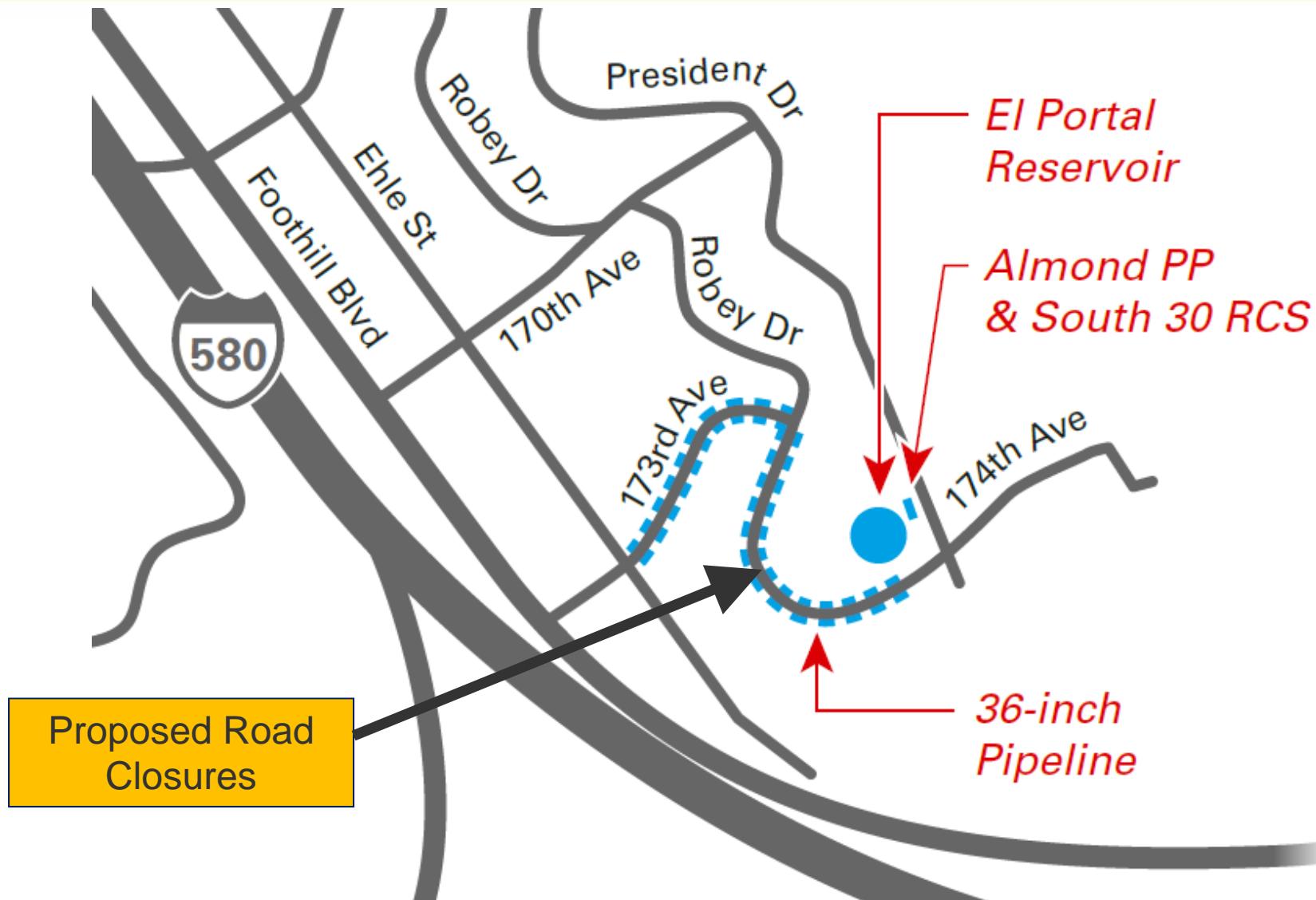
# Meeting Agenda



- 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 <sup>rd</sup> Ave btw Ehle & Roberto	5
2	173 <sup>rd</sup> Ave btw Roberto & Robey	4
3a	Robey Dr / 174 <sup>th</sup> Ave	12
3b	Robey Dr / 174 <sup>th</sup> Ave	5
3c	Robey Dr / 174 <sup>th</sup> Ave	7
Total		33

