

Utility Locating  
Radiography  
Potholing  
Mapping  
GPR



**BELOW**  
SUBSURFACE IMAGING

Date:  
Technician:  
Project Name:  
Project Address:  
C Below Project No.

May 8, 2014  
Jaime Martinez  
Mt. Vernon Ave. Viaduct Potholing  
Mt. Vernon Ave., San Bernardino, Ca. 92410  
2024

pothole report

[www.cbelow.com](http://www.cbelow.com)

**1-888-90-BELOW**

14280 Euclid Ave.  
Chino, CA 91710

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

### Project Summary

No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
1	Water	8	Steel	3.00	E/W	South side on 2nd St. East of Mt. Vernon	Asphalt
2	Gas	3	Wrapped Steel	3.50	E/W,S	NW corner of Mt. Vernon & 2nd St.	Asphalt
3	Electric	Unknown	Concrete Encasement	2.70	N/S	SW corner of Mt. Vernon & 3rd St.	Soil
4	Sewer	8	Clay	5.04	N/S	South of 3rd St. intersection on SB lane of Mt. Vernon	Concrete
5	Water	12	Steel	3.60	N/S	East on intersection of Mt. Vernon & 3rd St. on East lane of 3rd. St.	Concrete
5a	Water	2	Steel	3.30	W	East on intersection of Mt. Vernon & 3rd St. on East lane of 3rd. St.	Concrete
6	Water	8	Steel	4.10	E/W	South on 3rd St. on sidewalk East of Mt. Vernon	Concrete
7	Electric	Unknown	Concrete Encasement	2.90	N/S	At Gate Entrance North of Mt. Vernon Frontage Rd.	Asphalt
8	Dry Hole	N/A	N/A	N/A	N/A	North End of Mt. Vernon Frontage Rd. At Train Tracks	Asphalt
9	Water	12	Steel	3.32	N/S	Walk Path from Parking Lot Under Bridge	Asphalt
10	Electric	Unknown	Concrete Encasement	5.24	N/S	Under Mt. Vernon Ave. Bridge	Asphalt
11	Storm Drain	42	Concrete	3.00	N/S	Under Mt. Vernon Ave. Bridge	Asphalt
12	Water	12	Steel	4.00	N/S	West under Mt. Vernon Ave. Bridge	Asphalt
13	Cancelled per contact						
14	Electric	20	Concrete Encasement	4.20	N/S	Under Mt. Vernon Ave Bridge	Asphalt
14a	Unknown	3	Steel	2.94	N/S	Under Mt. Vernon Ave Bridge	Asphalt
15	Unknown Possible water	≈ 16	Steel	4.02	N/S	West Under Mt Vernon Ave. Bridge	Asphalt

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.





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Chino, CA 91710  
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Date: **May 8, 2014**  
Technician: **Jaime Martinez**  
Project Name: **Mt. Vernon Ave. Viaduct Potholing**  
Project Address: **Mt. Vernon Ave., San Bernardino, Ca. 92410**  
C Below Project No. **2024**

#### Project Summary

No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
16	Electric	Unknown	Concrete Encasement	0.56	N/S	North Bound Mt Vernon #2 Lane	Asphalt
17	Water	16	Steel	2.90	E/W	South Bound Mt. Vernon Shoulder Before Bridge	Soil
18	HP Gas	8	Wrapped Steel	4.82	NE/SW	South Bound Mt. Vernon Before Bridge in Shoulder	Soil
19	Water	6	Steel	3.96	NE/SW	Side Walk of Mt. Vernon	Concrete
20	Gas	8	Poly	3.00	N/S	#2 Lane South Bound Mt Vernon at 4th Street	Asphalt
20a	Gas	4	Steel	3.90	N/S	#2 Lane South Bound Mt Vernon at 4th Street	Asphalt
21	Water	1	Steel	2.00	N/S	South West Corner of Kingman & Mt Vernon	Concrete
22	Water	6	Steel	2.98	E/W	East Bound Kingman Before Mt. Vernon	Asphalt
23	Gas	3	Steel	3.14	E/W	West Bound Kingman West of Mt. Vernon	Asphalt
24	Electric	(2) 4	Steel	5.00	NW/SE	#2 Lane North Bound Mt Vernon	Asphalt

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 Psomas		Contact Cliff Simental	
Pothole No. 1	Location South Side on 2nd East of Mt Vernon		

Surface Type:

Profile View (not to scale)

Measured Distance from Finished Surface

Thickness:  (feet)

Notes:

- Swing ties from PK Nail

Top:  (feet)

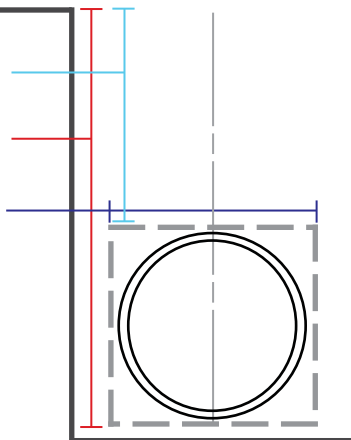
Bottom:  (feet)

Size:  (in)

Utility:

Material:

Direction:



### PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	30.10	SE	Water Meter	2	38.10	NW	Traffic Signal Pull Box	3	66.80	SW	Comm Ped

### HAND SKETCH



No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
1	Water	8	Steel	3.00	E/W	South side on 2nd St. East of Mt. Vernon	Asphalt



Photo 1



Photo 2



Photo 3



Photo 4

Comments:



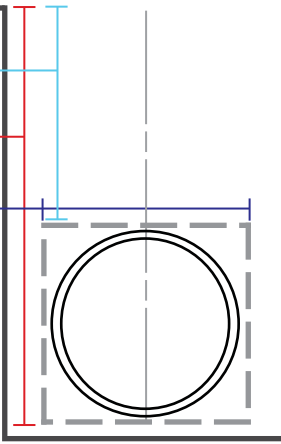


Technician Name Jaime Martinez		Date 05/06/2014	C Below Project No. 2024
Project Name Mt. Vernon Ave. Viaduct Potholing		Project Address Mt. Vernon Ave., San Bernardino, Ca. 92410	
Client Company Psomas		Contact Cliff Simental	
Pothole No. 2	Location North West Corner of Mt Vernon & 2nd St.		

Surface Type:  Profile View (not to scale)

Thickness:  (feet) Measured Distance from Finished Surface

Top:	<input type="text" value="3.50"/>	(feet)
Bottom:	<input type="text" value="3.75"/>	(feet)
Size:	<input type="text" value="3"/>	(in)
Utility:	<input type="text" value="Gas"/>	
Material:	<input type="text" value="Wrapped Steel"/>	
Direction:	<input type="text" value="E/W-S"/>	



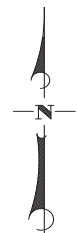
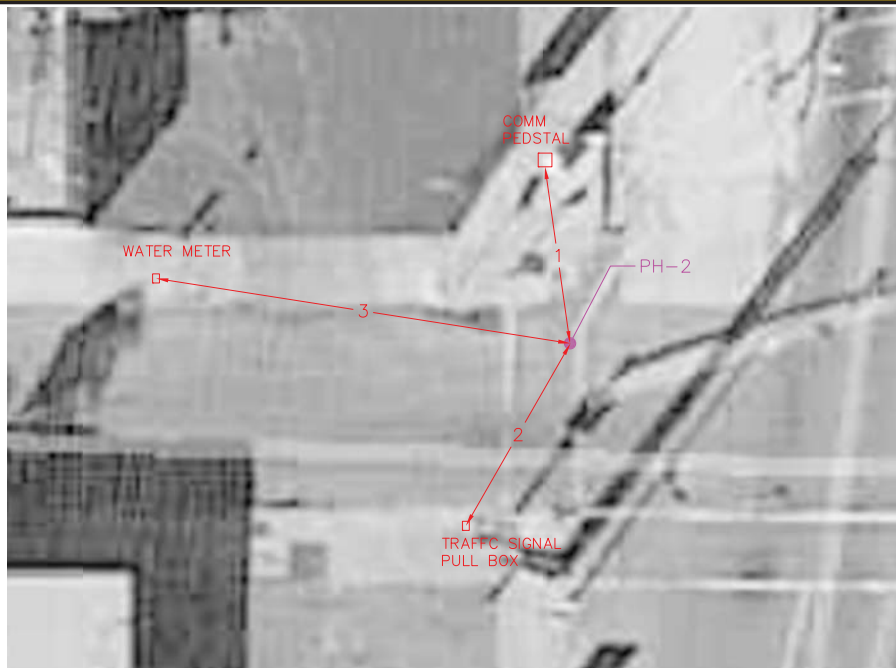
Notes:

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

### PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	26.20	SE	Comm Ped	2	30.70	NE	Traffic Signal	3	66.60	SE	Water Meter

### HAND SKETCH



No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
2	Gas	3	Wrapped Steel	3.50	E/W,S	NW corner of Mt. Vernon & 2nd St.	Asphalt



Photo 1



Photo 2



Photo 3



Photo 4

Comments:



Technician Name Jaime Martinez		Date 025/06/2014	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:  Profile View (not to scale)

Thickness:  (feet) Measured Distance from Finished Surface

Notes:

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

Top:  (feet)

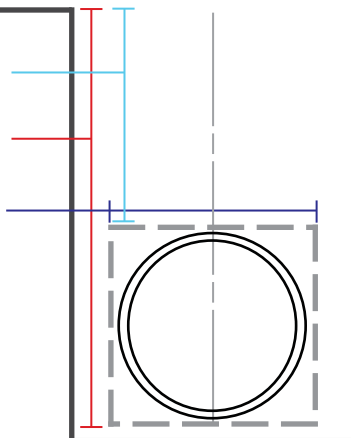
Bottom:  (feet)

Size:  (in)

Utility:

Material:

Direction:



### PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	3.30	NW	Street Light	2	30.30	SW	Water Valve #1	3	37.80	SW	Sewer MH

### HAND SKETCH





No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
3	Electric	Unknown	Concrete Encasement	2.70	N/S	SW corner of Mt. Vernon & 3rd St.	Soil



Photo 1



Photo 2



Photo 3



Photo 4

Comments:

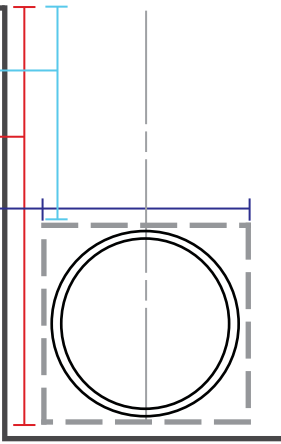


Technician Name Jaime Martinez		Date 05/06/2014	C Below Project No. 2024
Project Name Mt. Vernon Ave. Viaduct Potholing		Project Address Mt. Vernon Ave., San Bernardino, Ca. 92410	
Client Company Psomas		Contact Cliff Simental	
Pothole No. 4	Location South of 3rd Street intersection on South Bound Lane of Mt Vernon		

Surface Type:  Profile View (not to scale)

Thickness:  (feet) Measured Distance from Finished Surface

Top:	<input type="text" value="5.04"/>	(feet)
Bottom:	<input type="text" value="5.71"/>	(feet)
Size:	<input type="text" value="8"/>	(in)
Utility:	<input type="text" value="Sewer"/>	
Material:	<input type="text" value="Clay"/>	
Direction:	<input type="text" value="N/S"/>	



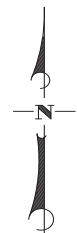
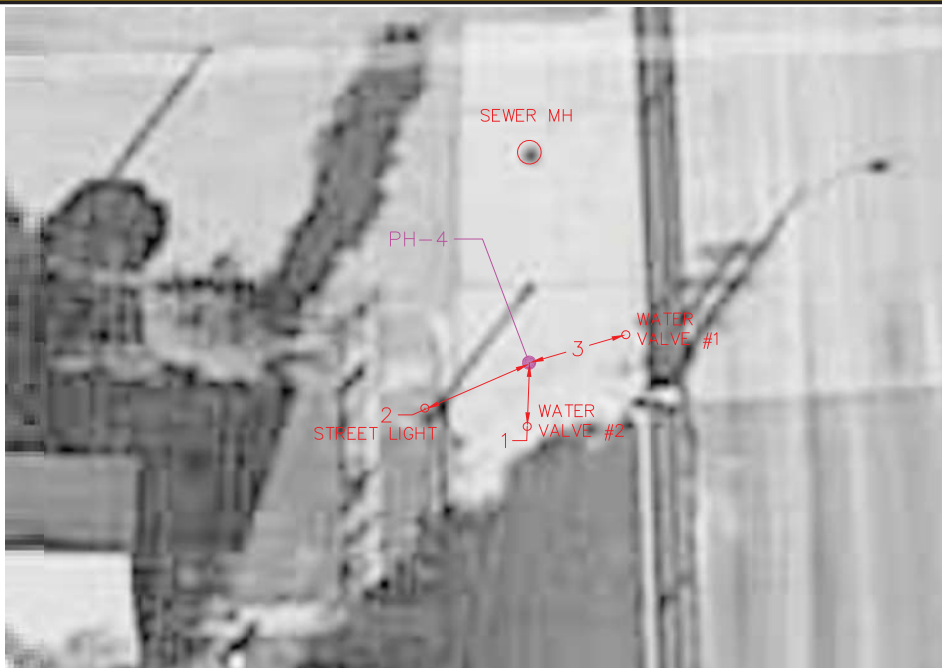
Notes:

- Swing Ties from PK Nail

## PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	8.10	N	Water Valve #2	2	13.90	NE	Street Light	3	12.30	SW	Water Valve #1

## HAND SKETCH





No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
4	Sewer	8	Concrete	5.04	N/S	South of 3rd St. intersection on SB lane of Mt. Vernon	Concrete



Photo 1



Photo 2

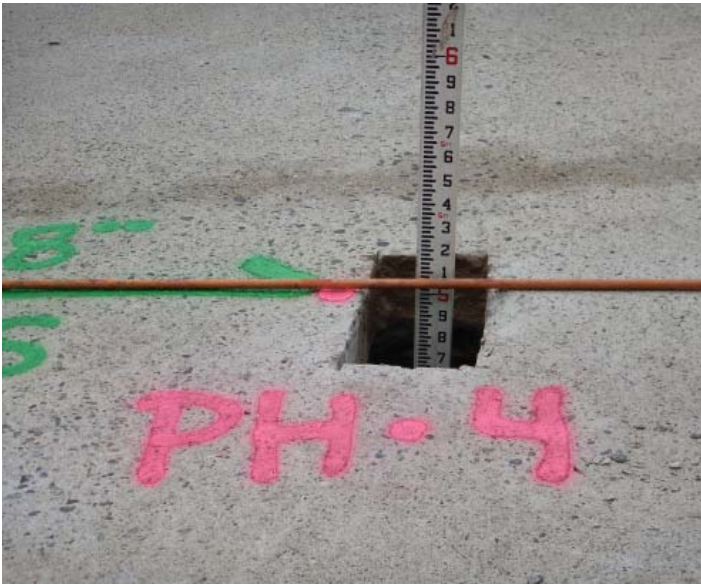


Photo 3



Photo 4

Comments:



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. 5	Location East on Intersection of Mt. Vernon and 3rd, on East Lane of 3rd Street		

Surface Type:  Profile View (not to scale)

Thickness:  (feet) Measured Distance from Finished Surface

Notes:

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

Top:  (feet)

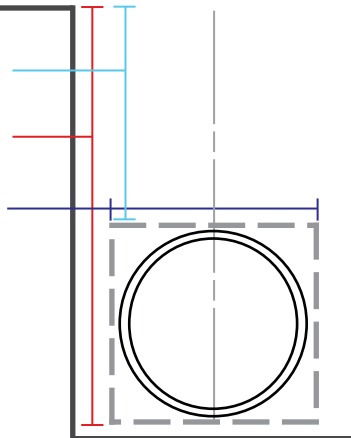
Bottom:  (feet)

