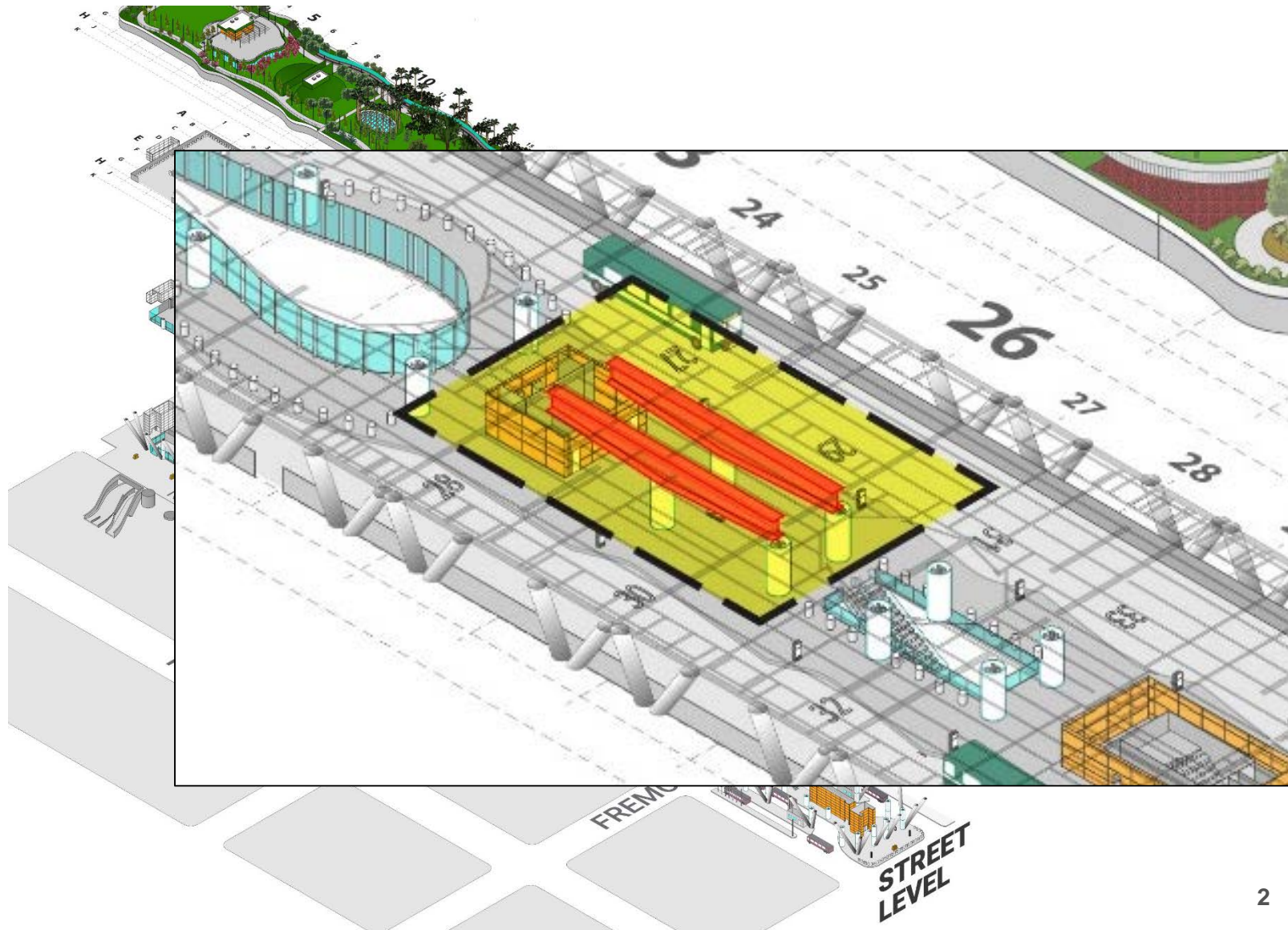


Update on Construction and temporary closure of the Salesforce Transit Center

November 2018



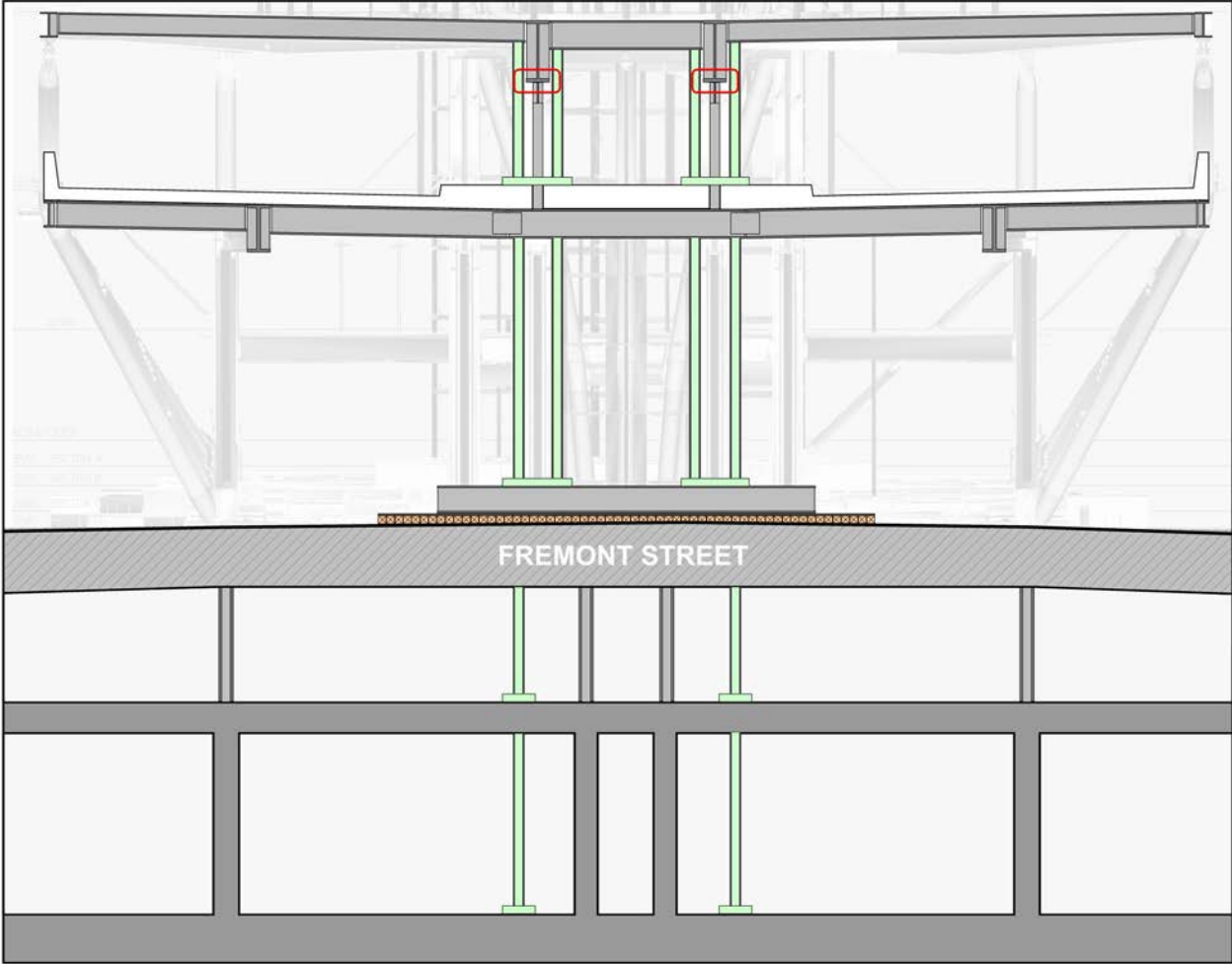
Isometric View – Fremont Street



