Date: May 8, 2014
Technician: Jaime Martinez
Project Name: Mt. Vernon Ave. Viaduct Potholing
Project Address: Mt. Vernon Ave., San Bernardino, Ca. 92410 2024
C Below Project No.
### Project Summary

<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Water</td>
<td>8</td>
<td>Steel</td>
<td>3.00</td>
<td>E/W</td>
<td>South side on 2nd St. East of Mt. Vernon</td>
<td>Asphalt</td>
</tr>
<tr>
<td>2</td>
<td>Gas</td>
<td>3</td>
<td>Wrapped Steel</td>
<td>3.50</td>
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<tr>
<td>3</td>
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<tr>
<td>4</td>
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<td>8</td>
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<td>5</td>
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<td>12</td>
<td>Steel</td>
<td>3.60</td>
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<tr>
<td>5a</td>
<td>Water</td>
<td>2</td>
<td>Steel</td>
<td>3.30</td>
<td>W</td>
<td>East on intersection of Mt. Vernon &amp; 3rd St. on East lane of 3rd St.</td>
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</tr>
<tr>
<td>6</td>
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<td>8</td>
<td>Dry Hole</td>
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<td>North End of Mt. Vernon Frontage Rd. At Train Tracks</td>
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<td>9</td>
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<td>12</td>
<td>Water</td>
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<td>Steel</td>
<td>4.00</td>
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<td>West under Mt. Vernon Ave. Bridge</td>
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<td>13</td>
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<td>4.02</td>
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<td>Asphalt</td>
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</table>

Comments: Top depth is measured from ground surface to top of utility. Potholes were performed at locations specified by the client. Utility size and material are based on visual estimates and may vary.
### Project Summary

<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>17</td>
<td>Water</td>
<td>16</td>
<td>Steel</td>
<td>2.90</td>
<td>E/W</td>
<td>South Bound Mt. Vernon Shoulder Before Bridge</td>
<td>Soil</td>
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<tr>
<td>18</td>
<td>HP Gas</td>
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<td>Wrapped Steel</td>
<td>4.82</td>
<td>NE/SW</td>
<td>South Bound Mt. Vernon Before Bridge in Shoulder</td>
<td>Soil</td>
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<tr>
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<td>Poly</td>
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<td>N/S</td>
<td>#2 Lane South Bound Mt Vernon at 4th Street</td>
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<tr>
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<td>4</td>
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<td>21</td>
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<td>1</td>
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<td>22</td>
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<td>23</td>
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<td>Steel</td>
<td>5.00</td>
<td>NW/SE</td>
<td>#2 Lane North Bound Mt Vernon</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Comments: Top depth is measured from ground surface to top of utility. Potholes were performed at locations specified by the client. Utility size and material are based on visual estimates and may vary.
## Technician Name
Jaime Martinez

## Date
05/06/2014

## C Below Project No.
2024

## Project Name
Mt. Vernon Ave. Viaduct Potholing

## Project Address
Mt. Vernon Ave., San Bernardino, Ca. 92410

## Client Company
Pomas

## Contact
Cliff Simental

### Pothole No. 1

<table>
<thead>
<tr>
<th>Surface Type</th>
<th>Asphalt</th>
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<tbody>
<tr>
<td>Thickness</td>
<td>0.40 (feet)</td>
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</tbody>
</table>

### Profile View (not to scale)

### Measured Distance from Finished Surface

#### Notes:
- Swing ties from PK Nail

### PHYSICAL SWING TIE INFORMATION

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>30.10</td>
<td>SE</td>
<td>Water Meter</td>
</tr>
<tr>
<td>2</td>
<td>38.10</td>
<td>NW</td>
<td>Traffic Signal Pull Box</td>
</tr>
<tr>
<td>3</td>
<td>66.80</td>
<td>SW</td>
<td>Comm Ped</td>
</tr>
</tbody>
</table>

### HAND SKETCH

2024 Mt. Vernon Ave. Viaduct Potholing

www.cbelow.com
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Water</td>
<td>8</td>
<td>Steel</td>
<td>3.00</td>
<td>E/W</td>
<td>South side on 2nd St. East of Mt. Vernon</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Comments:

[Photo 1][Photo 2]

[Photo 3][Photo 4]
### POThOLING DATA SHEET

#### Technician Name
Jaime Martinez

#### Date
05/06/2014

#### C Below Project No.
2024

### Project Name
Mt. Vernon Ave. Viaduct Potholing

### Project Address
Mt. Vernon Ave., San Bernardino, Ca. 92410

### Client Company
Psomas

### Contact
Cliff Simental

### Pothole No.
2

### Location
North West Corner of Mt Vernon & 2nd St.

#### Surface Type
Asphalt

#### Thickness
0.5 (feet)

#### Profile View (not to scale)

#### Measured Distance from Finished Surface

### PHYSICAL SWING TIE INFORMATION

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
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<tbody>
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<td>1</td>
<td>26.20</td>
<td>SE</td>
<td>Comm Ped</td>
</tr>
<tr>
<td>2</td>
<td>30.70</td>
<td>NE</td>
<td>Traffic Signal</td>
</tr>
<tr>
<td>3</td>
<td>66.60</td>
<td>SE</td>
<td>Water Meter</td>
</tr>
</tbody>
</table>