Size:  (in)

Utility:

Material:

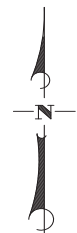
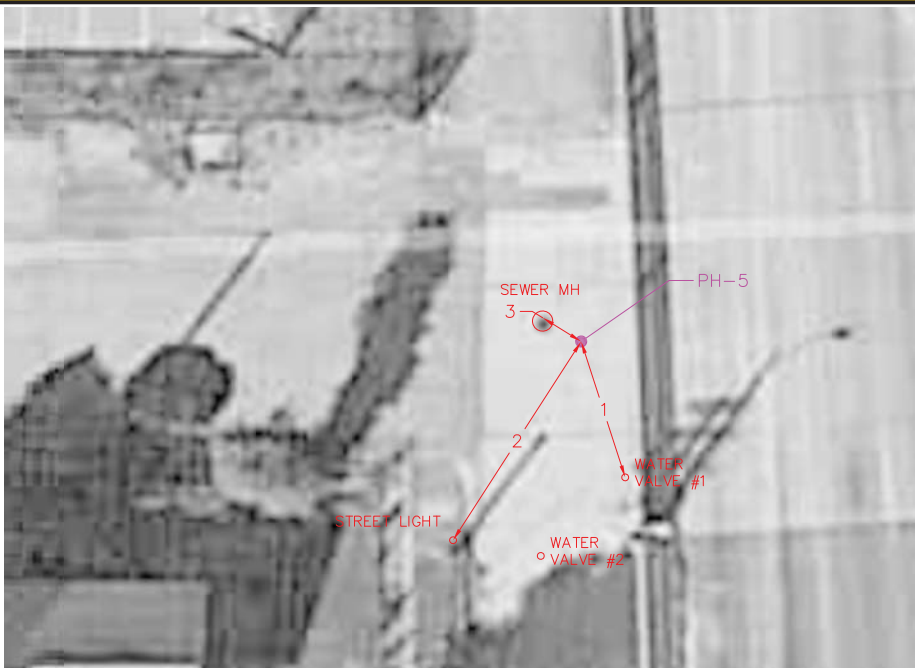
Direction:



### PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	21.20	NW	Water Valve #1	2	35.10	NE	Street Light	3	10.00	SE	Sewer MH

### HAND SKETCH





No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
5	Water	12	Steel	3.60	N/S	East on intersection of Mt. Vernon & 3rd St. on East lane of 3rd. St.	Concrete



Photo 1



Photo 2



Photo 3



Photo 4

Comments:



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. 5a	Location East on Intersection of Mt. Vernon and 3rd, on East Lane of 3rd Street		

Surface Type:

Profile View (not to scale)

Measured Distance from Finished Surface

Thickness:  (feet)

Notes:

- Swing Ties from PK Nail

Top:  (feet)

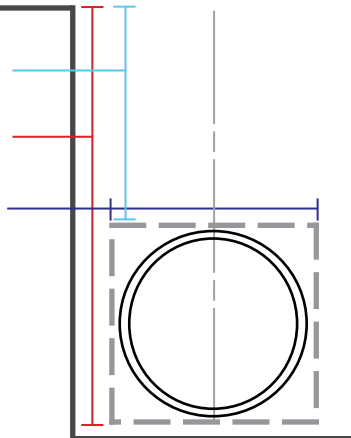
Bottom:  (feet)

Size:  (in)

Utility:

Material:

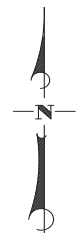
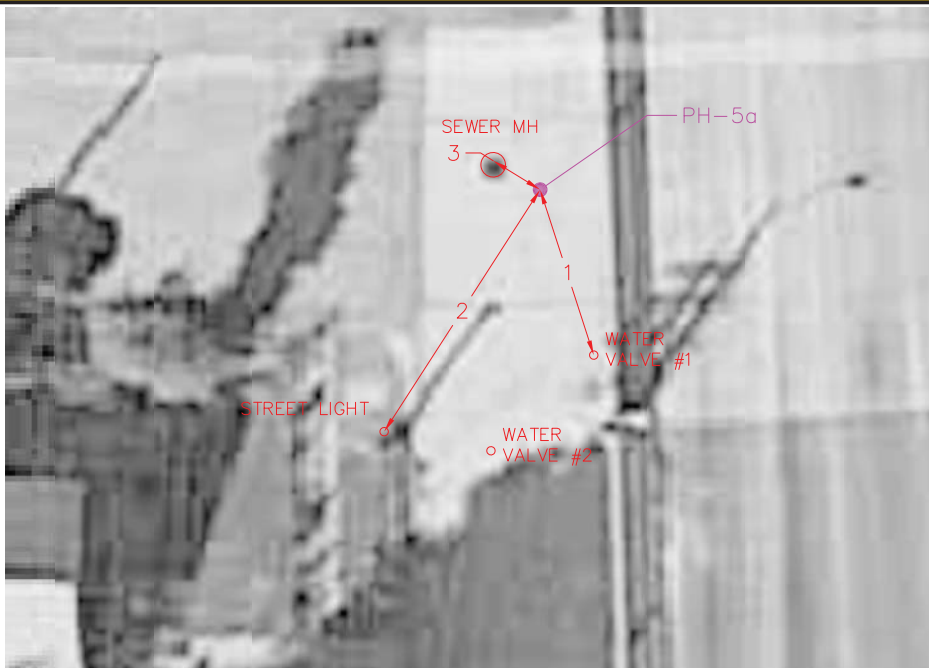
Direction:



### PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	21.20	NW	Water Valve #1	2	35.10	NE	Street Light	3	10.00	SE	Sewer MH

### HAND SKETCH





No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
5a	Water	2	Steel	3.30	W	East on intersection of Mt. Vernon & 3rd St. on East lane of 3rd. St.	Concrete



Photo 1



Photo 2



Photo 3



Photo 4

Comments:



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

Thickness:  (feet)

Top:  (feet)

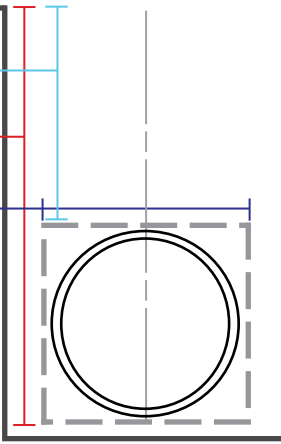
Bottom:  (feet)

Size:  (in)

Utility:

Material:

Direction:



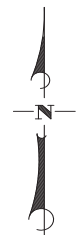
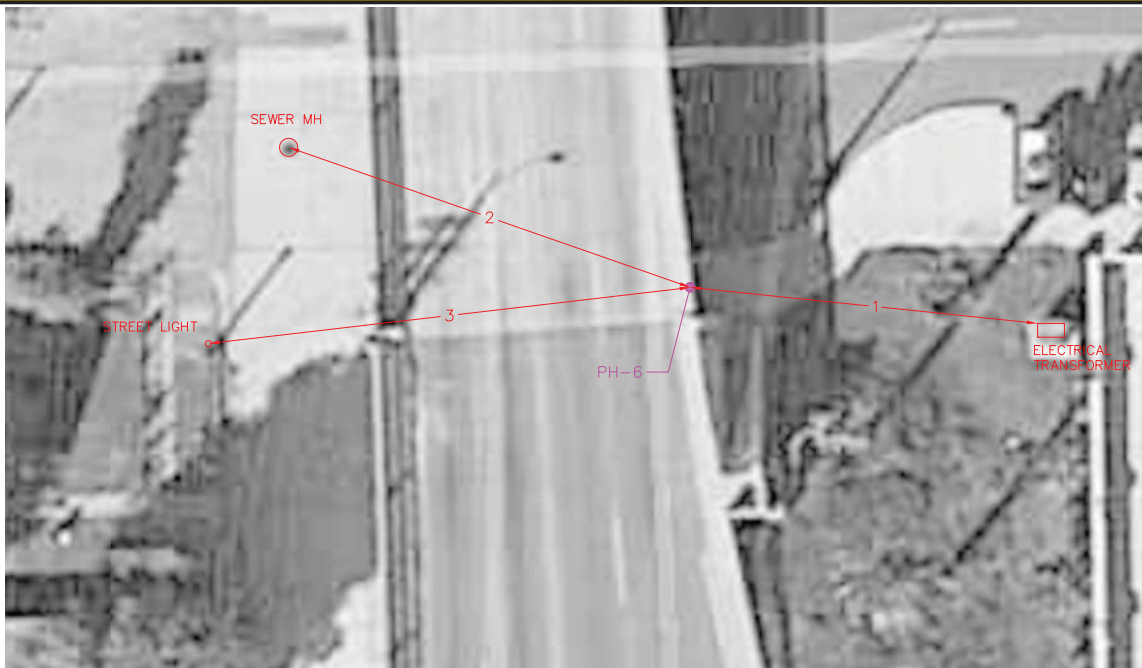
Notes:

- Swing Ties from PK Nail

## PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	58.60	NW	Electric Transformer	2	70.50	SE	Sewer MH	3	80.40	NE	Street Light

## HAND SKETCH





No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
6	Water	8	Steel	4.10	E/W	South on 3rd St. on sidewalk East of Mt. Vernon	Concrete



Photo 1



Photo 2



Photo 3



Photo 4

Comments:



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. 7	Location At Gate Entrance Northern of Mt. Vernon Frontage Rd.		

Surface Type:  Profile View (not to scale)

Thickness:  (feet) Measured Distance from Finished Surface

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.

Top:  (feet)

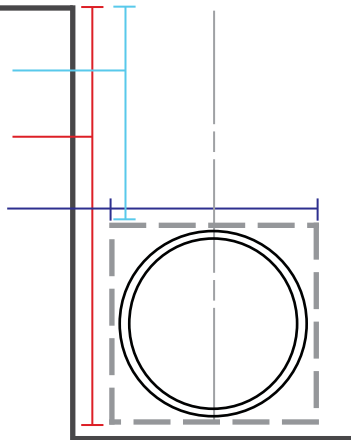
Bottom:  (feet)

Size:  (in)

Utility:

Material:

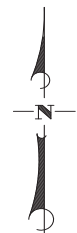
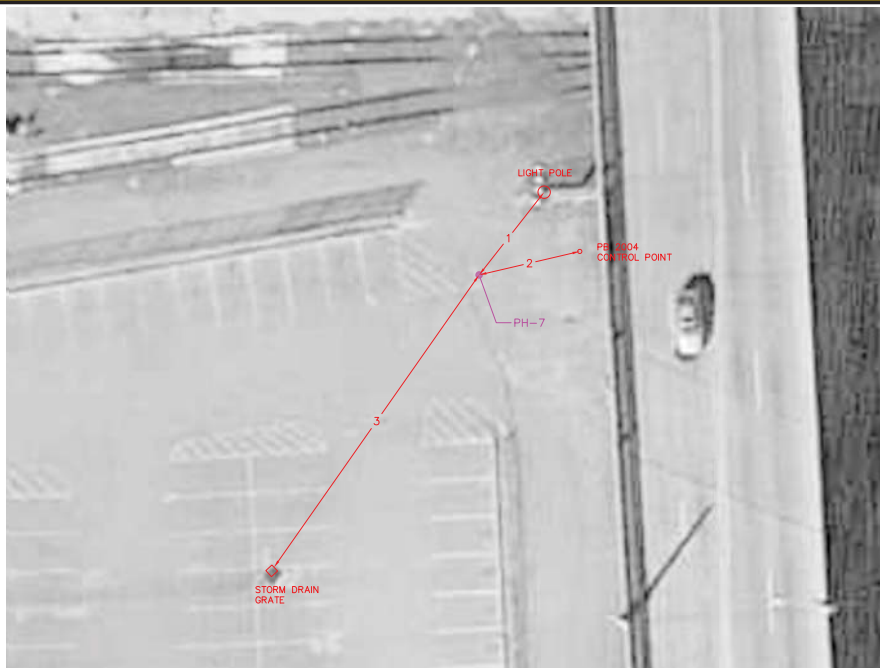
Direction:



### PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	28.40	SW	Street Light	2	25.00	SW	PB 2002 Control Point	3	90.80	NE	Storm Drain Grate

### HAND SKETCH





No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
7	Electric	Unknown	Concrete Encasement	2.90	N/S	At Gate Entrance North of Mt. Vernon Frontage Rd.	Asphalt



Photo 1



Photo 2



Photo 3



Photo 4

Comments:

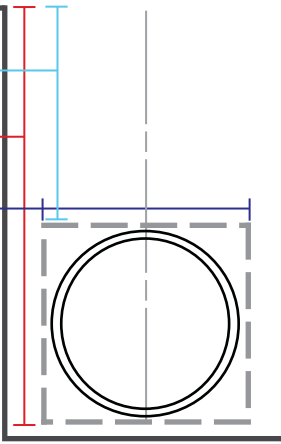


Technician Name Jaime Martinez		Date 05/08/2014	C Below Project No. 2024
Project Name Mt. Vernon Ave. Viaduct Potholing		Project Address Mt. Vernon Ave., San Bernardino, Ca. 92410	
Client Company Psomas		Contact Cliff Simental	
Pothole No. 8	Location North Ending of Mt Vernon Frontage Rd. at Train Tracks		

Surface Type:  Profile View (not to scale)

Thickness:  (feet) Measured Distance from Finished Surface

Top:	<input type="text" value="N/A"/>	(feet)
Bottom:	<input type="text" value="6.00"/>	(feet)
Size:	<input type="text" value="N/A"/>	(in)
Utility:	<input type="text" value="Dry Hole"/>	
Material:	<input type="text" value="N/A"/>	
Direction:	<input type="text" value="N/A"/>	



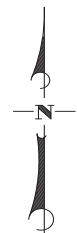
## Notes:

- 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

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	12.50	SE	Street Light	2	1.60	N	PB 2002 Control Point	3	110.70	NE	Storm Drain Grate

## HAND SKETCH





No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
8	Dry Hole	N/A	N/A	N/A	N/A	North End of Mt. Vernon Frontage Rd. At Train Tracks	Asphalt



Photo 1



Photo 2



Photo 3



Photo 4

Comments:







No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
9	Water	12	Steel	3.32	N/S	Walk Path from Parking Lot Under Bridge	Asphalt



Photo 1



Photo 2



Photo 3



Photo 4

Comments:



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:  Profile View (not to scale)

Thickness:  (feet) Measured Distance from Finished Surface

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

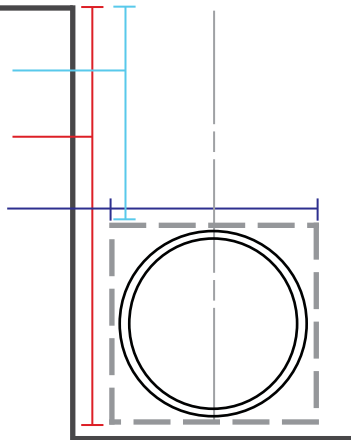
Top:  (feet)

Bottom:  (feet)

Size:  (in)

Utility: 