Hanger Beam



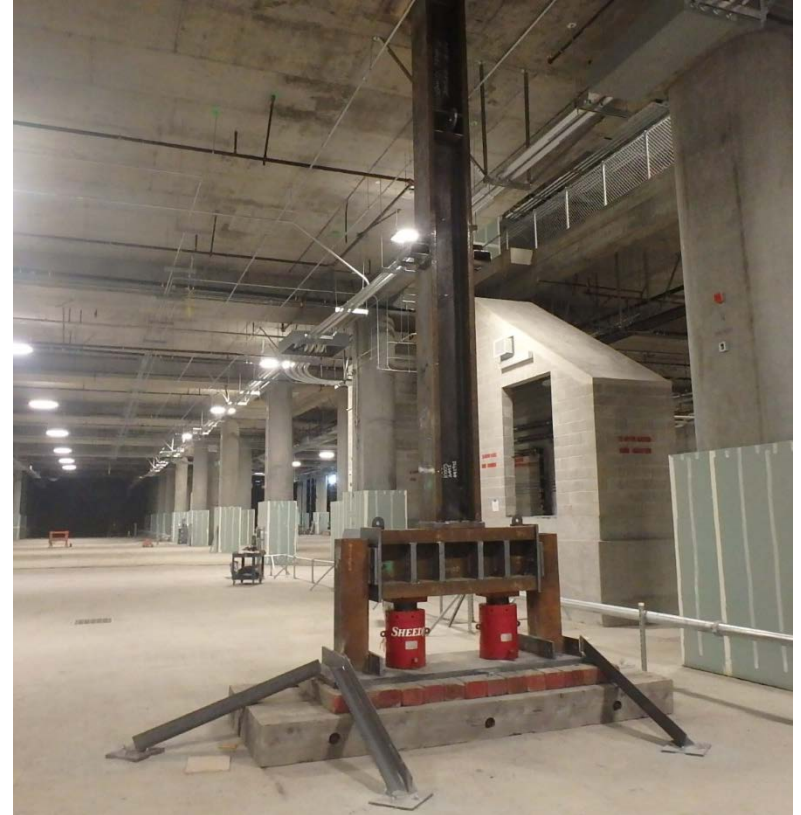
Fremont Street Temporary Support Schematic – Phase 2



Fremont Street Temporary Support Phase 2 (Trainbox Levels)



Lower Concourse level



Train Platform level