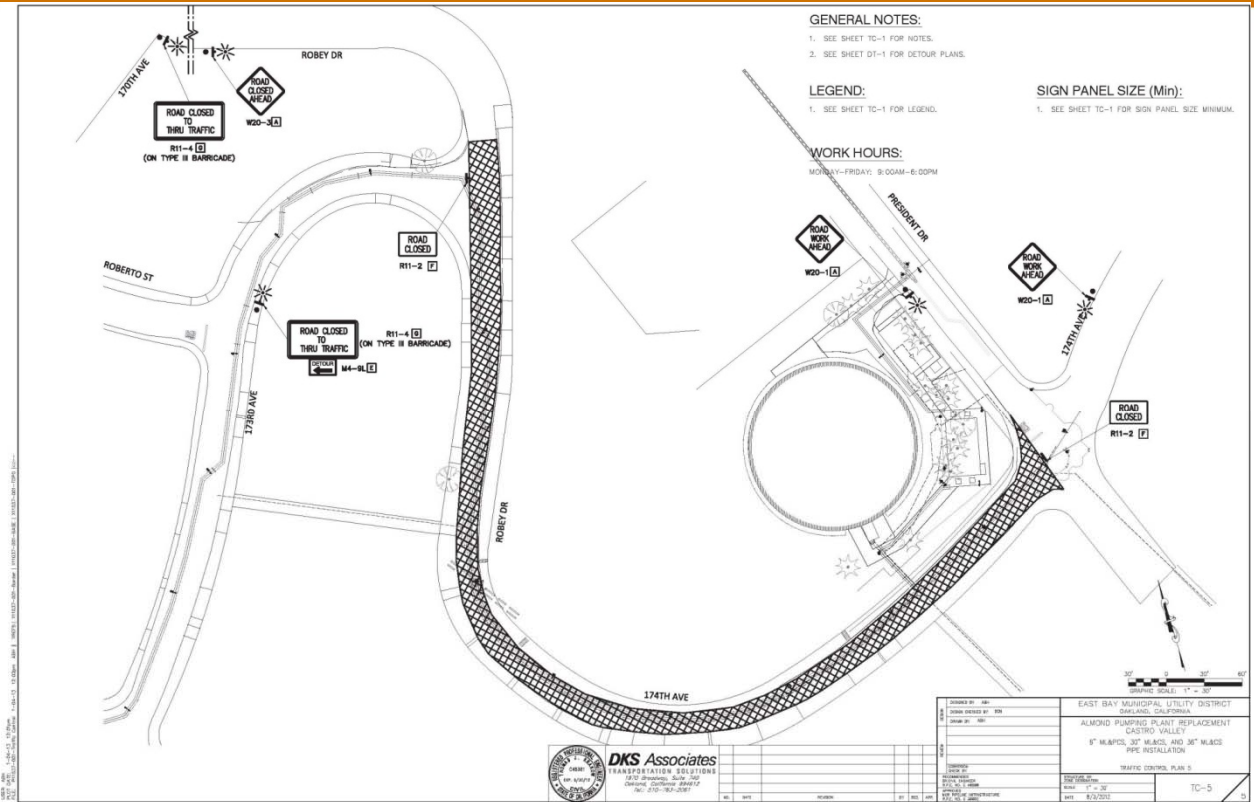


# Traffic Control



## Closure of Robey Dr / 174<sup>th</sup> Ave

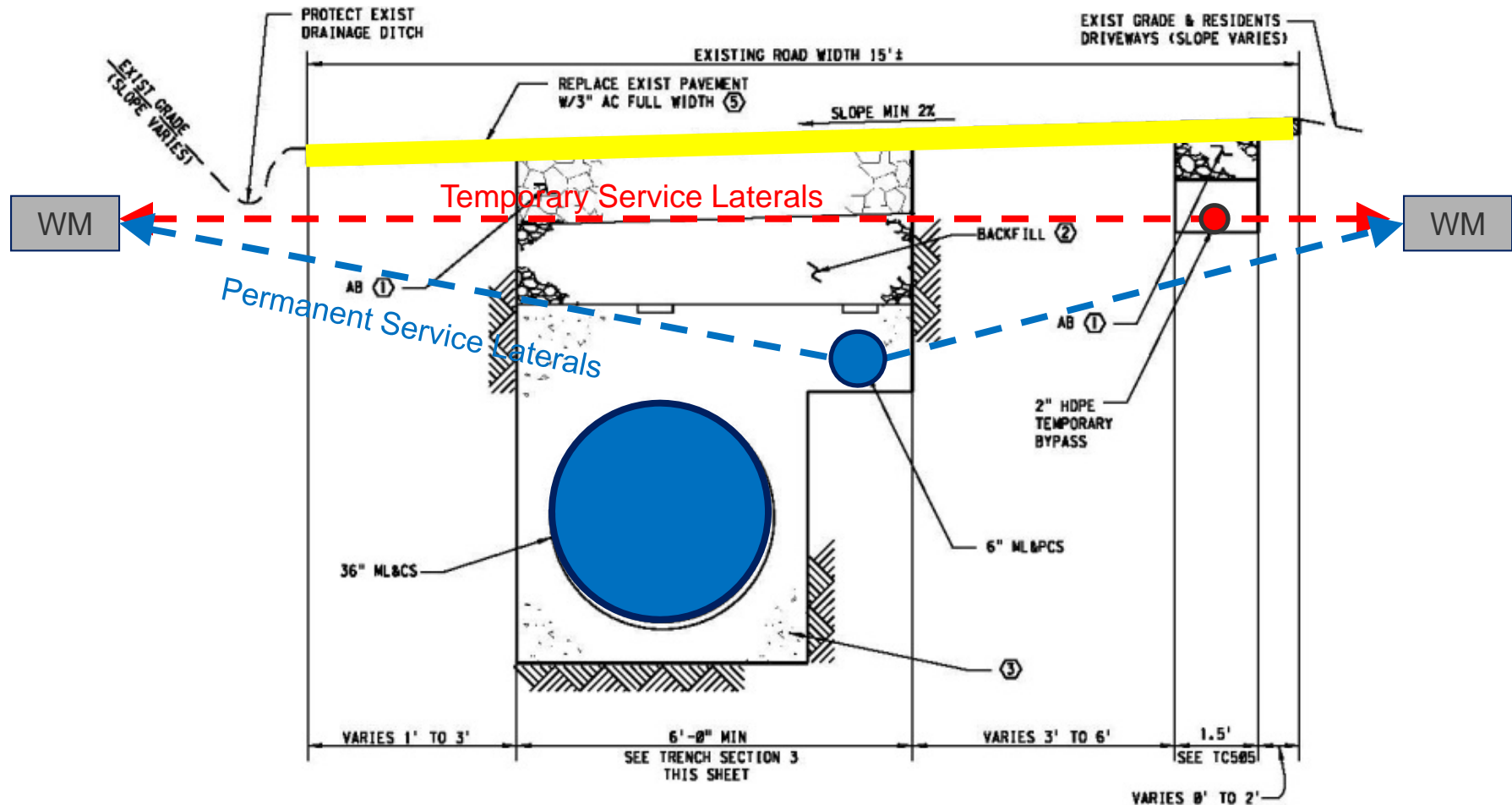
- Work hours 9:00am to 6:00pm, M to F
- Road opened at end of the day w/ plates and temporary AC
- Residents access maintained with minor delays
- No street parking
- Street improvement with full width pavement restoration
- Required internal welding for 36" Pipe and CDF backfill to accelerate installation



