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
• Replace Almond Pumping Plant
• Replace Pipelines
• Rehab El Portal Reservoir
• Total construction cost ~$11 million
• Project benefits surrounding community
Project Location – Castro Valley

New Pipelines
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)
• 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

EBMUD
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

<table>
<thead>
<tr>
<th>Road Closure</th>
<th>Location</th>
<th>Duration (days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>173&lt;sup&gt;rd&lt;/sup&gt; Ave btw Ehle &amp; Roberto</td>
<td>5</td>
</tr>
<tr>
<td>2</td>
<td>173&lt;sup&gt;rd&lt;/sup&gt; Ave btw Roberto &amp; Robey</td>
<td>4</td>
</tr>
<tr>
<td>3a</td>
<td>Robey Dr / 174&lt;sup&gt;th&lt;/sup&gt; Ave</td>
<td>12</td>
</tr>
<tr>
<td>3b</td>
<td>Robey Dr / 174&lt;sup&gt;th&lt;/sup&gt; Ave</td>
<td>5</td>
</tr>
<tr>
<td>3c</td>
<td>Robey Dr / 174&lt;sup&gt;th&lt;/sup&gt; Ave</td>
<td>7</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>33</strong></td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Road Closure</th>
<th>Activity</th>
<th>Work by</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>3a</td>
<td>Install Pipelines</td>
<td>Contractor</td>
<td>6 days for 1st 400 linear feet +/-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>6 days for next 400 linear feet +/-</td>
</tr>
<tr>
<td>3b</td>
<td>Transfer Services</td>
<td>District</td>
<td>5 days</td>
</tr>
<tr>
<td>3c</td>
<td>Pave full width</td>
<td>Contractor</td>
<td>7 days</td>
</tr>
</tbody>
</table>
Pavement Restoration

Temporary Service Laterals

Permanent Service Laterals

Typical Pavement Restoration

Robey Dr & 174th Ave
Thank You!