Fremont Street Temporary Support Phase 2 (Ground Level)



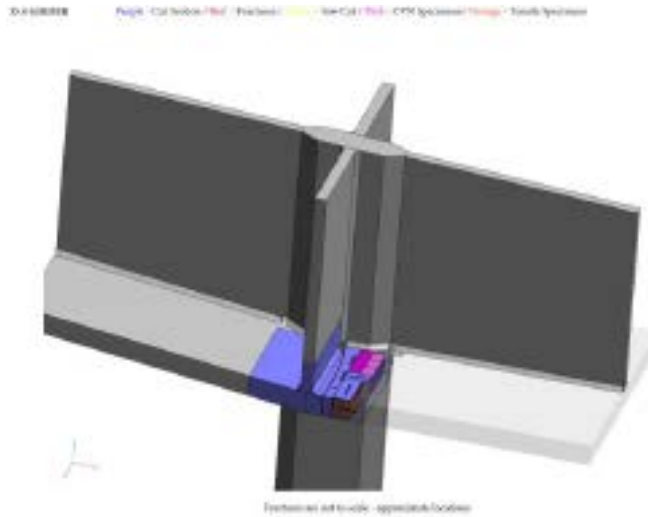
Fremont Street Temporary Support Traffic Control



Fremont Street Temporary Support Phase 2 (Bus Deck Level)