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



# Pavement Restoration

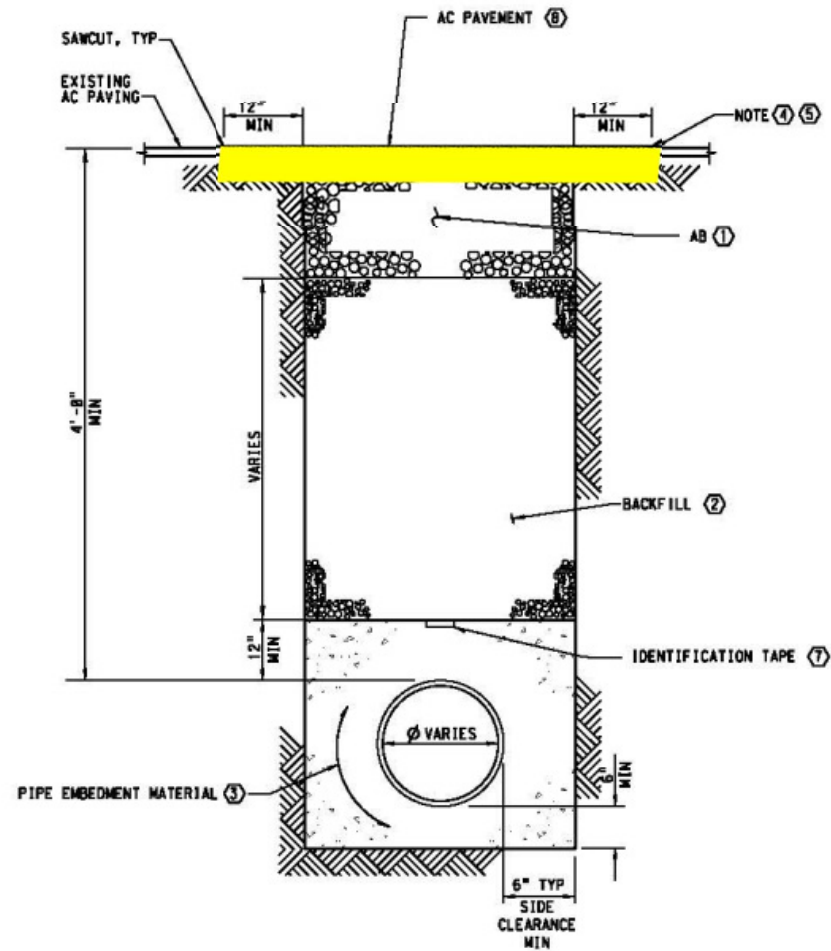


## TYPICAL PAVEMENT RESTORATION

ROBEY DR & 174TH AVE



# Pavement Restoration



## TRENCH SECTION 2

173RD AVE & PRESIDENT DR



# Questions?



Thank You!