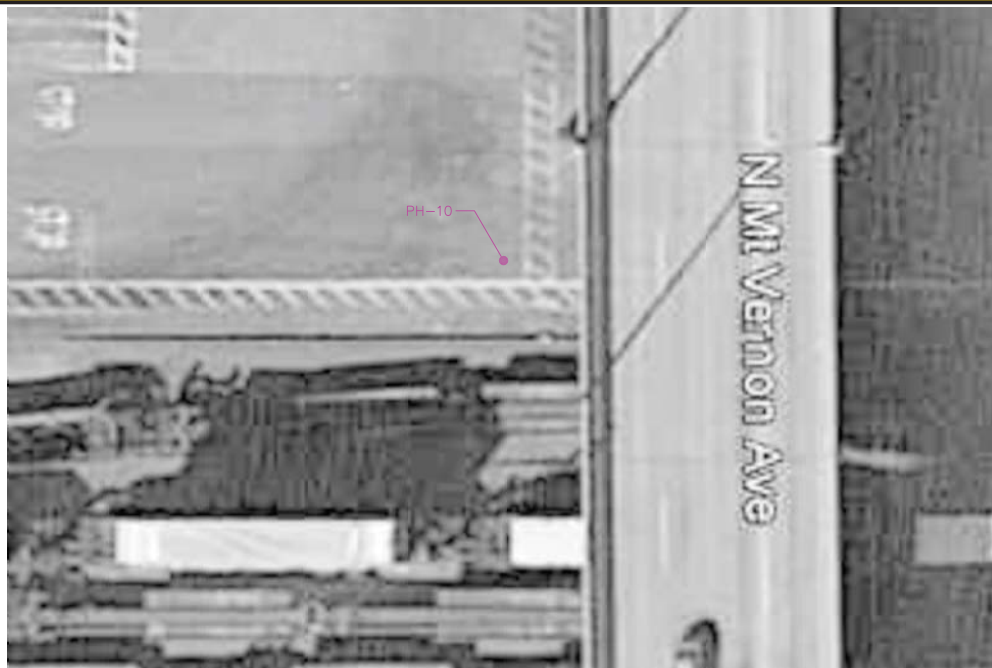
Material: 

Direction: 


## PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture

## HAND SKETCH





No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
10	Electric	Unknown	Concrete Encasement	5.24	N/S	SW under Mt. Vernon Ave. Bridge	Asphalt



Photo 1



Photo 2



Photo 3



Photo 4

Comments:



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:       Profile View (not to scale)

Thickness:  (feet)      Measured Distance from Finished Surface

Top:  (feet)

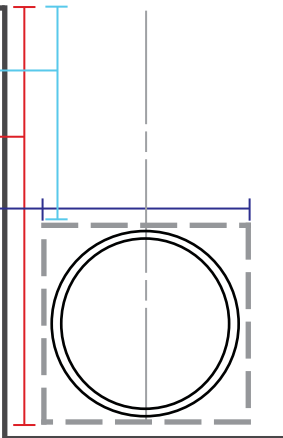
Bottom:  (feet)

Size:  (in)

Utility:

Material:

Direction:



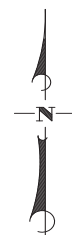
Notes:

- 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

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture

### HAND SKETCH





No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
11	Storm Drain	42	Concrete	3.00	N/S	SE under Mt. Vernon Ave. Bridge	Asphalt



Photo 1



Photo 2



Photo 3



Photo 4

Comments:



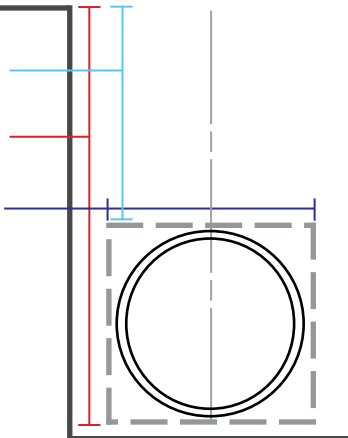


Technician Name Jaime Martinez		Date 05/05/2014	C Below Project No. 2024
Project Name Mt. Vernon Ave. Viaduct Potholing		Project Address Mt. Vernon Ave., San Bernardino, Ca. 92410	
Client Company Psomas		Contact Cliff Simental	
Pothole No. 12	Location West Under Mt. Vernon Ave. Bridge		

Surface Type:  Profile View (not to scale)

Thickness:  (feet) Measured Distance from Finished Surface

Top:	<input type="text" value="4.00"/>	(feet)
Bottom:	<input type="text" value="5.00"/>	(feet)
Size:	<input type="text" value="12"/>	(in)
Utility:	<input type="text" value="Water"/>	
Material:	<input type="text" value="Steel"/>	
Direction:	<input type="text" value="N/S"/>	



Notes:

- 12" Water line was located 2ft West of Staked location.
- See Sketch below for pothole location

### PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture

### HAND SKETCH



No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
12	Water	12	Steel	4.00	N/S	West under Mt. Vernon Ave. Bridge	Asphalt



Photo 1



Photo 2



Photo 3

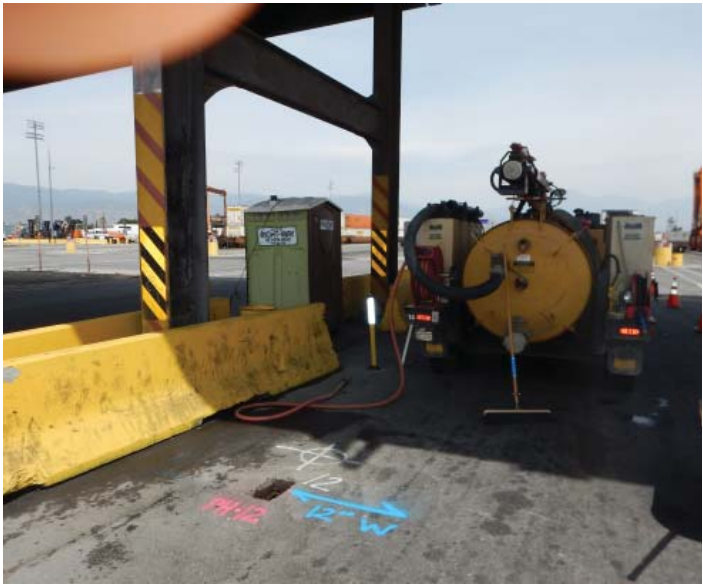


Photo 4

Comments:



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. 14	Location Under Mt. Vernon Ave. Bridge		

Surface Type:       Profile View (not to scale)  
 Thickness:  (feet)      Measured Distance from Finished Surface

Top:  (feet)

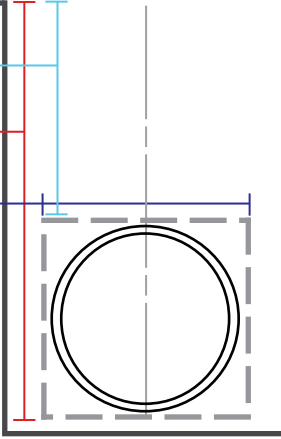
Bottom:  (feet)

Size:  (in)

Utility:

Material:

Direction:



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

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture

### HAND SKETCH





No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
14	Electric	20	Concrete Encasement	4.20	N/S	Under Mt. Vernon Ave Bridge	Asphalt



Photo 1



Photo 2



Photo 3

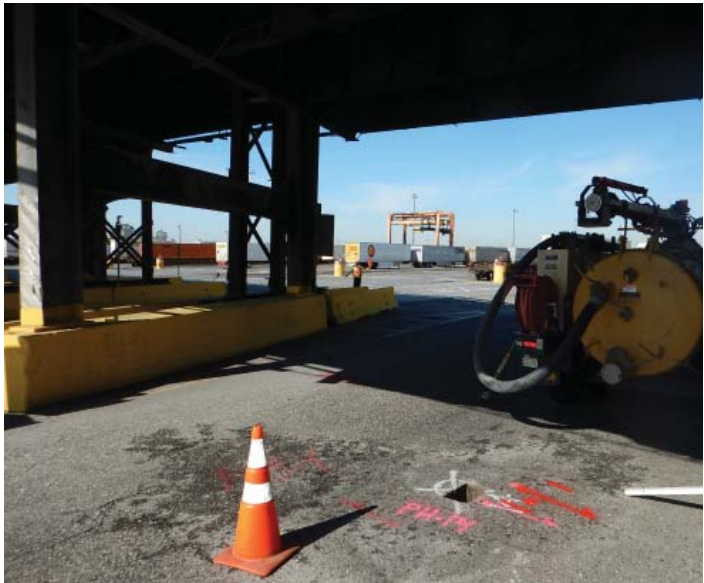


Photo 4

Comments:



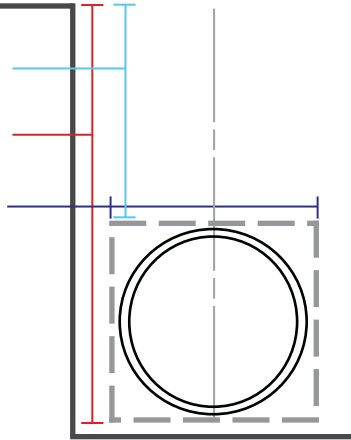
Technician Name Jaime Martinez		Date 05/05/2014	C Below Project No. 2024
Project Name Mt. Vernon Ave. Viaduct Potholing		Project Address Mt. Vernon Ave., San Bernardino, Ca. 92410	
Client Company Psomas		Contact Cliff Simental	
Pothole No. 14a	Location Under Mt. Vernon Ave. Bridge		

Surface Type:       Profile View (not to scale)  
 Thickness:  (feet)      Measured Distance from Finished Surface

Notes:

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

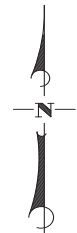
Top:  (feet)  
 Bottom:  (feet)  
 Size:  (in)  
 Utility:   
 Material:   
 Direction:



### PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture

### HAND SKETCH





No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
14a	Unknown	3	Steel	2.94	N/S	Under Mt. Vernon Ave Bridge	Asphalt



Photo 1



Photo 2



Photo 3

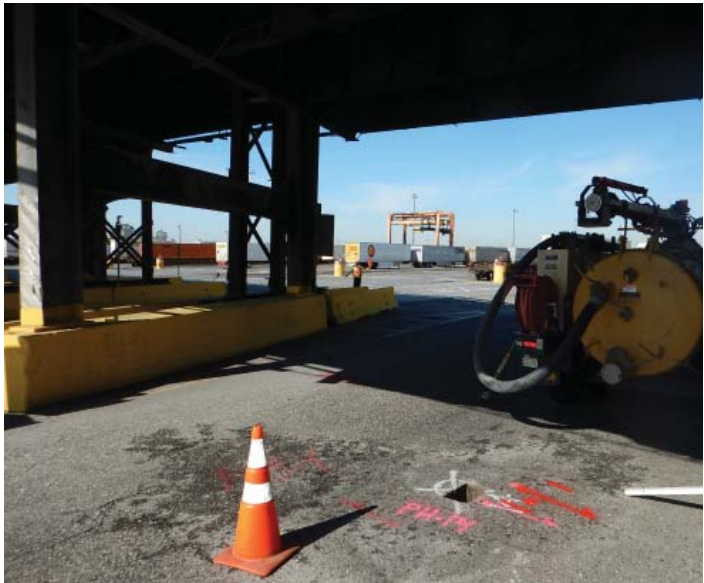


Photo 4

Comments:





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: 

Profile View (not to scale)

Measured Distance from Finished Surface

Thickness:  (feet)

Notes:

- Pothole performed at stake location. See Sketch below for pothole location
- No Electrical found at pothole stake location.

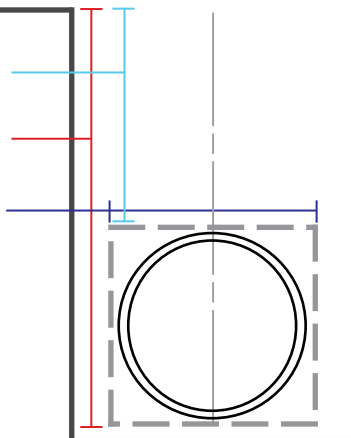
Top:  (feet)

Bottom:  (feet)

Size:  (in)

Utility:   

Material: 

Direction: 


### PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture

### HAND SKETCH



No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
15	Unknown Possible water	≈ 16	Steel	4.02	N/S	North West Under Mt Vernon Ave. Bridge	Asphalt



Photo 1



Photo 2



Photo 3



Photo 4

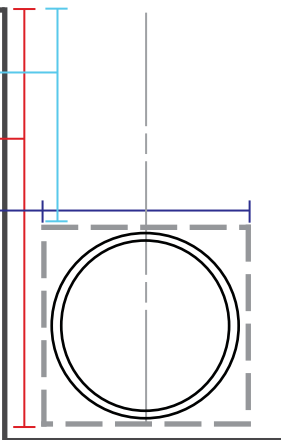
Comments:



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. 16	Location North Bound Mt. Vernon		

Surface Type:       Profile View (not to scale)  
 Thickness:  (feet)      Measured Distance from Finished Surface

Top:	<input type="text" value="0.56"/>	(feet)
Bottom:	<input type="text" value="N/A"/>	(feet)
Size:	<input type="text" value="Unknown"/>	(in)
Utility:	<input type="text" value="Electric"/>	
Material:	<input type="text" value="Concrete Encasement"/>	
Direction:	<input type="text" value="N/S"/>	



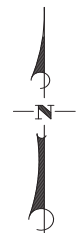
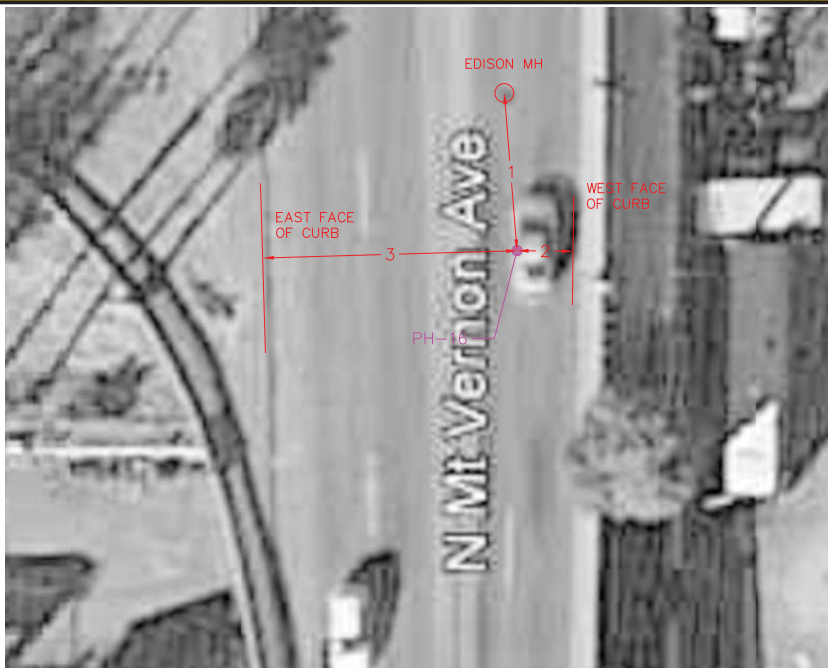
Notes:

- Unable to verify bottom of encasement.

### PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	25.30	S	Edison MH	2	9.10	W	East Face of Curb	3	40.70	E	West Face of Curb

### HAND SKETCH





No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
16	Electric	Unknown	Concrete Encasement	0.56	N/S	North Bound Mt Vernon #2 Lane	Asphalt



Photo 1



Photo 2



Photo 3



Photo 4

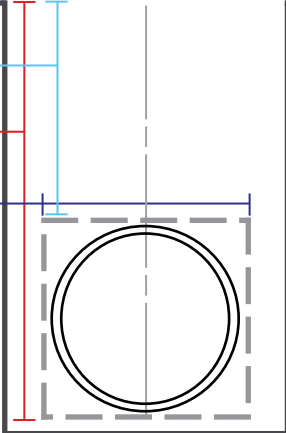
Comments:



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. 17	Location South Bound Mt. Vernon Shoulder Before Bridge		

Surface Type:       Profile View (not to scale)