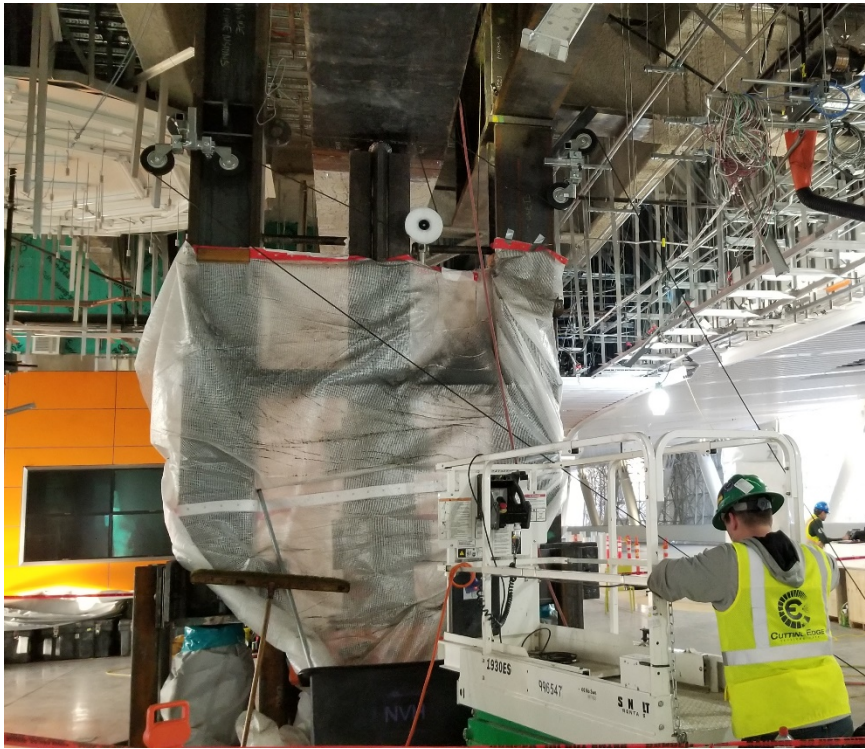


Fremont Street Phase 3 Sampling (Bus Deck Level)



Samples being removed by 'In Place Machines/Cutting Edge of Wisconsin' by a wire saw (mutually agreed by Peer Review Panel & project experts),

Fremont Street Phase 3 Sampling (Bus Deck Level)



Samples removed by In Place Machines/Cutting Edge of Wisconsin by a wire saw
(mutually agreed by Peer Review Panel & project experts)

Fremont Street Phase 3 Sampling Coupons/Expert Review



Samples are being tested by LPI labs of New York (mutually agreed by Peer Review Panel & project experts)

