



Pure Water North City Phase 1 Construction Projects  
Community Working Group Meeting 2 – University City

**Date:** July 18, 2018, 4:30 p.m. – 8 p.m.  
**Location:** North City Water Reclamation Plant

**Meeting Agenda**

4:30	Welcome	J. Helminski
4:35	Agenda Introductions	L. Michaelson
4:45	Follow-up Items and Plan Overview	J. Long/S. McCarty
6:00	<b>DINNER</b>	
6:30	Construction Topics and Key Area Overview & Discussion <ul style="list-style-type: none"><li>• <i>Work schedule restrictions</i></li><li>• <i>Construction phasing</i></li><li>• <i>Traffic control</i></li><li>• <i>Noise</i></li></ul>	J. Long/S. McCarty
7:45	Public Comment	L. Michaelson
7:55	Closing and Next Steps	L. Michaelson

# Pure Water San Diego Phase 1 University City Working Group: Meeting 2

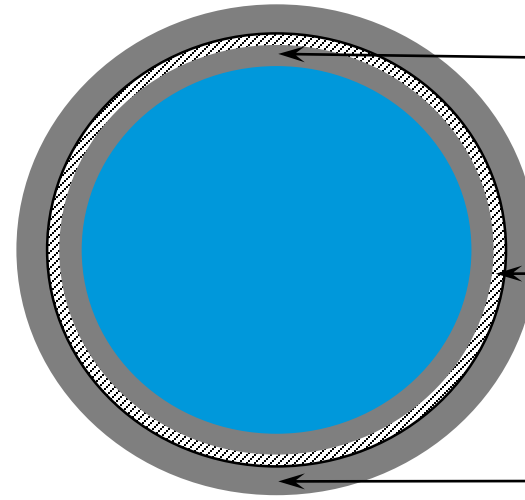
July 18, 2018

- Welcome
- Agenda/Introductions
- Follow-up Items and Plan Overview
- DINNER
- Construction Topics and Key Area Overview & Discussion
  - *Work schedule restrictions*
  - *Construction phasing*
  - *Traffic control*
  - *Noise*
- Public Comment
- Closing/Next Steps

# Follow-up Items and Plan Review

Joe Long and Sean McCarty

## Steel Pipeline Construction



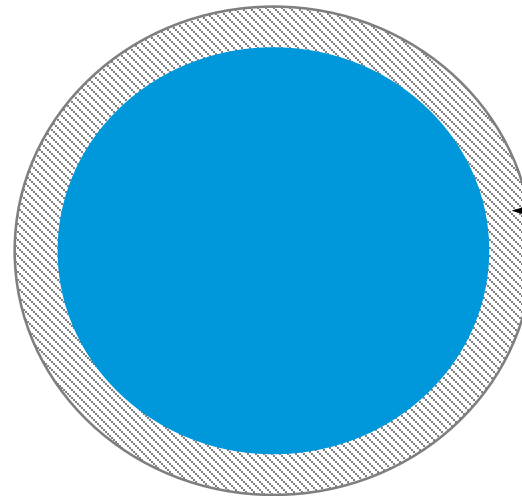
1" thick Mortar Lined Pipeline Coating  
(abrasion and corrosion inhibitor)

Steel Cylinder Pipeline  
(minimum thickness 1/4")

Mortar Coating Taped Wrapped Protective Layer

Nominal Pipe Diameter (inches)	Steel Pipe Thickness (inches)	Allowable Working Pressure w/ FS = 2 (psi)
48	1/4	178 psi
48	5/16	222 psi
48	3/8	266 psi
48	1/2	352 psi
42	1/2	400 psi

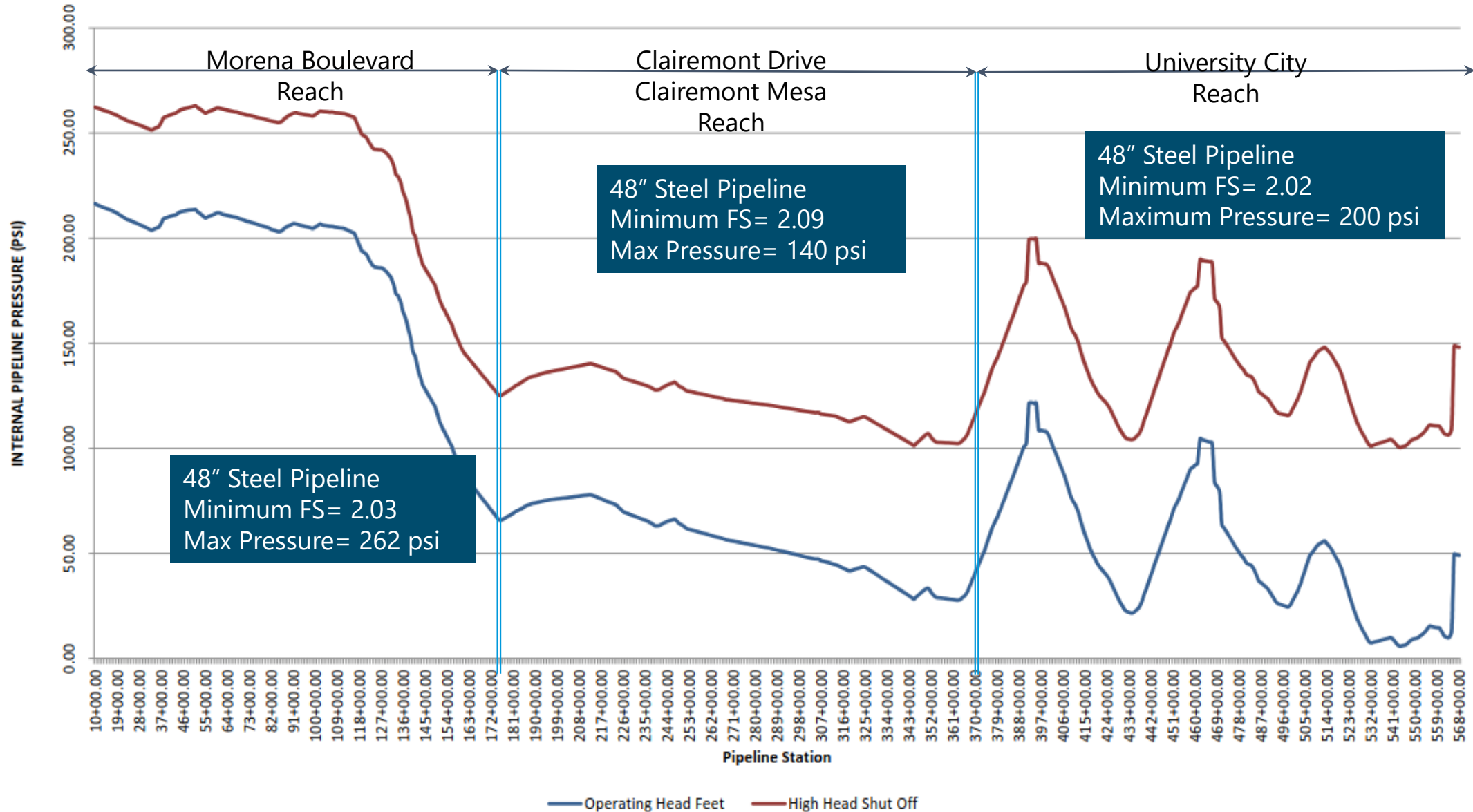
## HDPE Pipeline Construction



HDPE Cylinder Pipeline  
Hydrostatic Design Basis:  
1,600 psi @ 74 degrees F  
1,000 psi @ 140 degrees F  
Butt Fused Welding

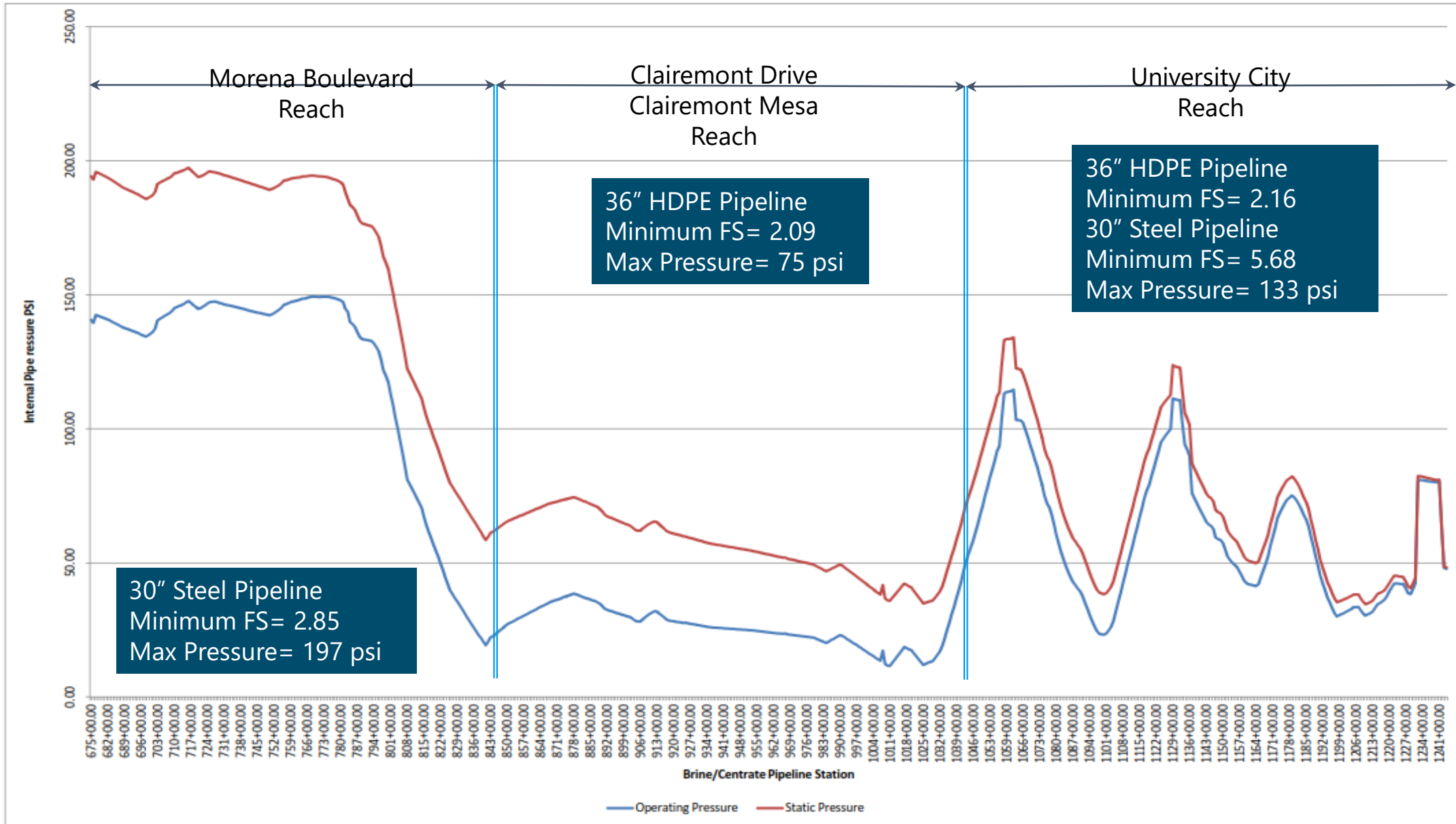
Outside Pipe Diameter (inches)	HDPE Wall Thickness (inches)	Allowable Working Pressure (psi)
36 (SDR-11)	3.273	200 psi
36 (SDR-13.35)	2.667	160 psi