### HAND SKETCH

#### Notes:
- Swing ties from Pk Nail
- Gas line T's off South at pothole location

---

<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
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<tbody>
<tr>
<td>2</td>
<td>Gas</td>
<td>3</td>
<td>Wrapped Steel</td>
<td>3.50</td>
<td>E/W,S</td>
<td>NW corner of Mt. Vernon &amp; 2nd St.</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Comments:
**POTHOLING DATA SHEET**

**Technician Name:** Jaime Martinez  
**Date:** 02/06/2014  
**C Below Project No.:** 2024

**Project Name:** Mt. Vernon Ave. Viaduct Potholing  
**Project Address:** Mt. Vernon Ave., San Bernardino, Ca. 92410

**Client Company:** Psomas  
**Contact:** Cliff Simental

**Pothole No.:** 3  
**Location:** South West Corner of Mt Vernon and 3rd Street

**Surface Type:** Soil  
**Thickness:** N/A (feet)

**Top:** 2.70 (feet)  
**Bottom:** Unknown (feet)  
**Size:** Unknown (in)  
**Utility:** Electric  
**Material:** Concrete Encasement  
**Direction:** N/S

**Notes:**
- (2) ground wires found at pothole location. See pictures for detail
- 2ft wide concrete encasement.

**PHYSICAL SWING TIE INFORMATION**

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
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<tbody>
<tr>
<td>1</td>
<td>3.30</td>
<td>NW</td>
<td>Street Light</td>
</tr>
<tr>
<td>2</td>
<td>30.30</td>
<td>SW</td>
<td>Water Valve #1</td>
</tr>
<tr>
<td>3</td>
<td>37.80</td>
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**HAND SKETCH**

![Hand Sketch Image]
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<th>No.</th>
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<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
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<tbody>
<tr>
<td>3</td>
<td>Electric</td>
<td>Unknown</td>
<td>Concrete Encasement</td>
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<td>N/S</td>
<td>SW corner of Mt. Vernon &amp; 3rd St.</td>
<td>Soil</td>
</tr>
</tbody>
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Comments:

Photo 1

Photo 2

Photo 3

Photo 4
**Technician Name**
Jaime Martinez

**Date**
05/06/2014

**C Below Project No.**
2024

**Project Name**
Mt. Vernon Ave. Viaduct Potholing

**Project Address**
Mt. Vernon Ave., San Bernardino, Ca. 92410

**Client Company**
Psomas

**Contact**
Cliff Simental

**Pothole No.**
4

**Location**
South of 3rd Street intersection on South Bound Lane of Mt Vernon

---

**Surface Type: Concrete**

**Thickness:** 0.40 (feet)

**Profile View (not to scale)**

**Measured Distance from Finished Surface**

---

**Notes:**

- Swing Ties from PK Nail

---

**PHYSICAL SWING TIE INFORMATION**

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
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<tbody>
<tr>
<td>1</td>
<td>8.10</td>
<td>N</td>
<td>Water Valve #2</td>
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<tr>
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<td>13.90</td>
<td>NE</td>
<td>Street Light</td>
</tr>
<tr>
<td>3</td>
<td>12.30</td>
<td>SW</td>
<td>Water Valve #1</td>
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**HAND SKETCH**
<table>
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<th>No.</th>
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<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
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</thead>
<tbody>
<tr>
<td>4</td>
<td>Sewer</td>
<td>8</td>
<td>Concrete</td>
<td>5.04</td>
<td>N/S</td>
<td>South of 3rd St. intersection on SB lane of Mt. Vernon</td>
<td>Concrete</td>
</tr>
</tbody>
</table>

**Comments:**

![Photo 1](image1.jpg) ![Photo 2](image2.jpg) ![Photo 3](image3.jpg) ![Photo 4](image4.jpg)
Technician Name: Jaime Martinez  
Date: 05/06/2014  
C Below Project No.: 2024

Project Name: Mt. Vernon Ave. Viaduct Potholing  
Client Company: Psomas

Pothole No.: 5  
Location: East on Intersection of Mt. Vernon and 3rd, on East Lane of 3rd Street

Surface Type: Concrete  
Thickness: 0.30 (feet)

<table>
<thead>
<tr>
<th>Top</th>
<th>(feet)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>3.60</td>
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<table>
<thead>
<tr>
<th>Bottom</th>
<th>(feet)</th>
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<table>
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<th>Size</th>
<th>(in)</th>
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<table>
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<th>Utility</th>
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<td>Water</td>
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</table>

<table>
<thead>
<tr>
<th>Direction</th>
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<tr>
<td>N/S</td>
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</table>

Notes:

- Swing Ties from Pk Nail
- Second utility found at pothole location. See Pothole 5a for more information

### PHYSICAL SWING TIE INFORMATION

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>21.20</td>
<td>NW</td>
<td>Water Valve #1</td>
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<tr>
<td>2</td>
<td>35.10</td>
<td>NE</td>
<td>Street Light</td>
</tr>
<tr>
<td>3</td>
<td>10.00</td>
<td>SE</td>
<td>Sewer MH</td>
</tr>
<tr>
<td>No.</td>
<td>Utility</td>
<td>Size (in)</td>
<td>Material</td>
</tr>
<tr>
<td>-----</td>
<td>----------</td>
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</tr>
<tr>
<td>5</td>
<td>Water</td>
<td>12</td>
<td>Steel</td>
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</table>

Comments:

![Photo 1](image1.png)
![Photo 2](image2.png)
![Photo 3](image3.png)
![Photo 4](image4.png)
**Technician Name:** Jaime Martinez  
**Date:** 05/06/2014

**Project Name:** Mt. Vernon Ave. Viaduct Potholing  
**Project Address:** Mt. Vernon Ave., San Bernardino, Ca. 92410

**Client Company:** Psomas  
**Contact:** Cliff Simental

**Pothole No.:** 5a  
**Location:** East on Intersection of Mt. Vernon and 3rd, on East Lane of 3rd Street

<table>
<thead>
<tr>
<th>Surface Type</th>
<th>Concrete</th>
<th>Thickness</th>
<th>0.30 (feet)</th>
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**Measured Distance from Finished Surface**

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
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<tbody>
<tr>
<td>1</td>
<td>21.20</td>
<td>NW</td>
<td>Water Valve #1</td>
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<td>35.10</td>
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</tr>
<tr>
<td>3</td>
<td>10.00</td>
<td>SE</td>
<td>Sewer MH</td>
</tr>
</tbody>
</table>

**Notes:**

- Swing Ties from PK Nail

---

**PHYSICAL SWING TIE INFORMATION**

---

**HAND SKETCH**
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
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<tbody>
<tr>
<td>5a</td>
<td>Water</td>
<td>2</td>
<td>Steel</td>
<td>3.30</td>
<td>W</td>
<td>East on intersection of Mt. Vernon &amp; 3rd St. on East lane of 3rd St.</td>
<td>Concrete</td>
</tr>
</tbody>
</table>

**Comments:**

[Photo 1](#) [Photo 2](#) [Photo 3](#) [Photo 4](#)
Technician Name: Jaime Martinez
Date: 05/06/2014

C Below Project No.: 2024

---

Project Name:
Mt. Vernon Ave. Viaduct Potholing

Project Address:
Mt. Vernon Ave., San Bernardino, CA. 92410

Client Company:
Psomas

Contact:
Cliff Simental

---

Pothole No.: 6

Location:
South on 3rd St. on Sidewalk East of Mt Vernon

---

Surface Type: Concrete
Thickness: 0.40 (feet)

Profile View (not to scale)
Measured Distance from Finished Surface

Notes:

• Swing Ties from PK Nail

---

PHYSICAL SWING TIE INFORMATION

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
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<tr>
<td>3</td>
<td>80.40</td>
<td>NE</td>
<td>Street Light</td>
</tr>
</tbody>
</table>

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HAND SKETCH

---

2024 Mt. Vernon Ave. Viaduct Potholing
www.cbelow.com
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Water</td>
<td>8</td>
<td>Steel</td>
<td>4.10</td>
<td>E/W</td>
<td>South on 3rd St. on sidewalk East of Mt. Vernon</td>
<td>Concrete</td>
</tr>
</tbody>
</table>

Comments:

Photo 1

Photo 2

Photo 3

Photo 4
Notes:

- As-built shows Sewer next to electric, Pothole was trenched in an attempt to find adjacent sewer line. The sewer was not found at this location.
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Electric</td>
<td>Unknown</td>
<td>Concrete Encasement</td>
<td>2.90</td>
<td>N/S</td>
<td>At Gate Entrance North of Mt. Vernon Frontage Rd.</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Comments:

Photo 1

Photo 2

Photo 3

Photo 4
### TECHNICAL INFORMATION

**Technician Name:** Jaime Martinez  
**Date:** 05/08/2014  
**C Below Project No.:** 2024  

**Project Name:** Mt. Vernon Ave. Viaduct Potholing  
**Project Address:** Mt. Vernon Ave., San Bernardino, Ca. 92410  

**Client Company:** Psomas  
**Contact:** Cliff Simental  

**Pothole No.:** 8  
**Location:** North Ending of Mt Vernon Frontage Rd. at Train Tracks  

**Surface Type:** Asphalt  
**Thickness:** 0.30 (feet)  

**Measured Distance from Finished Surface**

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>12.50</td>
<td>SE</td>
<td>Street Light</td>
</tr>
<tr>
<td>2</td>
<td>1.60</td>
<td>N</td>
<td>PB 2002 Control Point</td>
</tr>
<tr>
<td>3</td>
<td>110.70</td>
<td>NE</td>
<td>Storm Drain Grate</td>
</tr>
</tbody>
</table>

**Notes:**
- Per Sean Smith request pothole 8 was labeled Dry Hole, after several attempts to locate utility line.
- Pothole was performed at existing DigAlert sewer marks.

### PHYSICAL SWING TIE INFORMATION

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>12.50</td>
<td>SE</td>
<td>Street Light</td>
</tr>
<tr>
<td>2</td>
<td>1.60</td>
<td>N</td>
<td>PB 2002 Control Point</td>
</tr>
<tr>
<td>3</td>
<td>110.70</td>
<td>NE</td>
<td>Storm Drain Grate</td>
</tr>
<tr>
<td>No.</td>
<td>Utility</td>
<td>Size (in)</td>
<td>Material</td>
</tr>
<tr>
<td>-----</td>
<td>-------------</td>
<td>-----------</td>
<td>----------</td>
</tr>
<tr>
<td>8</td>
<td>Dry Hole</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Comments:**

Photo 1

Photo 2

Photo 3

Photo 4
**Potholing Data Sheet**

**Technician Name:** Jaime Martinez  
**Date:** 05/08/2014  
**C Below Project No.:** 2024

**Project Name:** Mt. Vernon Ave. Viaduct Potholing  
**Project Address:** Mt. Vernon Ave., San Bernardino, Ca. 92410

**Client Company:** Psomas  
**Contact:** Cliff Simental

**Pothole No.:** 9  
**Location:** Walk Path from Parking Lot Under Bridge

<table>
<thead>
<tr>
<th>Surface Type</th>
<th>Thickness</th>
<th>Measured Distance from Finished Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt</td>
<td>0.20</td>
<td></td>
</tr>
</tbody>
</table>

**PHYSICAL SWING TIE INFORMATION**

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>13.50</td>
<td>SE</td>
<td>Street Light</td>
</tr>
<tr>
<td>2</td>
<td>12.70</td>
<td>NE</td>
<td>PB 2002 Control Point</td>
</tr>
<tr>
<td>3</td>
<td>122.70</td>
<td>NE</td>
<td>Storm Drain Grate</td>
</tr>
</tbody>
</table>

**Notes:**

**TOP:**
- Top: 3.32 (feet)

**BOTTOM:**
- Bottom: 4.32 (feet)

**SIZE:**
- Size: 12 (in)

**UTILITY:**
- Water

**MATERIAL:**
- Steel

**DIRECTION:**
- N/S

---

**PHYSICAL SWING TIE INFORMATION**

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>13.50</td>
<td>SE</td>
<td>Street Light</td>
</tr>
<tr>
<td>2</td>
<td>12.70</td>
<td>NE</td>
<td>PB 2002 Control Point</td>
</tr>
<tr>
<td>3</td>
<td>122.70</td>
<td>NE</td>
<td>Storm Drain Grate</td>
</tr>
</tbody>
</table>

**HAND SKETCH**

---

**SUBSURFACE IMAGING**

**BELOW**

14280 EUCLID AVE., CHINO, CA 91710  
OFFICE: (888) 902-3569  
FAX: (909) 606-6555
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Water</td>
<td>12</td>
<td>Steel</td>
<td>3.32</td>
<td>N/S</td>
<td>Walk Path from Parking Lot Under Bridge</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Comments:

Photos:
- Photo 1
- Photo 2
- Photo 3
- Photo 4
POTHOLING DATA SHEET

Technician Name: Jaime Martinez
Date: 05/05/2014
C Below Project No.: 2024

Project Name: Mt. Vernon Ave. Viaduct Potholing
Project Address: Mt. Vernon Ave., San Bernardino, Ca. 92410

Client Company: Psomas
Contact: Cliff Simental

Pothole No.: 10
Location: West Under Mt. Vernon Ave. Bridge

Surface Type: Asphalt
Thickness: 1.00 (feet)

Profile View (not to scale)
Measured Distance from Finished Surface

Top: 5.24 (feet)
Bottom: 6.62 (feet)
Size: N/A (in)
Utility: Electric
Material: Concrete Encasement
Direction: N/S

Notes:
• 1.7ft wide concrete encasement found at 13.5ft West of staked location.
• Pothole performed at stake location. See Sketch below for pothole location

PHYSICAL SWING TIE INFORMATION

HAND SKETCH
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Electric</td>
<td>Unknown</td>
<td>Concrete Encasement</td>
<td>5.24</td>
<td>N/S</td>
<td>SW under Mt. Vernon Ave. Bridge</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Comments:

Photo 1  
Photo 2  
Photo 3  
Photo 4
POTHOLING DATA SHEET

Technician Name: Jaime Martinez
Date: 05/05/2014
C Below Project No: 2024

Project Name: Mt. Vernon Ave. Viaduct Potholing
Project Address: Mt. Vernon Ave., San Bernardino, Ca. 92410

Client Company: Psomas
Contact: Cliff Simental

Pothole No: 11
Location: East Under Mt. Vernon Ave. Bridge

Surface Type: Asphalt
Thickness: 1.00 (feet)

Notes:
- Pothole performed at stake location. See Sketch below for pothole location
- Storm Drain possible encased in concrete. See pictures for details.

PHYSICAL SWING TIE INFORMATION

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
</table>

HAND SKETCH
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Storm Drain</td>
<td>42</td>
<td>Concrete</td>
<td>3.00</td>
<td>N/S</td>
<td>SE under Mt. Vernon Ave. Bridge</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Comments:

![Photo 1](image1.png)

![Photo 2](image2.png)

![Photo 3](image3.png)

![Photo 4](image4.png)
• 12" Water line was located 2ft West of Staked location.

• See Sketch below for pothole location
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Water</td>
<td>12</td>
<td>Steel</td>
<td>4.00</td>
<td>N/S</td>
<td>West under Mt. Vernon Ave. Bridge</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Photo 1

Photo 2

Photo 3

Photo 4

Comments:
Notes:

- Pothole performed at stake location. See Sketch below for pothole location
- Second Utility found at pothole location. See Pothole 14a for information

PHYSICAL SWING TIE INFORMATION

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir. From Permanent Existing Fixture</th>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir. From Permanent Existing Fixture</th>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir. From Permanent Existing Fixture</th>
</tr>
</thead>
</table>

HAND SKETCH
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>Electric</td>
<td>20</td>
<td>Concrete Encasement</td>
<td>4.20</td>
<td>N/S</td>
<td>Under Mt. Vernon Ave Bridge</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

**Comments:**
Potholing Data Sheet

Technician Name: Jaime Martinez  
Date: 05/05/2014  
C Below Project No.: 2024

Project Name: Mt. Vernon Ave. Viaduct Potholing  
Project Address: Mt. Vernon Ave., San Bernardino, Ca. 92410

Client Company: Psomas  
Contact: Cliff Simental

Pothole No.: 14a  
Location: Under Mt. Vernon Ave. Bridge

Surface Type: Asphalt  
Thickness: 0.50 (feet)

Profile View (not to scale)

Measured Distance from Finished Surface

Notes:

• Pothole performed at stake location. See Sketch below for pothole location

PHYSICAL SWING TIE INFORMATION

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HAND SKETCH

[Sketch of pothole location and measurements]
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>14a</td>
<td>Unknown</td>
<td>3</td>
<td>Steel</td>
<td>2.94</td>
<td>N/S</td>
<td>Under Mt. Vernon Ave Bridge</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Comments:

Photo 1

Photo 2

Photo 3

Photo 4
POTHOLING DATA SHEET

Technician Name: Jaime Martinez
Date: 05/05/2014
C Below Project No.: 2024

Project Name: Mt. Vernon Ave. Viaduct Potholing
Project Address: Mt. Vernon Ave., San Bernardino, Ca. 92410
Client Company: Psomas
Contact: Cliff Simental

Pothole No.: 15
Location: West Under Mt. Vernon Ave. Bridge

Surface Type: Asphalt
Thickness: 0.50 (feet)

Top: 4.02 (feet)
Bottom: ≈5.35 (feet)
Size: ≈16 (in)
Utility: Unknown Possibly Water
Material: Steel
Direction: N/S

Profile View (not to scale)

Notes:
• Pothole performed at stake location. See Sketch below for pothole location
• No Electrical found at pothole stake location.

PHYSICAL SWING TIE INFORMATION

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HAND SKETCH

2024 Mt. Vernon Ave. Viaduct Potholing

www.cbelow.com
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>Unknown</td>
<td>16</td>
<td>Steel</td>
<td>4.02</td>
<td>N/S</td>
<td>North West Under Mt Vernon Ave. Bridge</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Comments:

Photo 1

Photo 2

Photo 3

Photo 4
POTHOLING DATA SHEET

Technician Name: Jaime Martinez
Date: 05/09/2014
C Below Project No.: 2024

Project Name: Mt. Vernon Ave. Viaduct Potholing
Project Address: Mt. Vernon Ave., San Bernardino, Ca. 92410
Client Company: Psomas
Contact: Cliff Simental

Pothole No.: 16
Location: North Bound Mt. Vernon

Surface Type: Asphalt
Thickness: 0.56 (feet)

Profile View (not to scale)
Measured Distance from Finished Surface

Top: 0.56 (feet)
Bottom: N/A (feet)
Size: Unknown (in)
Utility: Electric
Material: Concrete Encasement
Direction: N/S

Notes:
• Unable to verify bottom of encasement.