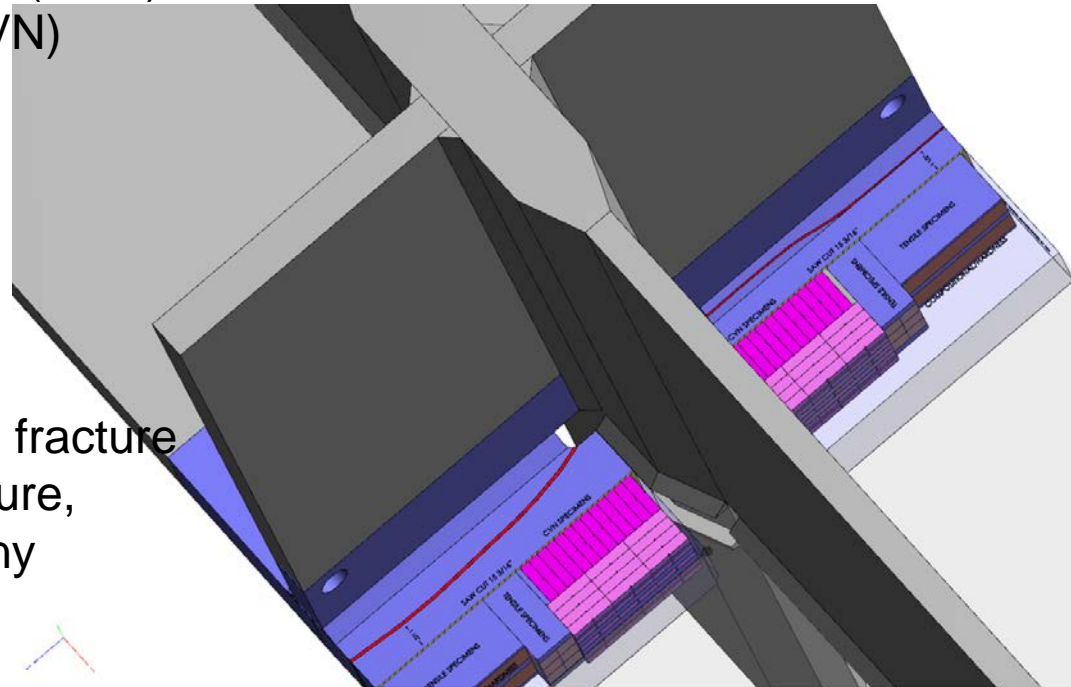


Fremont Street Phase 3 Testing

Tests being performed with Peer Review

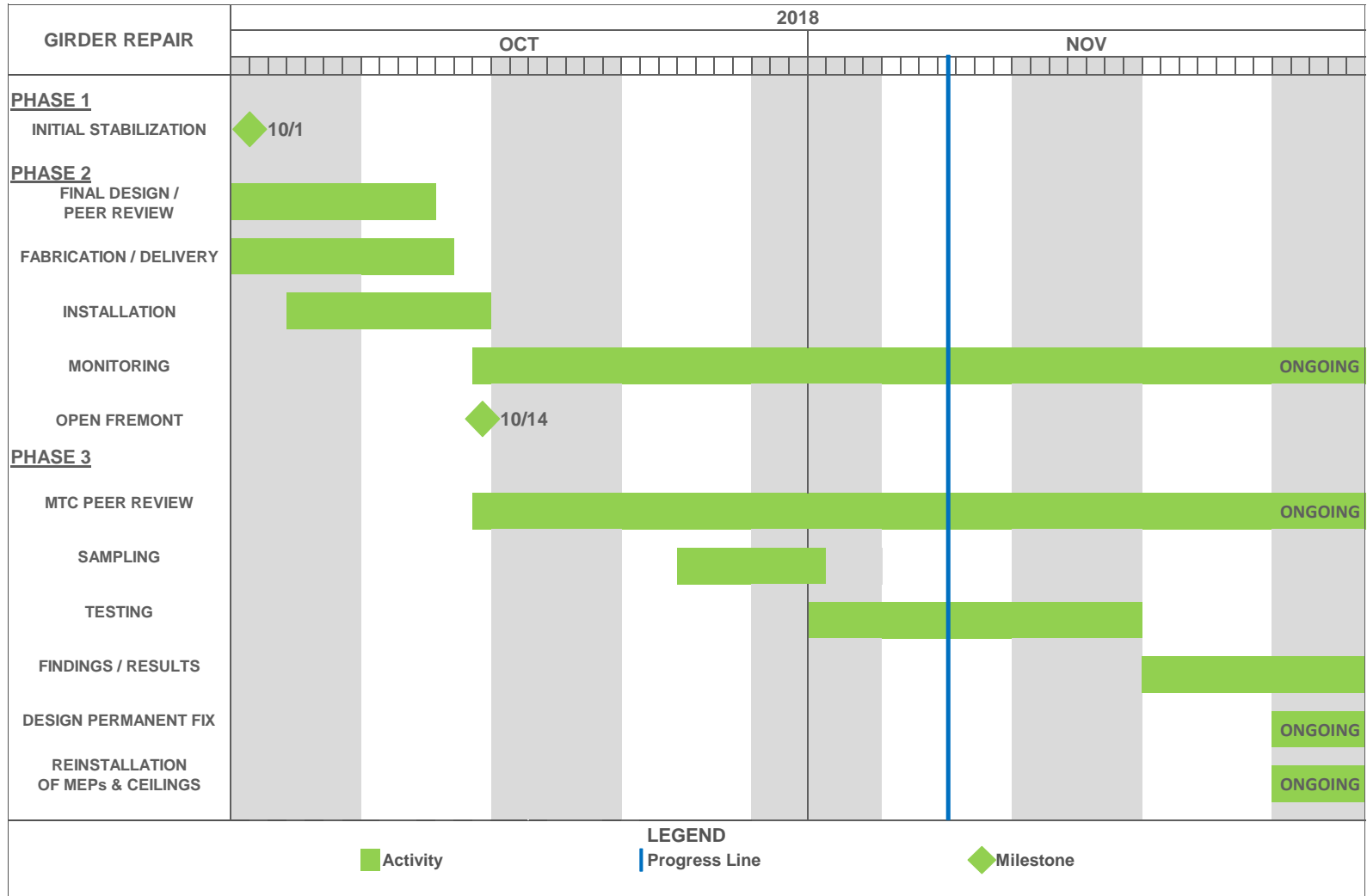
Panel Approval:

- Scanning Electronic Microscopy (SEM)
- Charpy V Notch Toughness (CVN)
- Rockwell Hardness Test (HRC)
- Tensile Test
 - Dual Tensile
 - Quarter Tees
- Fractographic analysis
- Metallographic Analysis
- Stereographic Evaluation of the fracture surfaces noting node(s) of fracture, origin and relevant defects, if any
- Macrostructure Examination
- Microstructure Examination

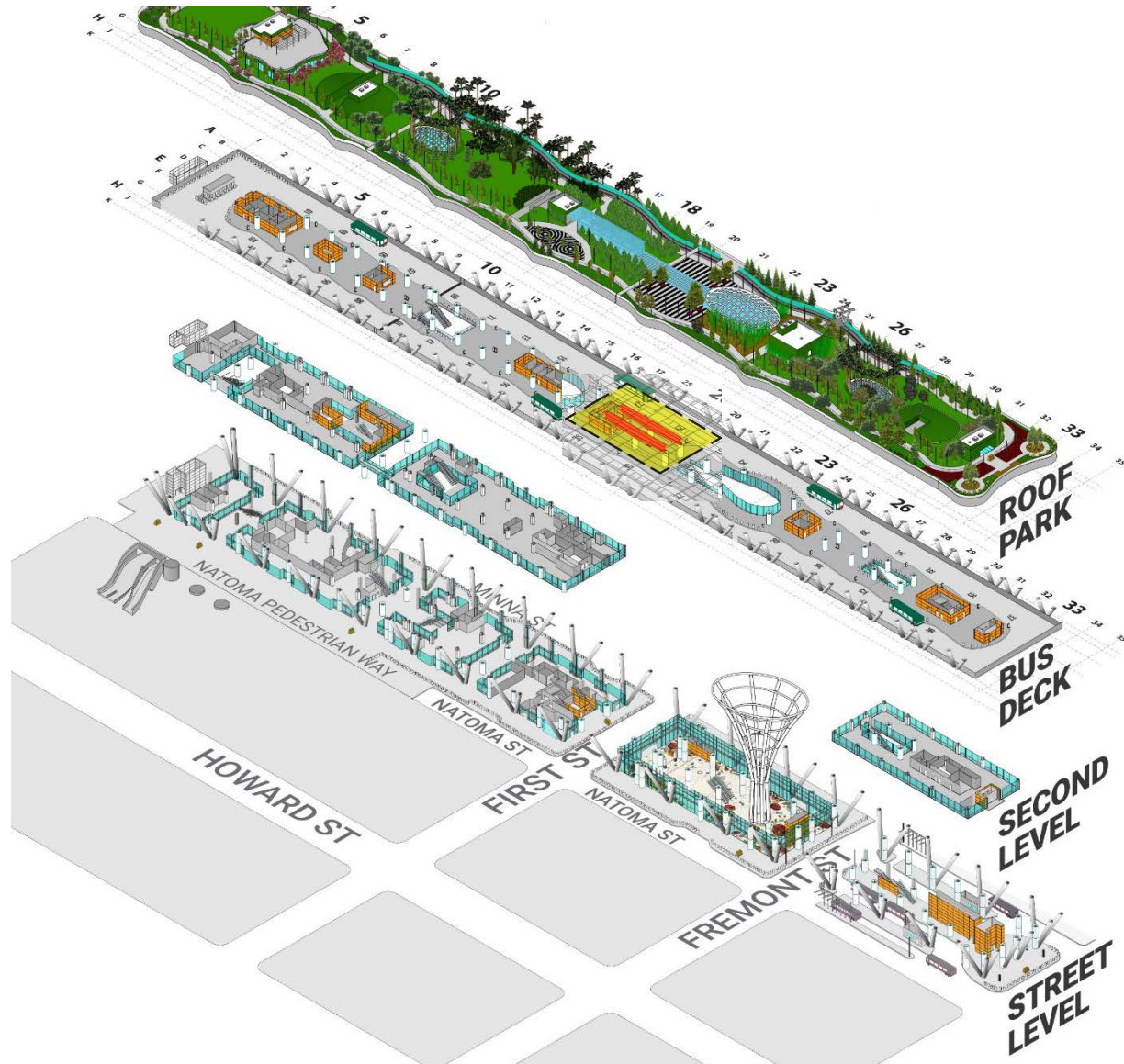


Fractures are not to scale - approximate locations

Schedule



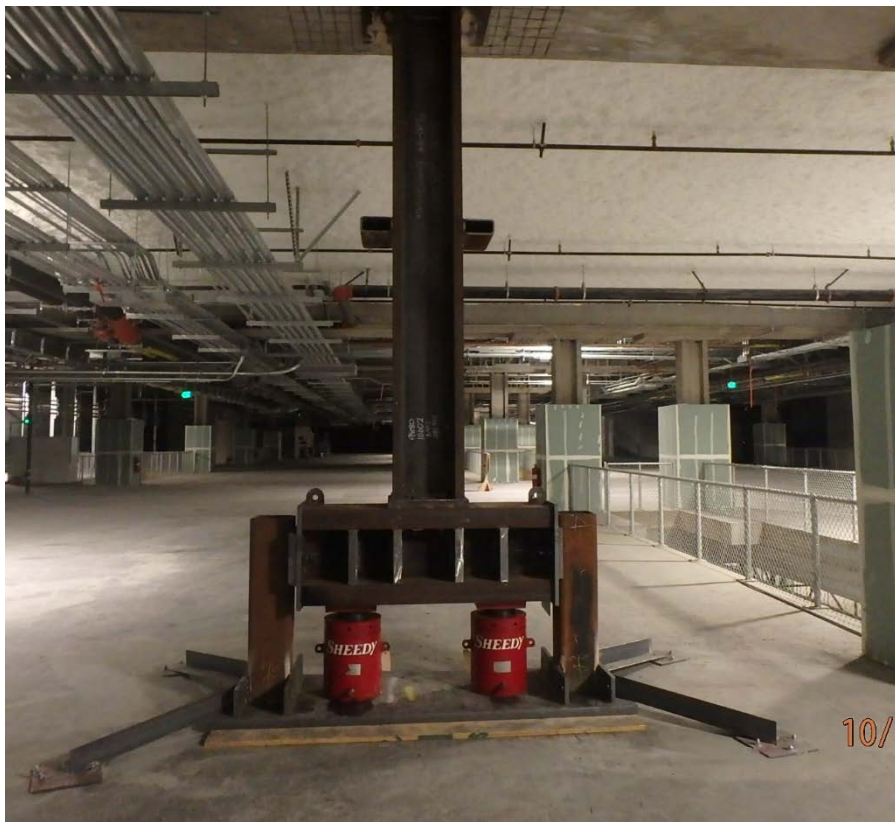