# Pipeline Operating Pressures (Force Main)



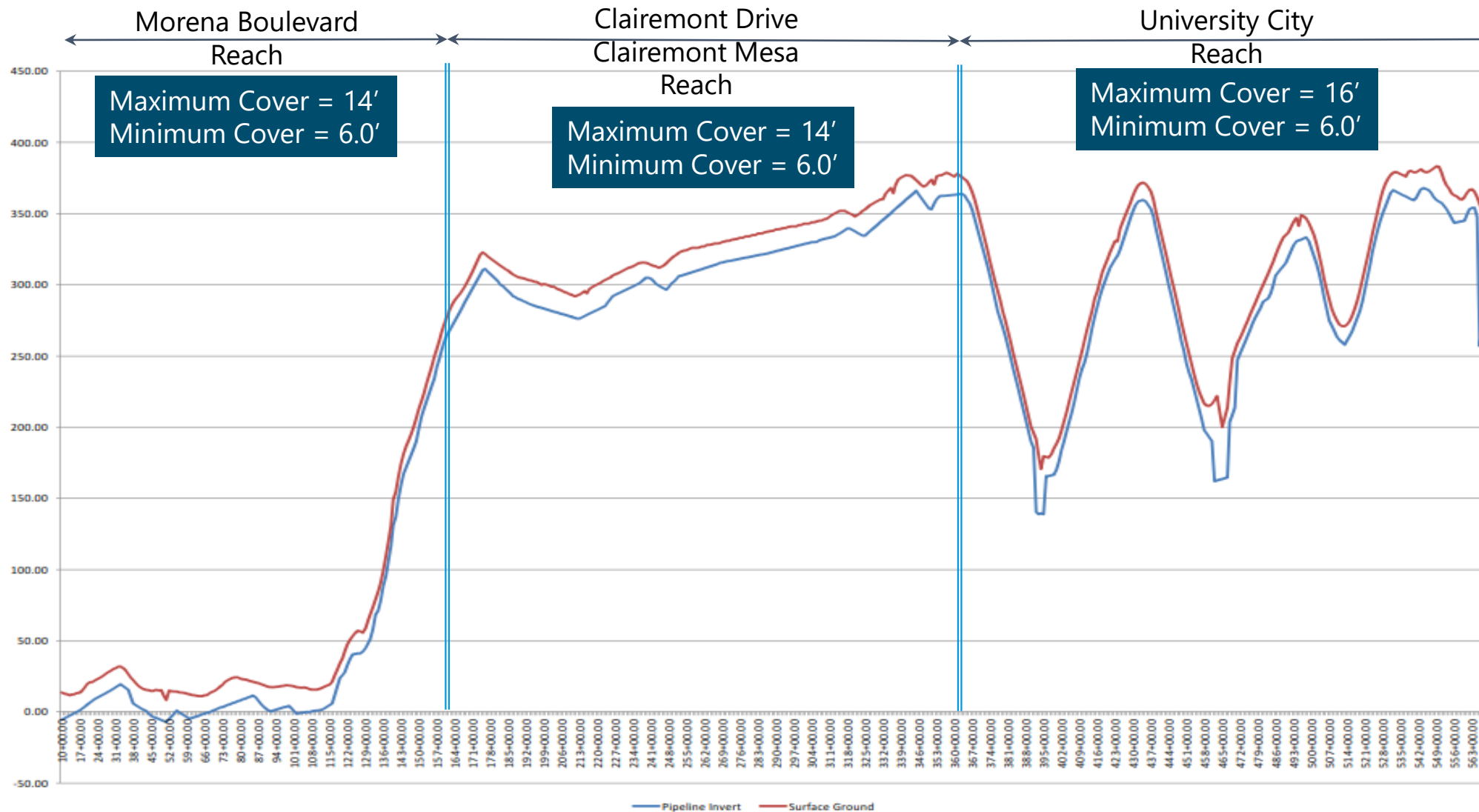


# Pipeline Operating Pressures (Brine/Centrates)



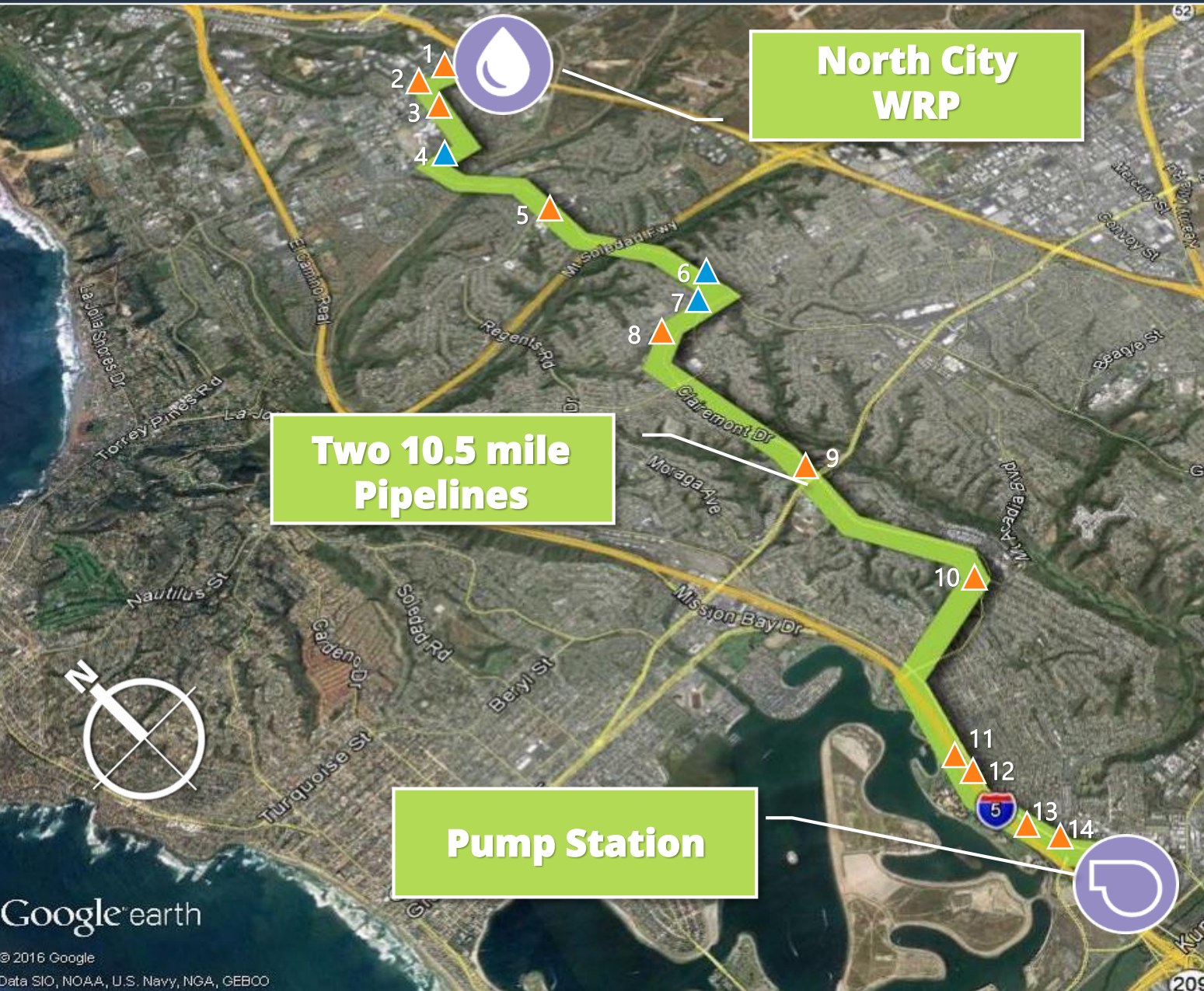


# Minimum Cover Depth of Pipelines





# SD Morena Pipelines Air Vent Locations



## ■ 14 Air Vent Locations

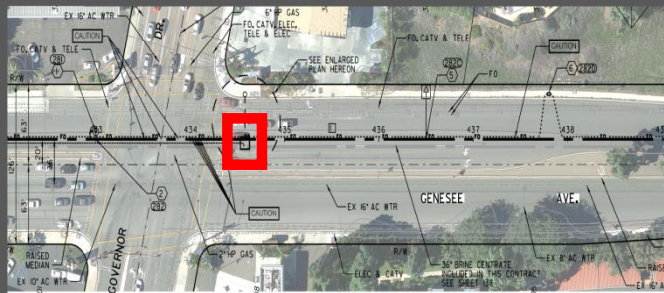
- 11 Commercial/Industrial
- 3 Residential

## ■ Designed to Mitigate Potential Noxious Odors:

- High-Purity Oxygen
- Carbon Filters

No.	Address	No.	Address
1	4570 Executive Dr.	8	4921 Clairemont Dr.
2	9255 Towne Center Dr.	9	4220 Balboa Ave.
3	4579 Towne Center Dr.	10	3090 Clairemont Dr.
4	4428 Nobel Dr.	11	RR Tracks across City Chevrolet
5	3860 Governor Dr.	12	RR Tracks at Littlefield St.
6	4490 Appleton St.	13	1503 W. Morena Blvd.
7	4426 Clairemont Mesa Blvd.	14	5199 Naples Pl.





