

Presentation to the San Francisco Board  
of Supervisors: Land Use &  
Transportation Committee  
June 7, 2021

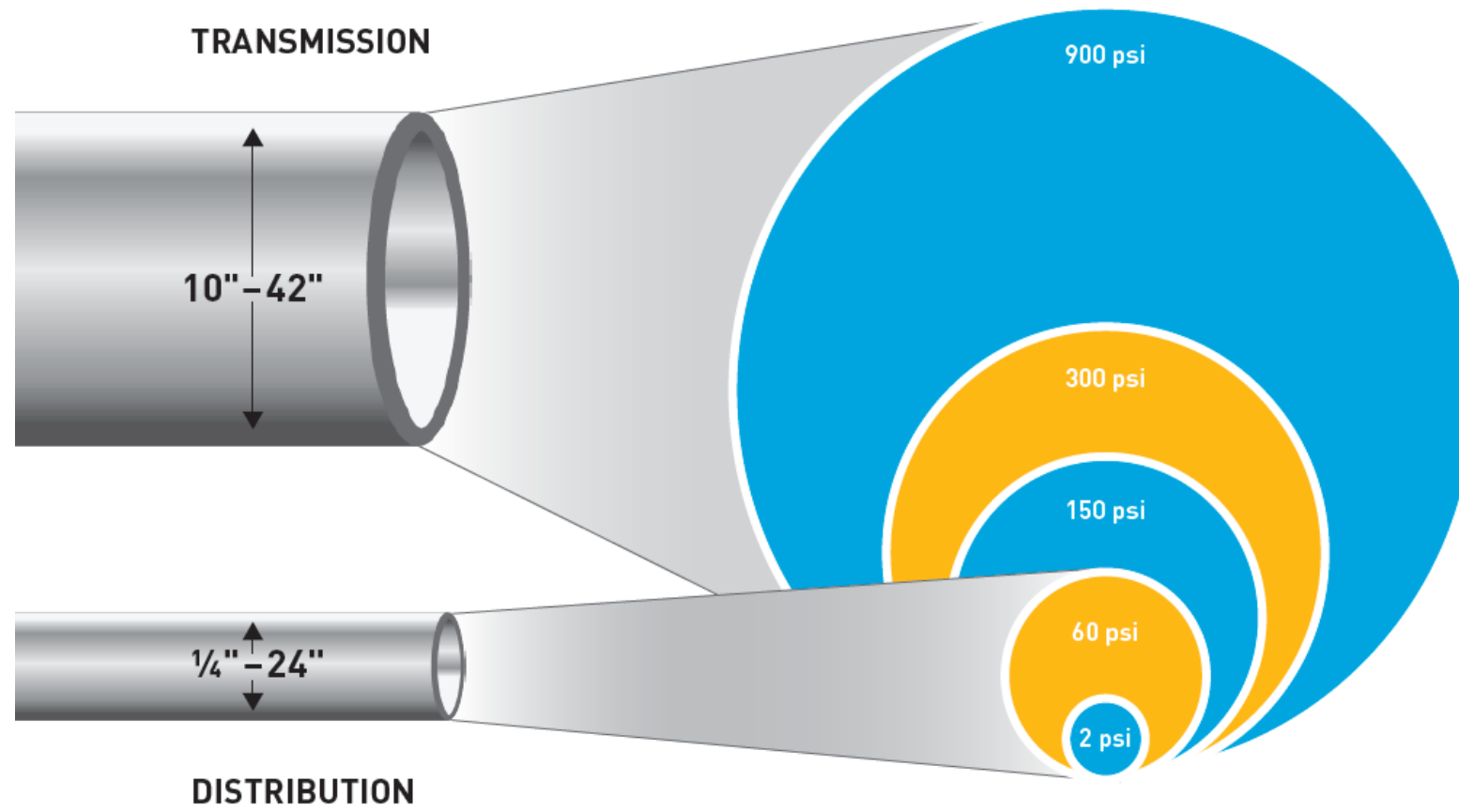


Together, Building  
a Better California

# Terminology / Definitions

- **Transmission Gas Line:** Large pipes that move natural gas across the state
- **Distribution Gas Line:** transports gas through smaller gas lines to service neighborhoods, homes, and businesses
- **Gas Service Lateral:** gas line that runs perpendicular to the distribution main to connect with the building meter

# Transmission vs. Distribution



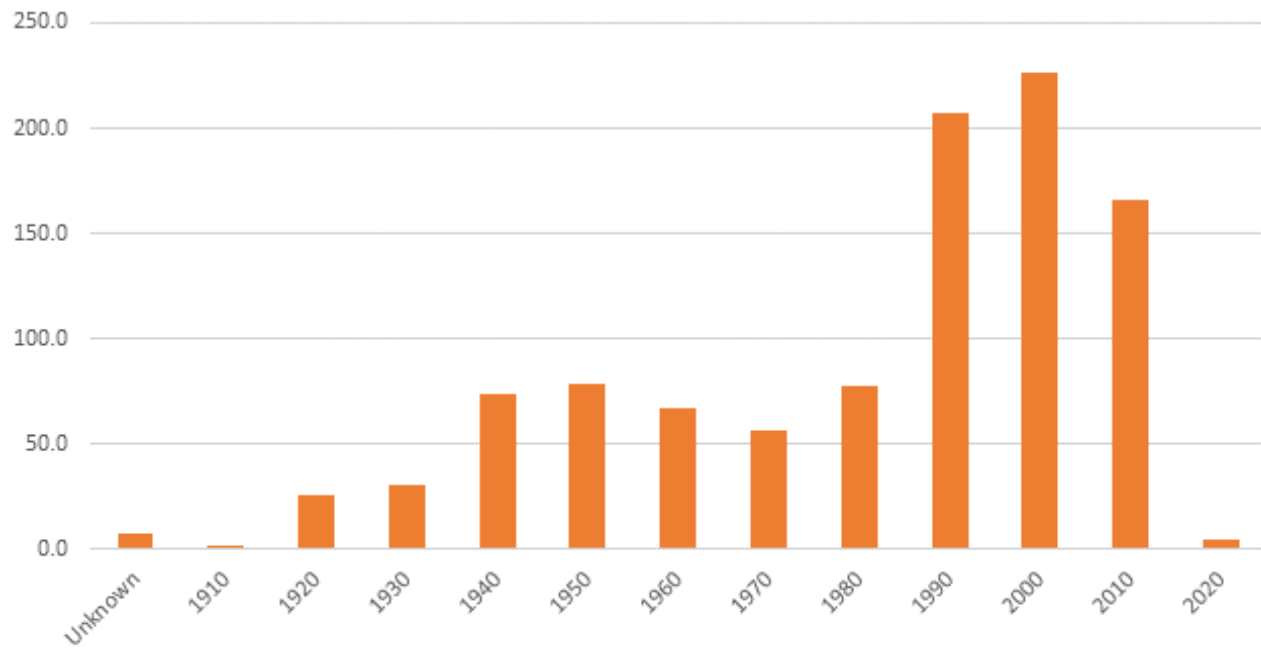
*These represent general sizes and pressures.*

# Gas Pipeline Replacement Program (GPRP)

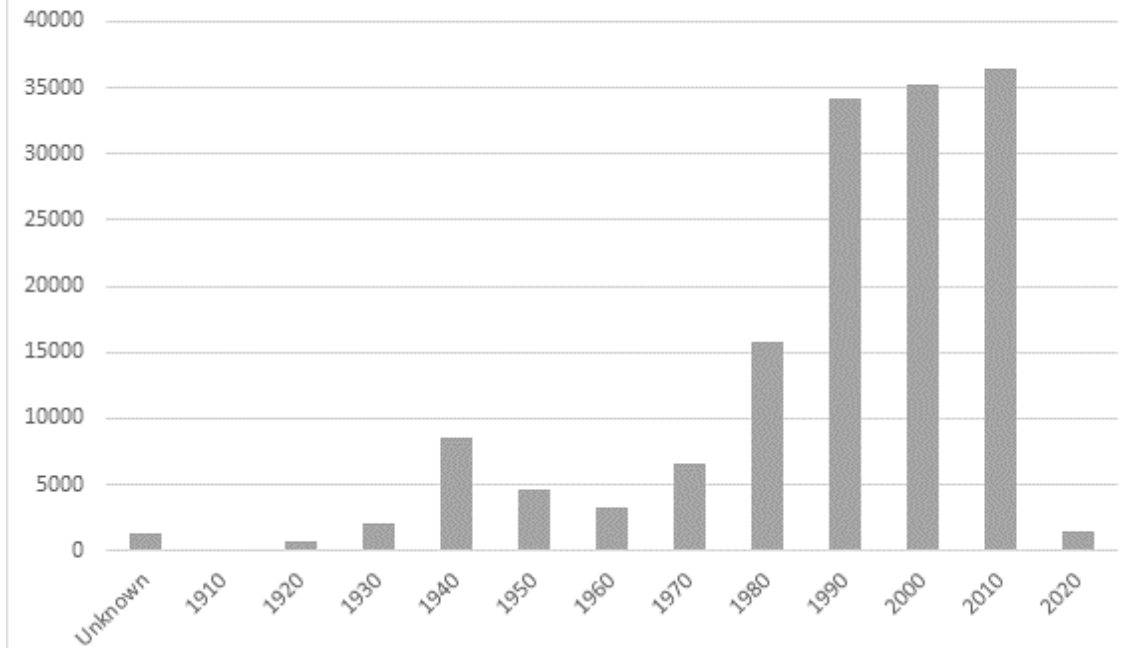
- Beginning in 1985, PG&E began a systematic replacement of gas infrastructure in San Francisco, prioritizing high-risk pipes
- Cast iron pipes were completely deactivated systemwide in 2014
- Deactivated over 60% of gas mains in San Francisco, installing new plastic and steel mains in their place

# Gas Main and Service Installation (GPRP)

Main Miles Installed By Decade - San Francisco



Service Count Installed By Decade - San Francisco



# Earthquake Preparedness

- Since 1989, PG&E has included seismic risk to prioritize GPRP work
- San Francisco has ~430 Emergency Shutdown Zones
  - Allows PG&E to quickly and safely turn off the flow of gas while limiting customer impact



Emergency Shutdown Zone Valve identified by yellow cover

# Coordination with DBI

- DBI Plumbing Inspectors notified PG&E of potential encroachment or hazardous situation
- Gas Operations team deployed within 24-48 hours
  - “All clear” or potential encroachment declaration
    - If potential encroachment, remediation process initiated
- Remediation Process:
  - 3 notification letters to resolve encroachment
    - If customer responds, work through Service Planning
    - If customer does not respond, gas is shut off

# Gas Line Relocation Process

- To determine if gas line might be implicated in construction or excavation project, must call 811.
- Contact PG&E Service Planning Department to initiate application, and engineering & design process
  - PGE Building Services Contact: 1(877) 743-7782
- Pre-construction meeting
- Trenching work is permitted by the City
- PG&E and DBI Inspection





# Electric and Gas Service Requirements (i.e. The Greenbook)

- The Electric and Gas Service Requirements (i.e., Greenbook) is *a guide to PG&E requirements and policies* for establishing electric and gas service to new applicant installations.
- In addition to utility requirements, local or state officials may stipulate additional provisions for the installation of equipment and materials that are in their authorized areas of responsibility and jurisdiction.

# Next Steps:

- PG&E is committed to partnering with the City to ensure gas infrastructure is safe and secure
  - PG&E will dedicate technical expertise and people-power towards a resolution
- We will coordinate with DBI to formalize a reporting process

**Number to call to report unsafe conditions:**

**1-800-743-5000**

**Call Before You Dig:**

**811**





# Questions?