PHYSICAL SWING TIE INFORMATION

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>25.30</td>
<td>S</td>
<td>Edison MH</td>
</tr>
<tr>
<td>2</td>
<td>9.10</td>
<td>W</td>
<td>East Face of Curb</td>
</tr>
<tr>
<td>3</td>
<td>40.70</td>
<td>E</td>
<td>West Face of Curb</td>
</tr>
</tbody>
</table>

HAND SKETCH
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>Electric</td>
<td>Unknown</td>
<td>Concrete Encasement</td>
<td>0.56</td>
<td>N/S</td>
<td>North Bound Mt Vernon #2 Lane</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Photo 1

Photo 2

Photo 3

Photo 4

Comments:
**POTHOLE DATA SHEET**

**Technician Name**: Jaime Martinez  
**Date**: 05/08/2014  
**Project Name**: Mt. Vernon Ave. Viaduct Potholing  
**Project Address**: Mt. Vernon Ave., San Bernardino, Ca. 92410  
**Client Company**: Psomas  
**Contact**: Cliff Simental  

**Pothole No.**: 17  
**Location**: South Bound Mt. Vernon Shoulder Before Bridge

**Surface Type**: Soil  
**Thickness**: N/A (feet)

**Profile View (not to scale)**  
**Measured Distance from Finished Surface**

**Top**: 2.90 (feet)  
**Bottom**: 4.23 (feet)  
**Size**: 16 (in)  
**Utility**: Water  
**Material**: Steel  
**Direction**: E/W

**Notes:**

---

**PHYSICAL SWING TIE INFORMATION**

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>16.20</td>
<td>NE</td>
<td>Water Meter</td>
</tr>
<tr>
<td>2</td>
<td>30.80</td>
<td>W</td>
<td>Water Valve</td>
</tr>
<tr>
<td>3</td>
<td>65.10</td>
<td>SW</td>
<td>Gas Valve</td>
</tr>
</tbody>
</table>

**HAND SKETCH**
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>Water</td>
<td>16</td>
<td>Steel</td>
<td>2.90</td>
<td>E/W</td>
<td>South Bound Mt. Vernon Shoulder Before Bridge</td>
<td>Soil</td>
</tr>
</tbody>
</table>

Comments:
**POTHOLING DATA SHEET**

**Technician Name**: Jaime Martinez  
**Date**: 05/08/2014  
**C Below Project No.**: 2024

- **Project Name**: Mt. Vernon Ave. Viaduct Potholing  
- **Project Address**: Mt. Vernon Ave., San Bernardino, Ca. 92410  
- **Client Company**: Psomas  
- **Contact**: Cliff Simental  
- **Pothole No.**: 18  
- **Location**: South Bound Mt. Vernon Before Bridge in Shoulder

**Surface Type**: Soil  
**Thickness**: N/A (feet)  
**Profile View (not to scale)**  
**Measured Distance from Finished Surface**

**Top**: 4.82 (feet)  
**Bottom**: 5.49 (feet)  
**Size**: 8 (in)  
**Utility**: HP Gas  
**Material**: Wrapped Steel  
**Direction**: NE/SW

**Notes**:  
- Slotted trench 3ft. South to find additional 2" line shown on plan. Went 6ft. deep, no line was found.

---

**PHYSICAL SWING TIE INFORMATION**

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6.50</td>
<td>NW</td>
<td>Gas Valve</td>
</tr>
<tr>
<td>2</td>
<td>21.80</td>
<td>SE</td>
<td>Street Light</td>
</tr>
<tr>
<td>3</td>
<td>66.20</td>
<td>SW</td>
<td>Storm Drain</td>
</tr>
</tbody>
</table>

**HAND SKETCH**
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>HP Gas</td>
<td>8</td>
<td>Wrapped Steel</td>
<td>4.82</td>
<td>NE/SW</td>
<td>South Bound Mt. Vernon Before Bridge in Shoulder</td>
<td>Soil</td>
</tr>
</tbody>
</table>

Comments:

Photo 1

Photo 2

Photo 3

Photo 4
## Pothole Data Sheet

### Technician Name
Jaime Martinez

### Date
05/08/2014

### C Below Project No.
2024

### Project Name
Mt. Vernon Ave. Viaduct Potholing

### Project Address
Mt. Vernon Ave., San Bernardino, Ca. 92410

### Client Company
Pomas

### Contact
Cliff Simental

### Pothole No.
19

### Location
Sidewalk of Mt. Vernon South Before Bridge

### Surface Type
Concrete

### Thickness
0.40 (feet)

### Measured Distance from Finished Surface

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>27.30</td>
<td>NE</td>
<td>Street Light</td>
</tr>
<tr>
<td>2</td>
<td>27.50</td>
<td>NW</td>
<td>Gas Valve</td>
</tr>
<tr>
<td>3</td>
<td>38.30</td>
<td>SW</td>
<td>Storm Drain</td>
</tr>
</tbody>
</table>

### Notes:

### Physical Swing Tie Information

### Hand Sketch

![Hand Sketch](image-url)
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>Water</td>
<td>6</td>
<td>Steel</td>
<td>3.96</td>
<td>NE/SW</td>
<td>Side Walk of Mt. Vernon</td>
<td>Concrete</td>
</tr>
</tbody>
</table>

Comments:
**Technician Name:** Jaime Martinez  
**Date:** 05/09/2014  
**C Below Project No.:** 2024

**Project Name:** Mt. Vernon Ave. Viaduct Potholing  
**Project Address:** Mt. Vernon Ave., San Bernardino, Ca. 92410

**Client Company:** Psomas  
**Contact:** Cliff Simental

**Pothole No.:** 20

**Location:** #2 Lane South Bound Mt. Vernon at 4th Street

---

### Surface Type: Asphalt  
**Thickness:** 0.50 (feet)

### Physical Swing Tie Information

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>39.20</td>
<td>NE</td>
<td>Storm Drain</td>
</tr>
<tr>
<td>2</td>
<td>36.40</td>
<td>SE</td>
<td>Water Meter</td>
</tr>
<tr>
<td>3</td>
<td>86.20</td>
<td>SE</td>
<td>Street Light</td>
</tr>
</tbody>
</table>

---

**Notes:**

- Second gas line at pothole 20a

---

**Hand Sketch**
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Gas</td>
<td>8</td>
<td>Poly</td>
<td>3.00</td>
<td>N/S</td>
<td>#2 Lane South Bound Mt Vernon at 4th Street</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Comments:

![Photo 1](image1.png)

![Photo 2](image2.png)

![Photo 3](image3.png)

![Photo 4](image4.png)
**Technician Name**: Jaime Martinez  
**Date**: 05/09/2014  
**C Below Project No.**: 2024

**Project Name**: Mt. Vernon Ave. Viaduct Potholing  
**Project Address**: Mt. Vernon Ave., San Bernardino, Ca. 92410

**Client Company**: Psomas  
**Contact**: Cliff Simental

**Pothole No.**: 20a  
**Location**: #2 Lane South Bound Mt. Vernon at 4th Street

**Surface Type**: Asphalt  
**Thickness**: 0.50 (feet)

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>39.20</td>
<td>NE</td>
<td>Storm Drain</td>
</tr>
<tr>
<td>2</td>
<td>36.40</td>
<td>SE</td>
<td>Water Meter</td>
</tr>
<tr>
<td>3</td>
<td>86.20</td>
<td>SE</td>
<td>Street Light</td>
</tr>
</tbody>
</table>

**Notes:**

**PHYSICAL SWING TIE INFORMATION**

**HAND SKETCH**
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>20a</td>
<td>Gas</td>
<td>4</td>
<td>Steel</td>
<td>3.90</td>
<td>N/S</td>
<td>#2 Lane South Bound Mt Vernon at 4th Street</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Comments:

Photo 1  
Photo 2  
Photo 3  
Photo 4
Technician Name: Jaime Martinez
Date: 05/09/2014
C Below Project No.: 2024

Project Name: Mt. Vernon Ave. Viaduct Potholing
Project Address: Mt. Vernon Ave., San Bernardino, Ca. 92410
Client Company: Pomas
Contact: Cliff Simental
Pothole No.: 21
Location: South West Corner of Kingman & Mt Vernon

Surface Type: Concrete
Thickness: 0.30 (feet)

Notes:

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>63.20</td>
<td>N</td>
<td>Water Meter</td>
</tr>
<tr>
<td>2</td>
<td>10.20</td>
<td>NW</td>
<td>Street Light</td>
</tr>
<tr>
<td>3</td>
<td>11.10</td>
<td>SE</td>
<td>Hydrant</td>
</tr>
</tbody>
</table>

PHYSICAL SWING TIE INFORMATION

HAND SKETCH
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>Water</td>
<td>1</td>
<td>Steel</td>
<td>2.00</td>
<td>N/S</td>
<td>South West Corner of Kingman &amp; Mt Vernon</td>
<td>Concrete</td>
</tr>
</tbody>
</table>

Comments:

![Photo 1](image1)
![Photo 2](image2)
![Photo 3](image3)
![Photo 4](image4)
# Potholing Data Sheet

<table>
<thead>
<tr>
<th>Technician Name</th>
<th>Date</th>
<th>Project Name</th>
<th>Location</th>
<th>Surface Type</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jaime Martinez</td>
<td>05/09/2014</td>
<td>Mt. Vernon Ave. Viaduct Potholing</td>
<td>East Bound Kingman Before Mt. Vernon</td>
<td>Asphalt</td>
<td>0.30 (feet)</td>
</tr>
</tbody>
</table>

## Physical Swing Tie Information

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
<th>Notes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>25.60</td>
<td>NE</td>
<td>Pole #1170753E</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>25.80</td>
<td>S</td>
<td>Water Meter</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>120.30</td>
<td>NW</td>
<td>Hydrant</td>
<td></td>
</tr>
</tbody>
</table>

## Hand Sketch

![Hand Sketch Image]

---

**Contact Information:**
- **Office:** (888) 902-3569
- **Fax:** (909) 606-6555

---

**Client Company:**
- **Psomas**

---

**Utility:**
- **Water**

---

**Material:**
- **Steel**

---

**Direction:**
- **E/W**
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>Water</td>
<td>6</td>
<td>Steel</td>
<td>2.98</td>
<td>E/W</td>
<td>East Bound Kingman Before Mt. Vernon</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Comments:

![Photo 1](image1)

![Photo 2](image2)

![Photo 3](image3)

![Photo 4](image4)
### Technician Name
Jaime Martinez

### Date
05/09/2014

### C Below Project No.
2024

### Project Name
Mt. Vernon Ave. Viaduct Potholing

### Project Address
Mt. Vernon Ave., San Bernardino, Ca. 92410

### Client Company
Psomas

### Contact
Cliff Simental

### Pothole No.
23

### Location
West Bound Kingman West of Mt. Vernon

### Surface Type
Asphalt

### Thickness
0.30 (feet)

### Measured Distance from Finished Surface (not to scale)

#### Top
- 3.14 (feet)

#### Bottom
- 3.39 (feet)

#### Size
- 3 (in)

### Utility
Gas

### Material
Steel

### Direction
E/W

---

#### PHYSICAL SWING TIE INFORMATION

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>42.20</td>
<td>NE</td>
<td>Pole #1170753E</td>
</tr>
<tr>
<td>2</td>
<td>5.70</td>
<td>SE</td>
<td>Water Meter</td>
</tr>
<tr>
<td>3</td>
<td>120.20</td>
<td>NW</td>
<td>Hydrant</td>
</tr>
</tbody>
</table>

---

#### HAND SKETCH
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>Gas</td>
<td>3</td>
<td>Steel</td>
<td>3.14</td>
<td>E/W</td>
<td>West Bound Kingman West of Mt. Vernon</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Comments:

![Photo 1](image1)
![Photo 2](image2)
![Photo 3](image3)
![Photo 4](image4)
**POTHOLING DATA SHEET**

**Technician Name**
Jaime Martinez

**Date**
05/09/2014

**C Below Project No.**
2024

**Project Name**
Mt. Vernon Ave. Viaduct Potholing

**Project Address**
Mt. Vernon Ave., San Bernardino, Ca. 92410

**Client Company**
Pomas

**Contact**
Cliff Simental

**Pothole No.**
24

**Location**
#2 Lane North Bound Mt. Vernon

**Surface Type:**
Asphalt

**Thickness:**
0.40 (feet)

---

**Profile View (not to scale)**

**Measured Distance from Finished Surface**

---

**Notes:**

- 2 Lines running parallel

---

**PHYSICAL SWING TIE INFORMATION**

<table>
<thead>
<tr>
<th>No.</th>
<th>Distance (ft)</th>
<th>Dir.</th>
<th>From Permanent Existing Fixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6.80</td>
<td>SE</td>
<td>Edison MH (N)</td>
</tr>
<tr>
<td>2</td>
<td>47.80</td>
<td>SW</td>
<td>Street Light</td>
</tr>
<tr>
<td>3</td>
<td>69.50</td>
<td>NE</td>
<td>Edison MH (S)</td>
</tr>
</tbody>
</table>

---

**HAND SKETCH**
<table>
<thead>
<tr>
<th>No.</th>
<th>Utility</th>
<th>Size (in)</th>
<th>Material</th>
<th>Top Depth (ft)</th>
<th>Direction</th>
<th>Location</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>Electric</td>
<td>(2) 4</td>
<td>Steel</td>
<td>5.00</td>
<td>NW/SE</td>
<td>#2 Lane North Bound Mt Vernon</td>
<td>Asphalt</td>
</tr>
</tbody>
</table>

Comments:

Photo 1

Photo 2

Photo 3

Photo 4