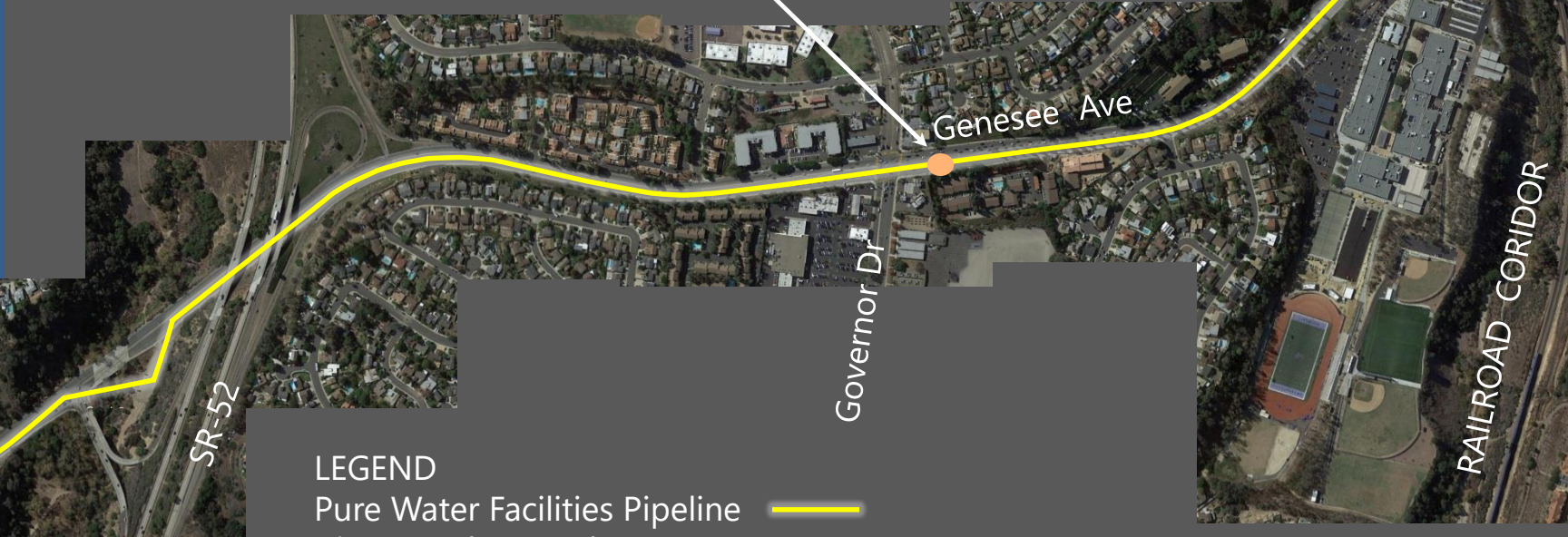
Air Release Valve (ARV) Location –  
Genesee Ave and Governor Dr



Air Release Valve (ARV) Location-  
Nobel Dr and Via Las Ramblas



→  
NORTH  
(NO SCALE)



## LEGEND

Pure Water Facilities Pipeline  
Air-Vac Release Valves

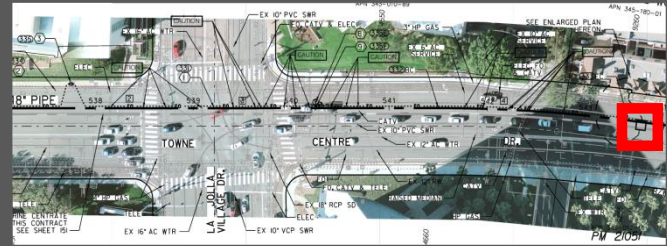


Air Release Valve (ARV) Location- Town Centre  
Dr and UTC Towne Centre Gateway

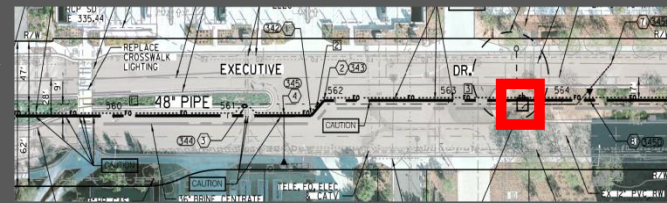




LEGEND  
Pure Water Facilities Pipeline ———  
Air-Vac Release Valves ●

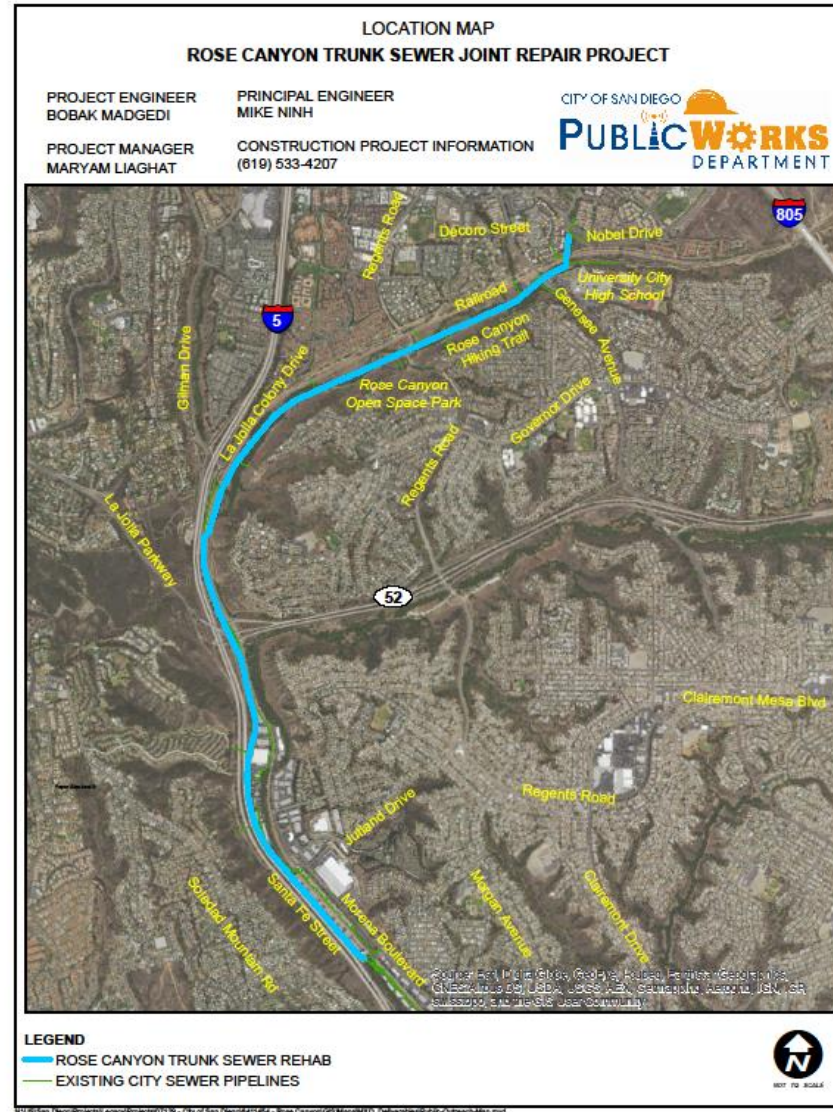


Air Release Valve (ARV) Location – Towne Centre Dr and La Jolla Village Dr



Air Release Valve (ARV) Location – Judicial Dr and Executive Dr

- All work is within the pipe
- No digging
- Anticipated construction ending Dec. 2020



# Plan Overview



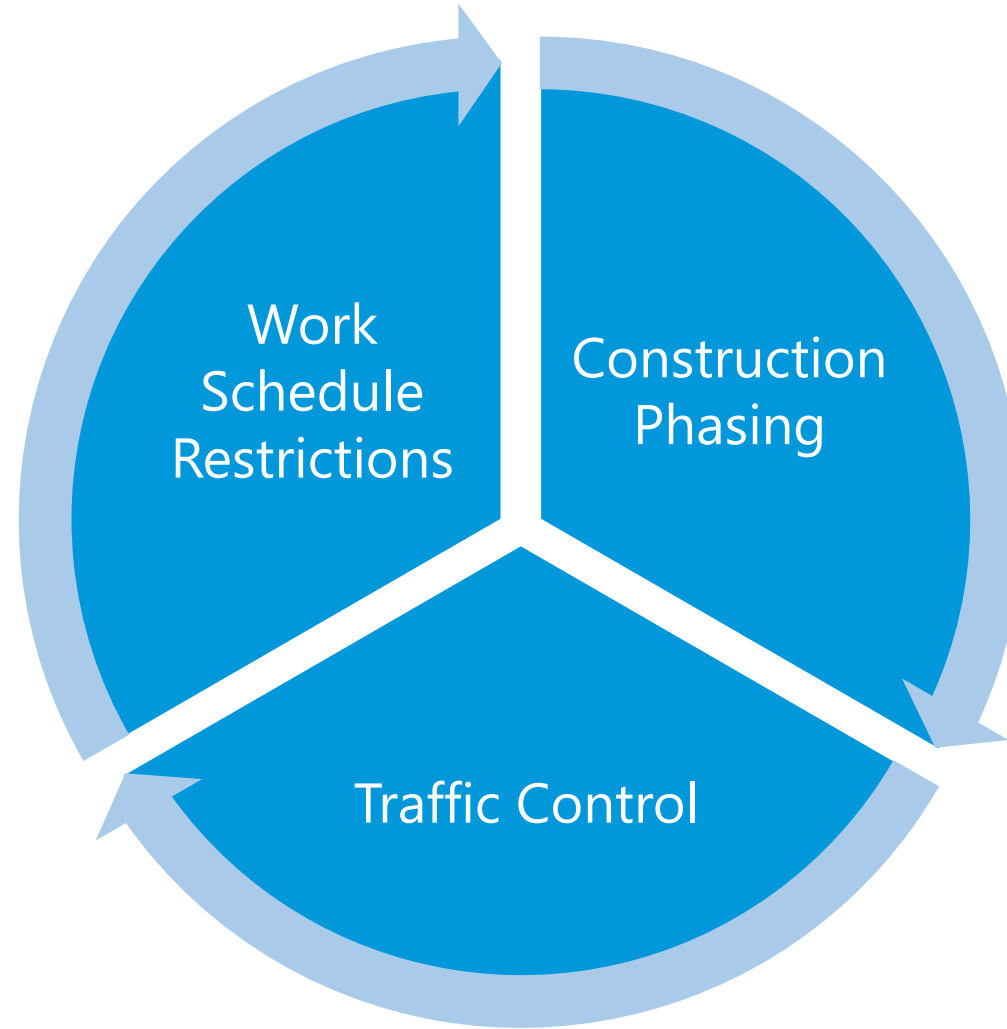
# Construction Topics and Key Area Overview and Discussion

Sean McCarty and Joe Long



# Working Group Topics

1. Multiple disruptions and project coordination ✓
2. Street restoration ✓
3. Air quality/**noise**
4. Staging areas/parking
5. Environmental monitoring
6. **Traffic control/signage**
7. **Special stakeholder access needs**
8. Outreach, communication and notifications
9. **Work restrictions and construction phasing**
10. **Working days and hours**
11. Construction monitoring





## **General Work Days and Hours**

- Day: Monday to Friday  
8:00 AM to 4:00 PM
- Night: Sunday to Thursday  
9:00 PM to 5:00 AM
- No work on Sundays or holidays

**What Work Days and Hours work best for University City?**



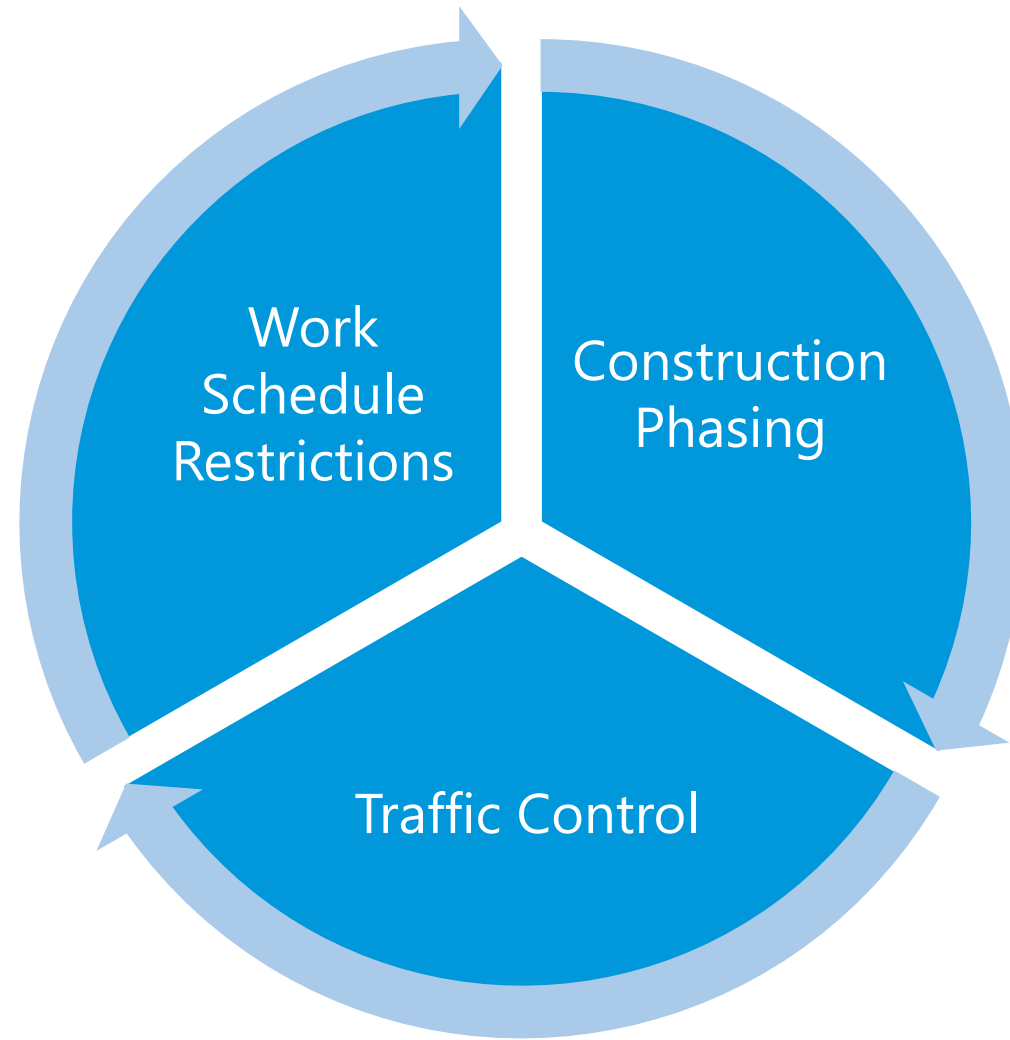
- Work does not have to progress sequentially from one end of the alignment to the other
- Some locations can be skipped and returned to
- Special community events can be scheduled around:
  - *University City High Graduation*
  - *Community celebrations*

**Any community-specific information the team should be aware of?**



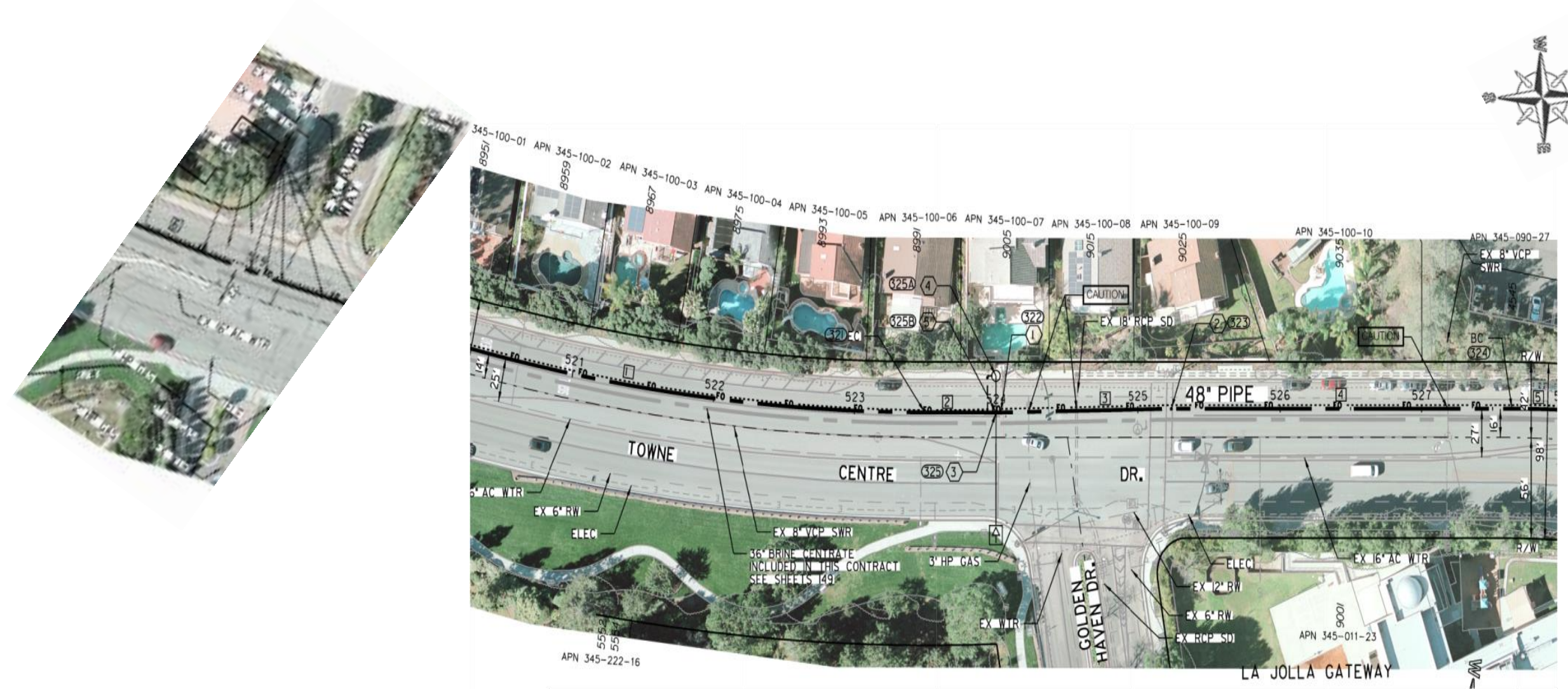
- Maintain one lane of travel in each direction during work hours on major arterials
- Maximize street access during non-work hours
- Limit/avoid detours

**Any unique characteristics that the team should be aware of?**



- For construction work at night, the Contractor is required to obtain noise permits from the Development Services Department. To obtain the permit, the Contractor is required to:
  - *Submit Noise Permit application and payment*
  - *Submit proof they notified the residents and businesses within 500-ft radius of the work site by providing those addresses and each of their signatures*
- Contractor will be required to distribute flyers to those homes and businesses 72 hours in advance of work, that will include the following information:
  - *Hours*
  - *Duration of work*
  - *24 hour contact name and telephone number*
  - *Code Enforcement Division telephone number*









# Q&A and Group Discussion

# Public Comment

# Closing/Next Steps



# LOCATION MAP

## ROSE CANYON TRUNK SEWER JOINT REPAIR PROJECT

PROJECT ENGINEER  
BOBAK MADGEDJ

SENIOR CIVIL ENGINEER  
MICHAEL NINH

PROJECT MANAGER  
MARYAM LIAGHAT

CONSTRUCTION PROJECT INFORMATION  
(619) 533-4207



### LEGEND

- ROSE CANYON TRUNK SEWER REHAB
- EXISTING CITY SEWER PIPELINES

COUNCIL DISTRICT: 1,2

SAP ID: B-11025

