



Board of Supervisors Land Use Committee meeting  
October 19, 2020

Mission Bay Infrastructure Acceptance

# Mission Bay Infrastructure

Infrastructure request acceptance include:

- Streets and sidewalks
- Streetlights
- Sewer system
- Storm water pump station
- Water system
- Communications
- Traffic signals



LEGEND			
	BLOCK 1		BLOCK 40
	BLOCKS 5 & 6		STORMWATER PUMP STATION NO. 1
	BLOCKS 8-9-9A		UCSF CAMPUS
	BLOCKS 11-12		UCSF HOSPITAL
	BLOCKS 26-28 PH. 1-3		P INDICATES PARK
	BLOCKS 36-39		

# Geotechnical reports

- The Geotech report was prepared by Treadwell & Rollo that studied the underline soil condition. Due to the presence of bay mud, settlement was predicted.
- Various options were proposed including soil surcharging. Given the extent of bay mud within Mission Bay, surcharging may have been required across the whole Mission Bay site. This approach was ruled out as it would have resulted in closing several existing streets for a year or more until compaction was reached.
- Complexity in make the connection to 3<sup>rd</sup> street and T-third Muni line
- Existing utility infrastructure could have be damaged with surcharging
- Instead it was recommended to let utilities, roadbase, curb, gutter, and sidewalk operate as one system, thus it would all settle together.
- As each vertical developer pursued each a sub-division, prepared exhibit was included informing them of the potential subsidence. They were also required to install flexible lateral utility connections between the main and building to accommodated for the potential movement. The site Civil was to provide hinge or similar at interface of sidewalk and buildings to maintain access to buildings.
- Todate, the City has seen the settlement as predicated but has not experienced any broken utility connections on the accepted infrastructure.
- Over all 20 years of infrastructure- streets infrastructure moving as predicted.
- 4<sup>th</sup> and King vertical – one of the first buildings to be constructed, subsequent developers made adjustments.

# Completion & Consistency Determination

## Public Works

The Director of Public Works staff provided multi-year support to project through

- Sub-division mapping process, review and approve street improvement permit
- Construction inspection - ensuring compliance to City standards, plans, permits and code.
- In consultation with City agencies, SFPW issued Determination of Completion ie infrastructure ready for their intended use.
- Streets operating under licenses with development partner

## SF Public Utilities

- Partnered with SFPW to provide construction inspection of their facilities, ensuring compliance with City standards.
- Will operate and maintain facilities upon acceptance.

## Office of Community Investment & Infrastructure

The Office of Community Investment and Infrastructure has determined that the construction and acceptance of the public improvements are consistent with the Mission Bay South Redevelopment Plan and Plan documents.



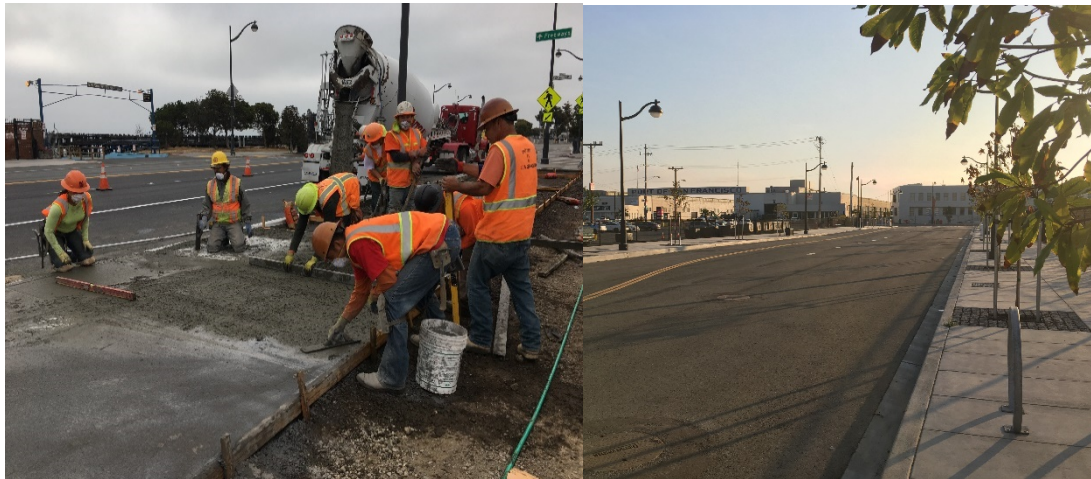
## Planning Department

San Francisco Planning has determined that the construction and acceptance of the public improvements are consistent with the City's General Plan, the eight priority policies of Planning Code Section 101.1 and that this does not trigger any further CEQA environmental review.