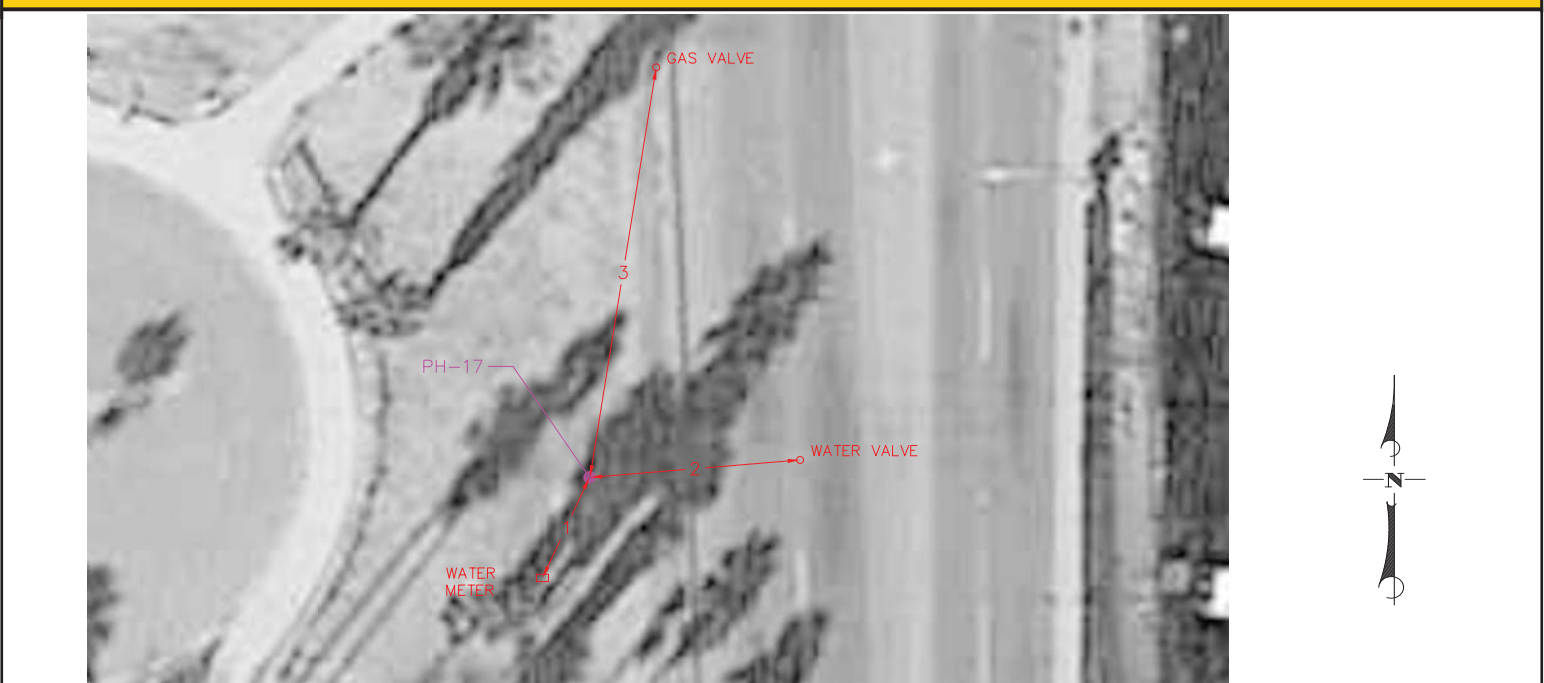
Thickness:  (feet)      Measured Distance from Finished Surface

Top: <input type="text" value="2.90"/> (feet)		<p>Notes:</p> <table border="1"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>										
Bottom: <input type="text" value="4.23"/> (feet)												
Size: <input type="text" value="16"/> (in)												
Utility: <input type="text" value="Water"/>												
Material: <input type="text" value="Steel"/>												
Direction: <input type="text" value="E/W"/>												

### PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	16.20	NE	Water Meter	2	30.80	W	Water Valve	3	65.10	SW	Gas Valve

### HAND SKETCH





No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
17	Water	16	Steel	2.90	E/W	South Bound Mt. Vernon Shoulder Before Bridge	Soil



Photo 1



Photo 2



Photo 3



Photo 4

Comments:



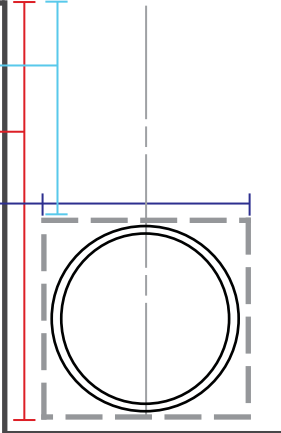


Technician Name Jaime Martinez		Date 05/08/2014	C Below Project No. 2024
Project Name Mt. Vernon Ave. Viaduct Potholing		Project Address Mt. Vernon Ave., San Bernardino, Ca. 92410	
Client Company Psomas		Contact Cliff Simental	
Pothole No. 18	Location South Bound Mt. Vernon Before Bridge in Shoulder		

Surface Type:  Profile View (not to scale)

Thickness:  (feet) Measured Distance from Finished Surface

Top:	<input type="text" value="4.82"/>	(feet)
Bottom:	<input type="text" value="5.49"/>	(feet)
Size:	<input type="text" value="8"/>	(in)
Utility:	<input type="text" value="HP Gas"/>	
Material:	<input type="text" value="Wrapped Steel"/>	
Direction:	<input type="text" value="NE/SW"/>	



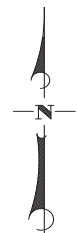
Notes:

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

### PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	6.50	NW	Gas Valve	2	21.80	SE	Street Light	3	66.20	SW	Storm Drain

### HAND SKETCH



No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
18	HP Gas	8	Wrapped Steel	4.82	NE/SW	South Bound Mt. Vernon Before Bridge in Shoulder	Soil



Photo 1



Photo 2



Photo 3



Photo 4

Comments:







No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
19	Water	6	Steel	3.96	NE/SW	Side Walk of Mt. Vernon	Concrete



Photo 1



Photo 2



Photo 3



Photo 4

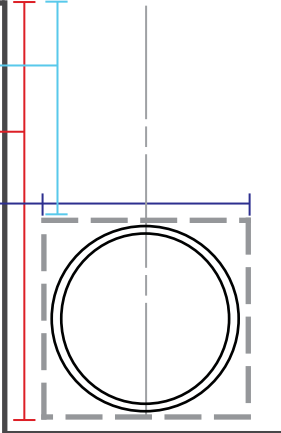
Comments:



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

Top:	<input type="text" value="3.00"/>	(feet)
Bottom:	<input type="text" value="3.67"/>	(feet)
Size:	<input type="text" value="8"/>	(in)
Utility:	<input type="text" value="Gas"/>	
Material:	<input type="text" value="Poly"/>	
Direction:	<input type="text" value="N/S"/>	



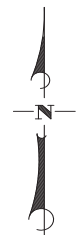
Notes:

- Second gas line at pothole 20a

### PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	39.20	NE	Storm Drain	2	36.40	SE	Water Meter	3	86.20	SE	Street Light

### HAND SKETCH



No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
20	Gas	8	Poly	3.00	N/S	#2 Lane South Bound Mt Vernon at 4th Street	Asphalt



Photo 1



Photo 2



Photo 3



Photo 4

Comments:







No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
20a	Gas	4	Steel	3.90	N/S	#2 Lane South Bound Mt Vernon at 4th Street	Asphalt



Photo 1



Photo 2



Photo 3



Photo 4

Comments:







No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
21	Water	1	Steel	2.00	N/S	South West Corner of Kingman & Mt Vernon	Concrete



Photo 1



Photo 2



Photo 3



Photo 4

Comments:







No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
22	Water	6	Steel	2.98	E/W	East Bound Kingman Before Mt. Vernon	Asphalt



Photo 1



Photo 2



Photo 3



Photo 4

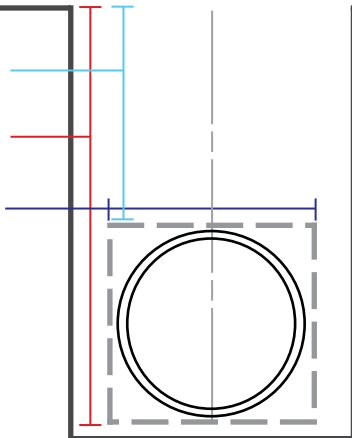
Comments:





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. 23	Location West Bound Kingman West of Mt. Vernon		

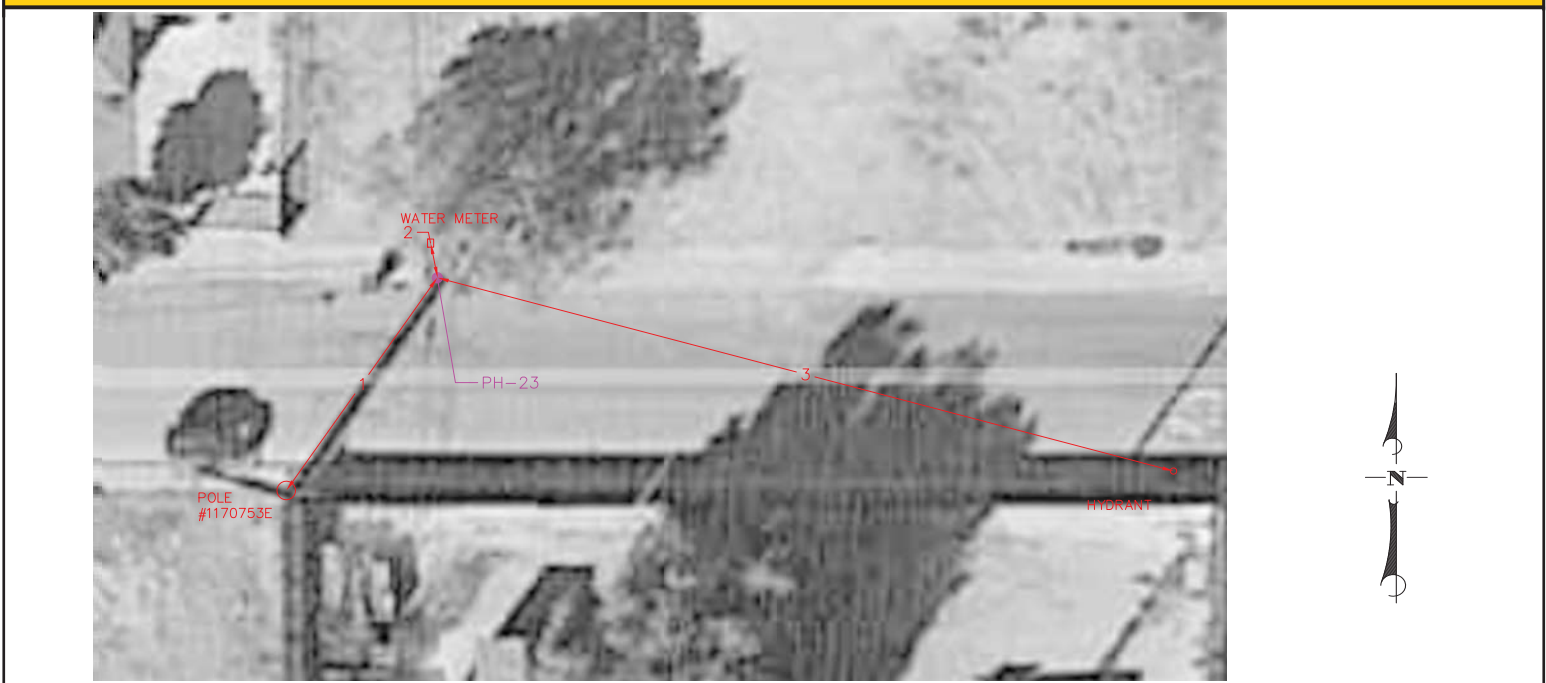
Surface Type:       Profile View (not to scale)  
 Thickness:  (feet)      Measured Distance from Finished Surface

Top: <input type="text" value="3.14"/> (feet)		Notes: <table border="1"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>										
Bottom: <input type="text" value="3.39"/> (feet)												
Size: <input type="text" value="3"/> (in)												
Utility: <input type="text" value="Gas"/>												
Material: <input type="text" value="Steel"/>												
Direction: <input type="text" value="E/W"/>												

### PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	42.20	NE	Pole #1170753E	2	5.70	SE	Water Meter	3	120.20	NW	Hydrant

### HAND SKETCH



No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
23	Gas	3	Steel	3.14	E/W	West Bound Kingman West of Mt. Vernon	Asphalt



Photo 1



Photo 2



Photo 3



Photo 4

Comments:

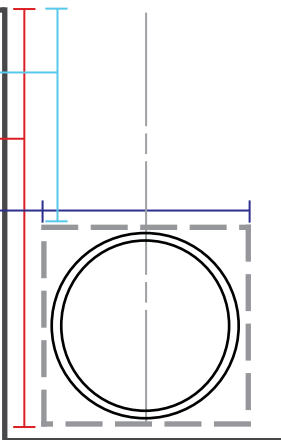


Technician Name Jaime Martinez		Date 05/09/2014	C Below Project No. 2024
Project Name Mt. Vernon Ave. Viaduct Potholing		Project Address Mt. Vernon Ave., San Bernardino, Ca. 92410	
Client Company Psomas		Contact Cliff Simental	
Pothole No. 24	Location #2 Lane North Bound Mt. Vernon		

Surface Type:  Profile View (not to scale)

Thickness:  (feet) Measured Distance from Finished Surface

Top:	<input type="text" value="5.00"/>	(feet)
Bottom:	<input type="text" value="5.33"/>	(feet)
Size:	<input type="text" value="(2) 4"/>	(in)
Utility:	<input type="text" value="Electric"/>	
Material:	<input type="text" value="Steel"/>	
Direction:	<input type="text" value="NW/SE"/>	



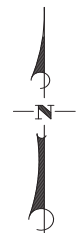
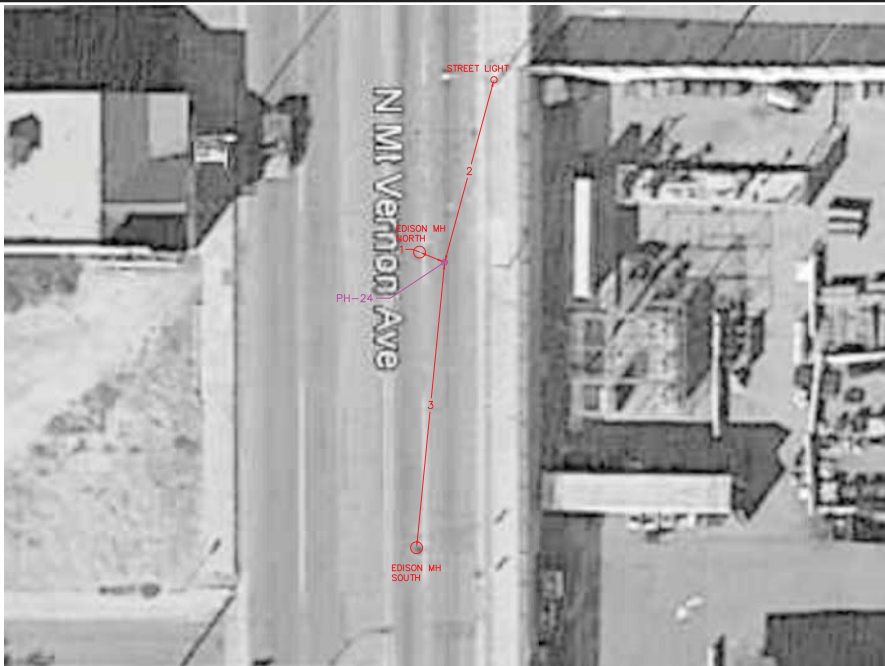
Notes:

- 2 Lines running parallel

### PHYSICAL SWING TIE INFORMATION

No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	6.80	SE	Edison MH (N)	2	47.80	SW	Street Light	3	69.50	NE	Edison MH (S)

### HAND SKETCH





No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
24	Electric	(2) 4	Steel	5.00	NW/SE	#2 Lane North Bound Mt Vernon	Asphalt



Photo 1



Photo 2



Photo 3



Photo 4

Comments:

