



San Francisco
Water Power Sewer
Services of the San Francisco Public Utilities Commission

Infrastructure Projects Affecting Street and Sidewalk Access

Pavement Renovation, Sewer Replacement and Water Main Replacement on Castro Street and 26th Street

January 6, 2022

Government Audit and Oversight Committee

**Jeremy Spitz, Local and Regional Policy and Government Affairs Manager
San Francisco Public Utilities Commission**



• **Location:**

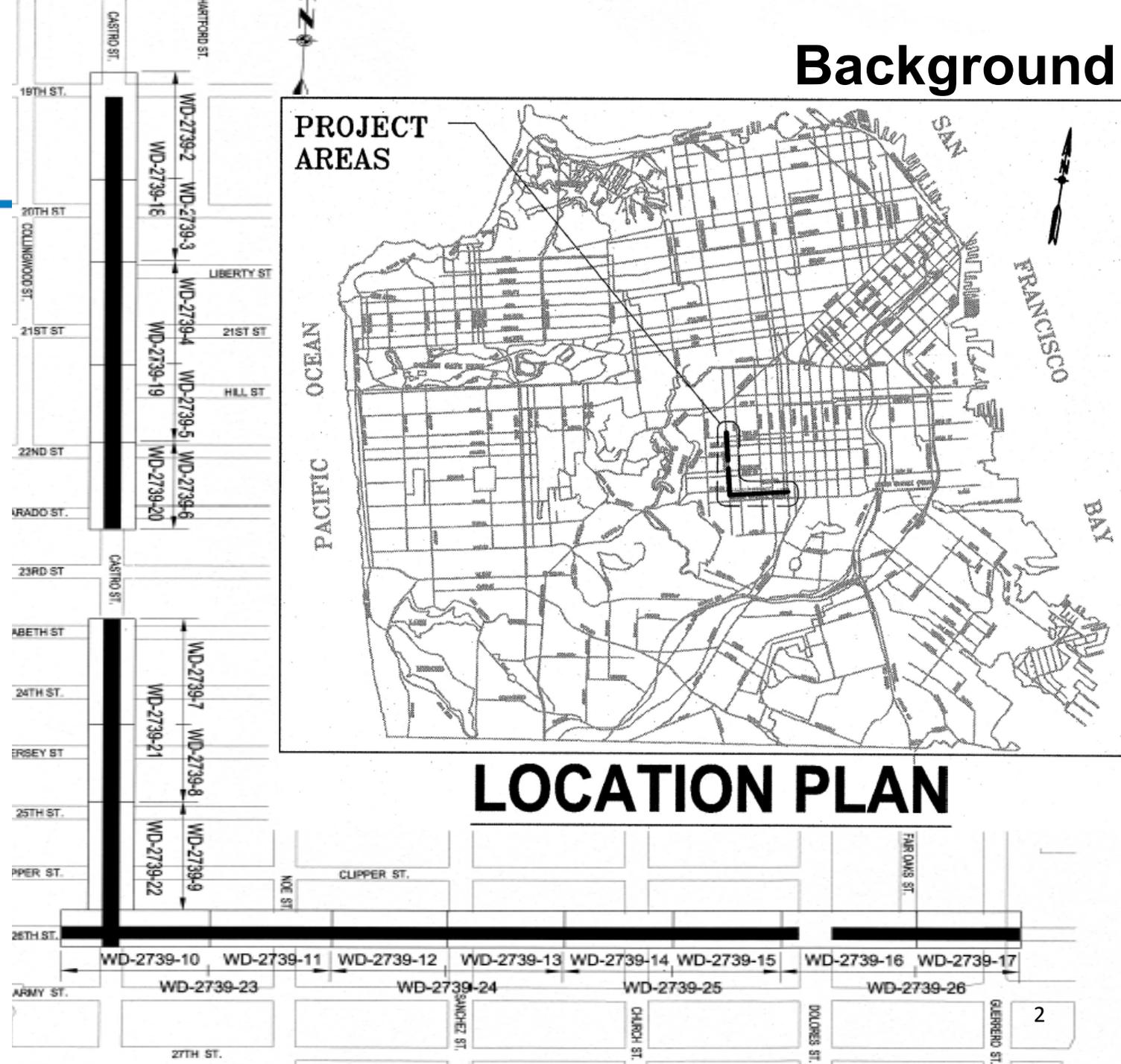
- Castro Street from 19th Street to 26th Street
- 26th Street from Castro Street to Guerrero Street

• **Dates:**

- Notice to Proceed: 8/17/20
- Expected Completion: Summer 2022

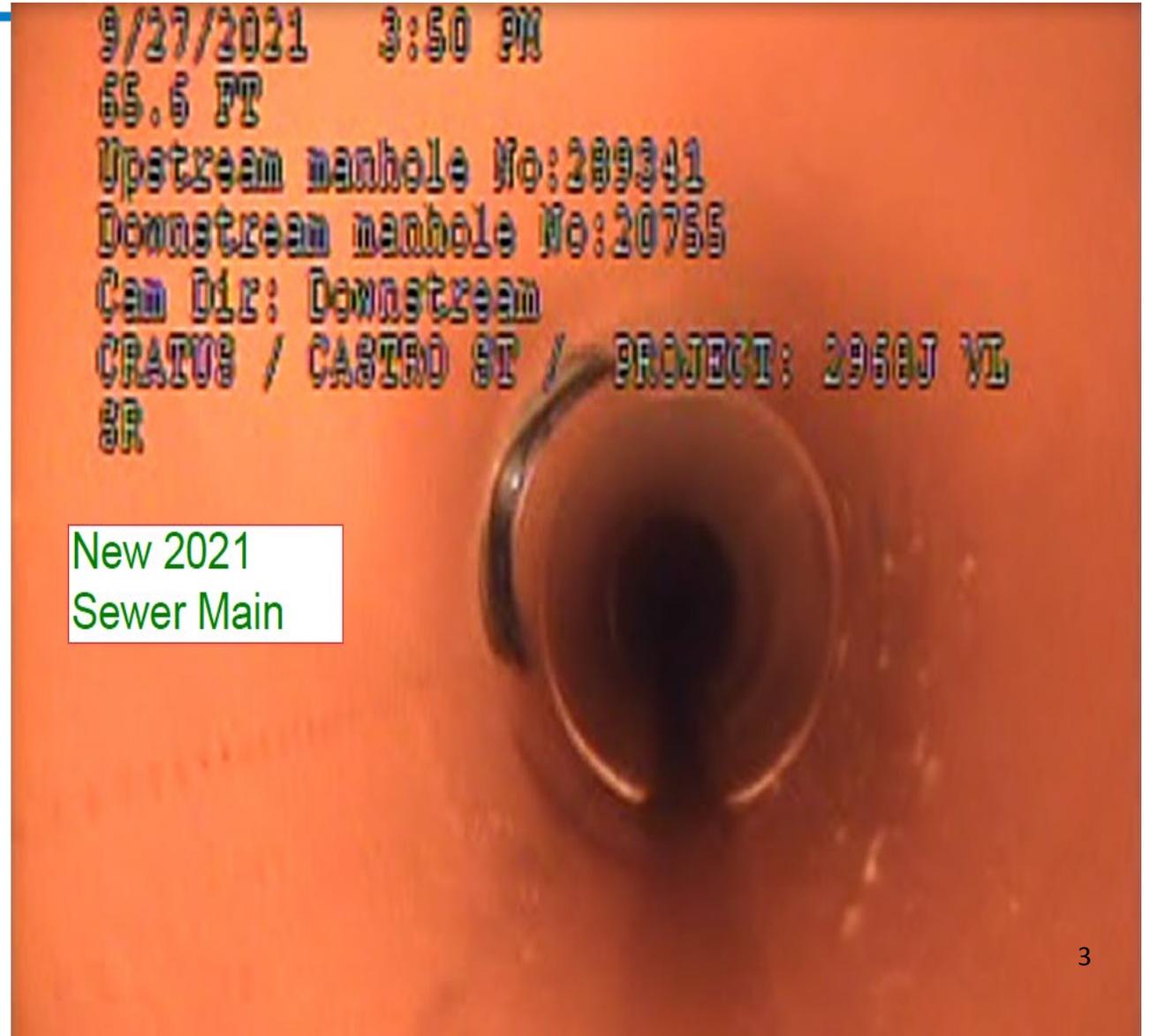
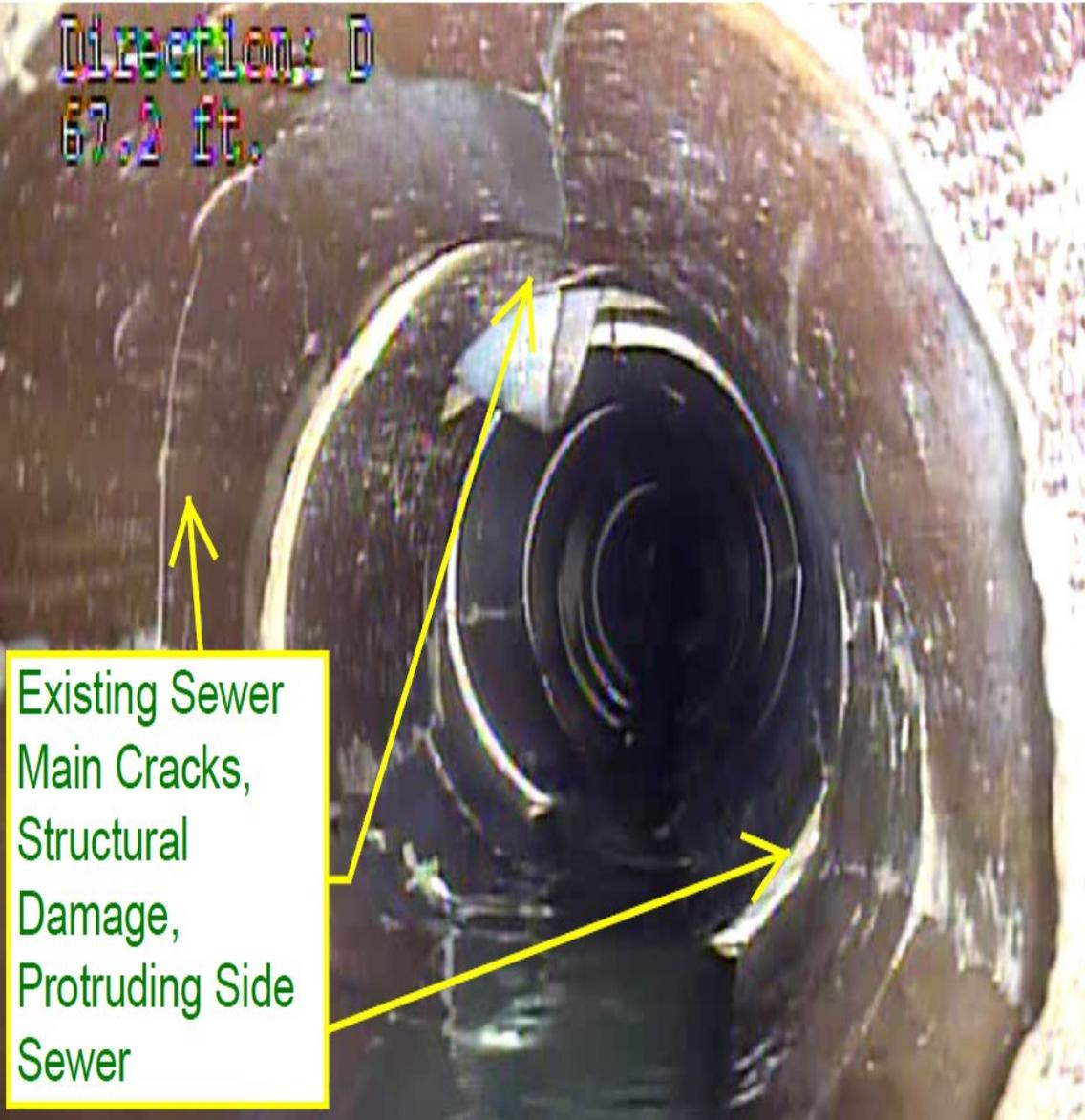
• **Scope:**

- 15,000 linear feet of new water mains
- 2,000 linear feet of sewer
- Pavement restoration
- New ADA curb ramps





Before and After- Sewer





San Francisco
Water Power Sewer
Services of the San Francisco Public Utilities Commission

Before and After – Pavement Renovation



Existing Concrete Street Damages



- All water mains installed:
 - Majority are in service
 - Remaining 7% in service by first quarter 2022
 - All sewer mains installed and in service
- Concrete restoration:
 - Concrete panel restoration has been completed
 - Trench restoration ongoing
- Asphalt paving:
 - Castro between 19th to 26th and 26th between Diamond and Noe will be performed middle Jan 2022 excluding concrete street blocks

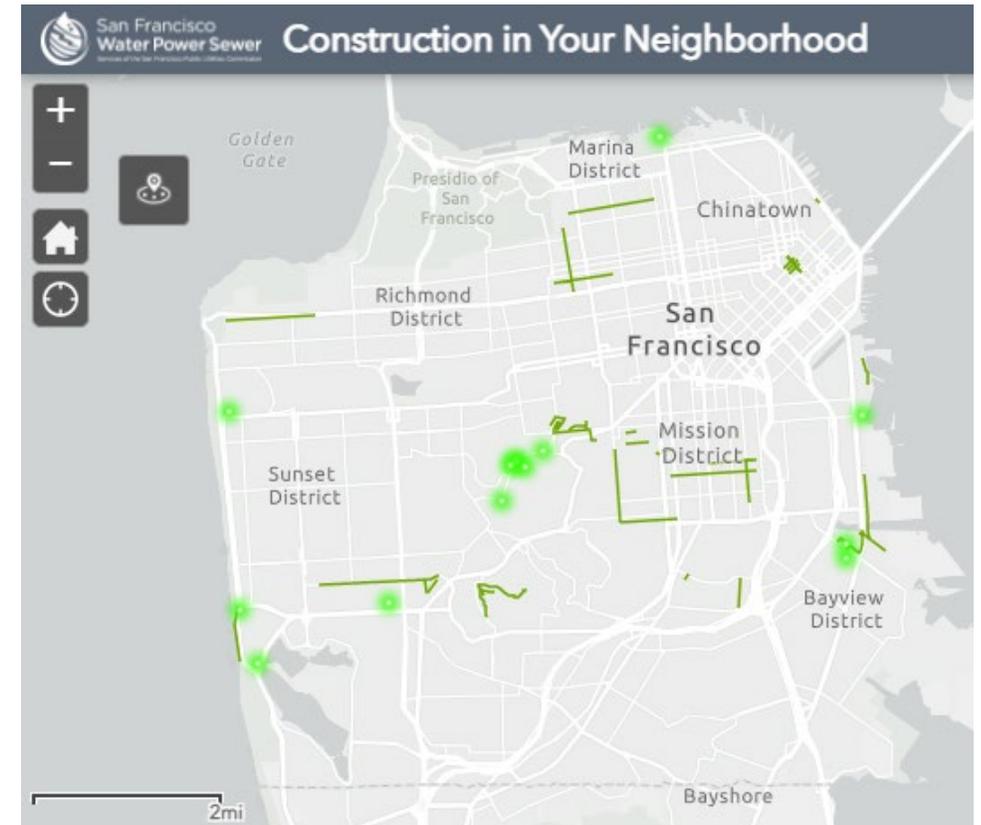


- T- trenching and street base repair
 - Target dates 12/30/21 – 3/9/22
- Final asphalt paving work
 - Target date 3/15/22 - 3/21/22
 - MTA striping to follow paving
- 4061 24th St parking lot
 - Target date 3/22/22-4/21/22
- Project punch list and closeout



- Project Manager, Construction Manager, Contractor and Communications coordinate to identify and plan to communicate impacts
- Administrative Polices:
 - Article 2.4 of the Public Works Code
 - Public Works Order 187005
 - Contract Specifications
- Collaboration and coordination with other agencies

- Project website
- 30-day mailed notice
- 10-day notice via mail or hand delivery
- Notices must be approved by SFPUC prior to dissemination
- **New driveway access notifications for concrete panel streets: Additional two-week and 24-hour notices sent by SFPUC Communications and /or contractor**



sfpuc.org/construction

- **Friday, September 17, 2021:** Contractor mailed concrete work notice to residents of affected areas on Castro between Hill St and 21st St
- **Monday, September 20, 2021:** SFPUC Communications posted to NextDoor of impending concrete work
- **Monday, September 27, 2021:** SFPUC Communications received complaints
- **Wednesday, September 29, 2021:** Field meeting held to discuss potential mitigations
- **First week of Oct:** Additional communications with customers in the field to explain construction processes and impacts. Notices made more specific about dates and details of closures

Issues

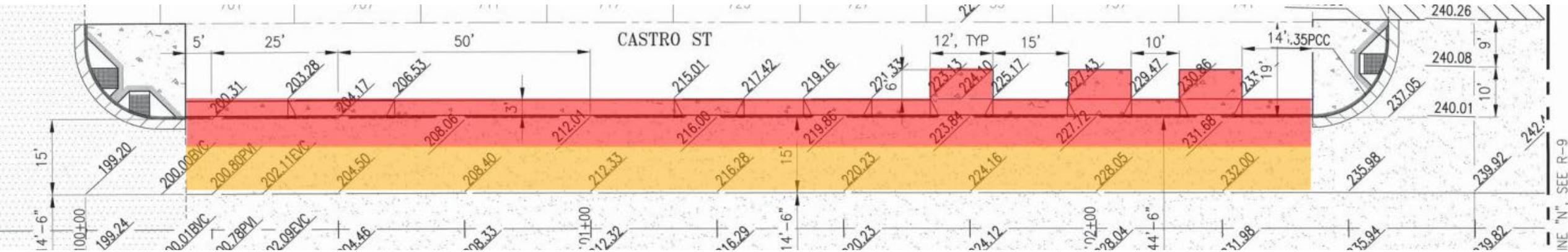
- Work Sequence was performed with insufficient consideration for local access
- Notices were sent out by the contractor without SFPUC review
- Curbs, sidewalks, street panels were demolished at one time
- Residents were denied local driveway access on the east side of Castro between 20th and Hill

Response:

- All effort was made to expedite ongoing concrete work
- New concrete panel pour procedure was implemented to allow overnight and weekend driveway access, with provision for inclement weather
- New notification procedure implemented to ensure timely delivery to residents.
- Contractor requested to provide notice for SFPUC review and approval before physical delivery for additional two week and 24-hour notices



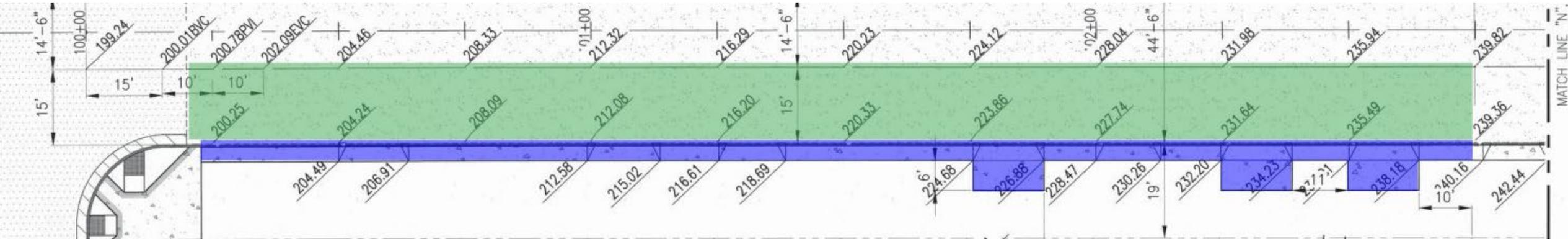
Original Pour Sequencing



- Sidewalk and curb (red) and street panels (orange) demolished and poured at the same time
- Blocking driveway access for longer time because of size of demolition and pour



Revised Pour Sequencing



- Curb and sidewalk (blue) demolished and pour completed first
driveway access allowed
- Street panels (green) demolished and poured second
- Allowing access to driveways more quickly



Improved Work Sequence



- Concrete work does not proceed without SFPUC approval of:
 - Contractor-submitted paving sequence plan
 - Two-week and 24-hour notices, hand-delivered and posted to Nextdoor.com
- Any emergency/short-term communications including schedule changes are made in the same manner, with hand delivered and online notices
- Concrete pour sequence revised to ensure local access accommodation through sidewalk and curb construction, and weekend resident driveway access for concrete panels



- Ensure effective communication between contractor, subcontractors, and SFPUC construction team
- Which in turn ensures timely, accurate information to the public
- No work blocking driveway access without review and authorization of notices from SFPUC as project submittals
- Investigate changes to project specifications to minimize access impacts



Questions?

Jeremy Spitz, Policy and Government Affairs

Katie Miller, Director of Water Infrastructure Capital Improvements

Betsy Lauppe Rhodes, Communications Manager, Water



Process Improvements and Lessons Learned

- Measures Immediately Implemented on Castro:
 - Concrete work does not proceed without SFPUC approval of: [confirm with Eugene and Curtis. Are they committed?]
 - Contractor-submitted paving sequence plan
 - Two-week and 24-hour notices, hand delivered and posted to Nextdoor.com
 - Any emergency/short-term communications including schedule changes are made in the same manner, with hand delivered and online notices
 - Concrete pour sequence revised to ensure local access accommodation through sidewalk and curb construction, and weekend resident driveway access for concrete panels
- Recommendations for future Project Specifications:
- **Emphasis [unclear]** on local access accommodation that does not conflict with 7-day closure for concrete curing For concrete street work limit width of concrete street panel to be minimum 10' or less (may have to be 8' or less) to allow equipment access for plating
 - Explore changing concrete mix design for concrete panels to be early high strength to allow for earlier reopening
 - Localize concrete street work to maximum of 100' or cap maximum disruption to a set number of driveways [two slides?]