# Active Construction



Utility pipe installation and active street paving through final landscape



Mission Rock St – sidewalk and street work



Bioswale Park P11A

# Proposed Legislation

## Board of Supervisors Action

- Accepting Irrevocable Offers of Dedication of real property
- Accepting streets and roadways for their designated and intended purpose
- Accepting infrastructure for maintenance and liability
- Through PW Q-20 and A-17 maps, the Board is establishing
  - Sidewalk widths
  - Public right of way widths
  - Street grade
- Dedicate the improvements for public use

# Mission Bay Activity



- Dog Parks
- Hospitals
- Mini-golf
- Food court
- Arenas
- Farmer's Market



# Mission Bay Street Naming

Existing – Channel Street



Proposed change of  
El Dorado St to  
Corrine Woods Way



Proposed – Rename Mission Creek and Chanel Street





# Questions?

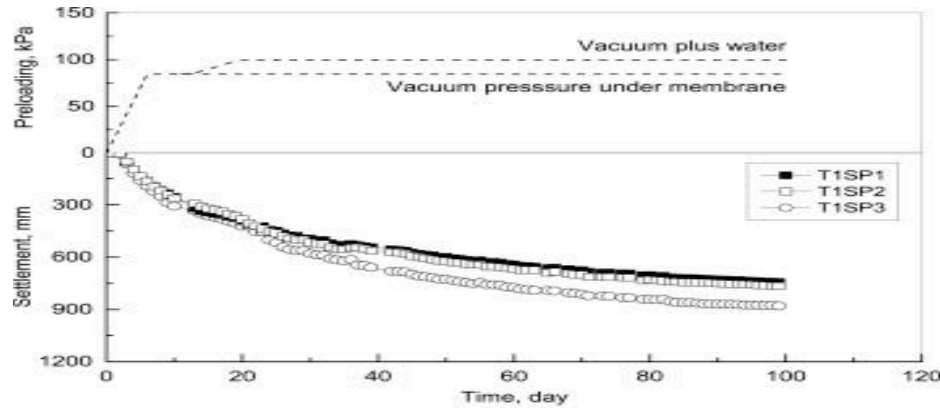
Cathal Hennessy, SF Public Work Task Force, Project Manager

Marc Slutzkin, Office of Committee Investment and Infrastructure

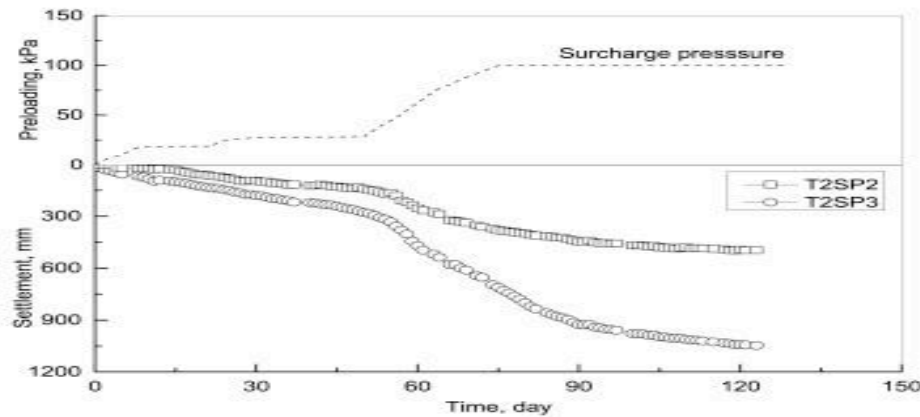
John Malamut – City Attorney's Office

Seth Hamalian – Mission Bay Development Group

# Standard settlement over time



(a)



(b)