Isometric View – First Street



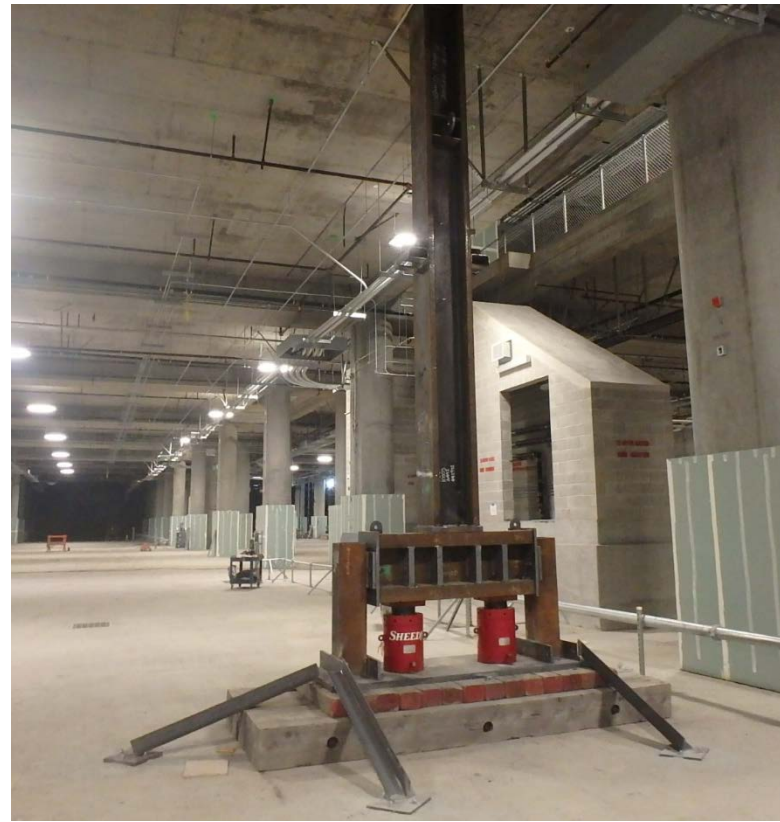
First Street Temporary Support Schematic



First Street Temporary Support (Trainbox levels)

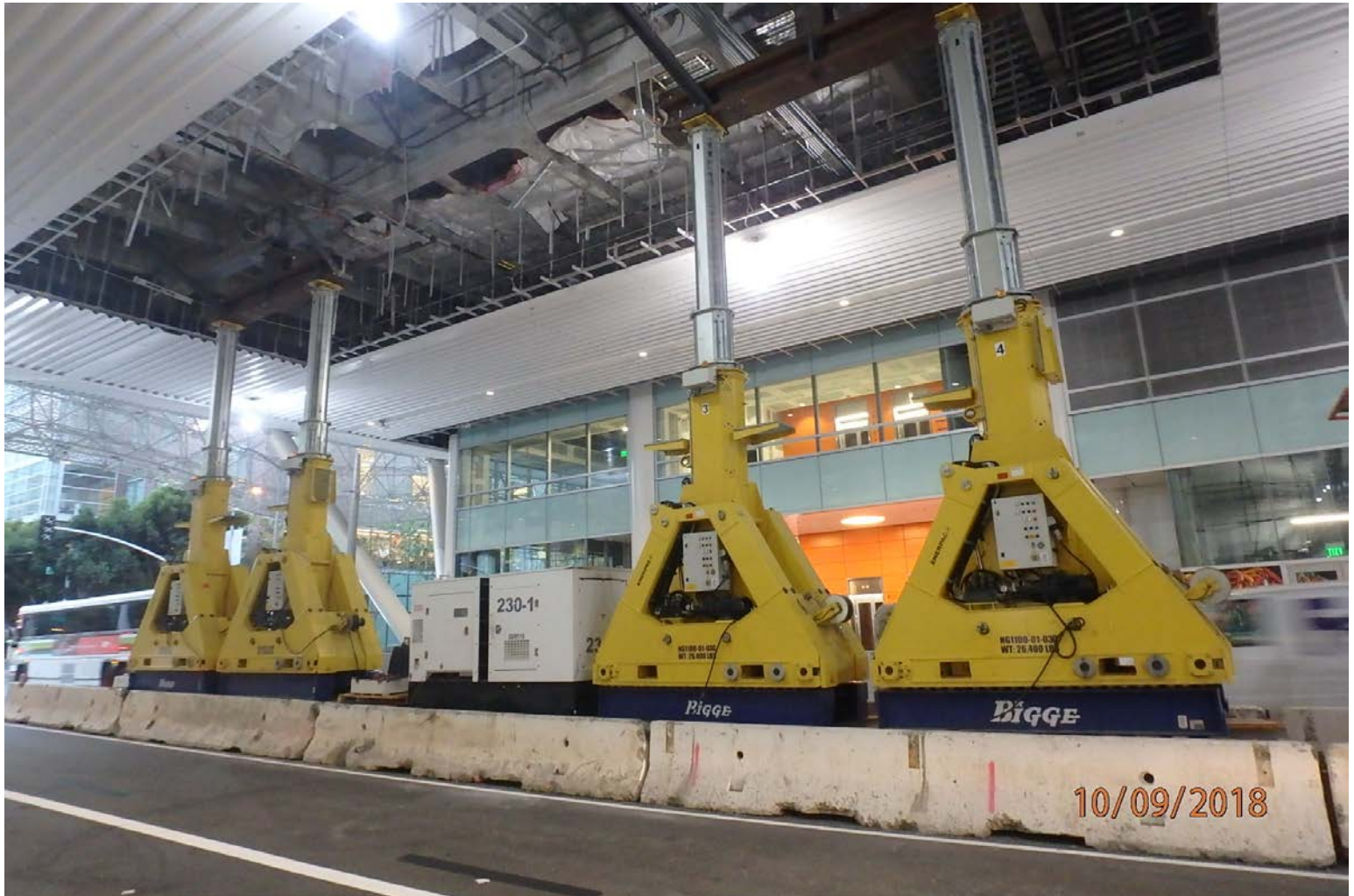


Lower Concourse level



Train Platform level

First Street Temporary Support Gantry Jacks installed (Ground Level)



First Street Temporary Supports and Traffic Control installed



First Street Testing



Core sample taken to advance testing process

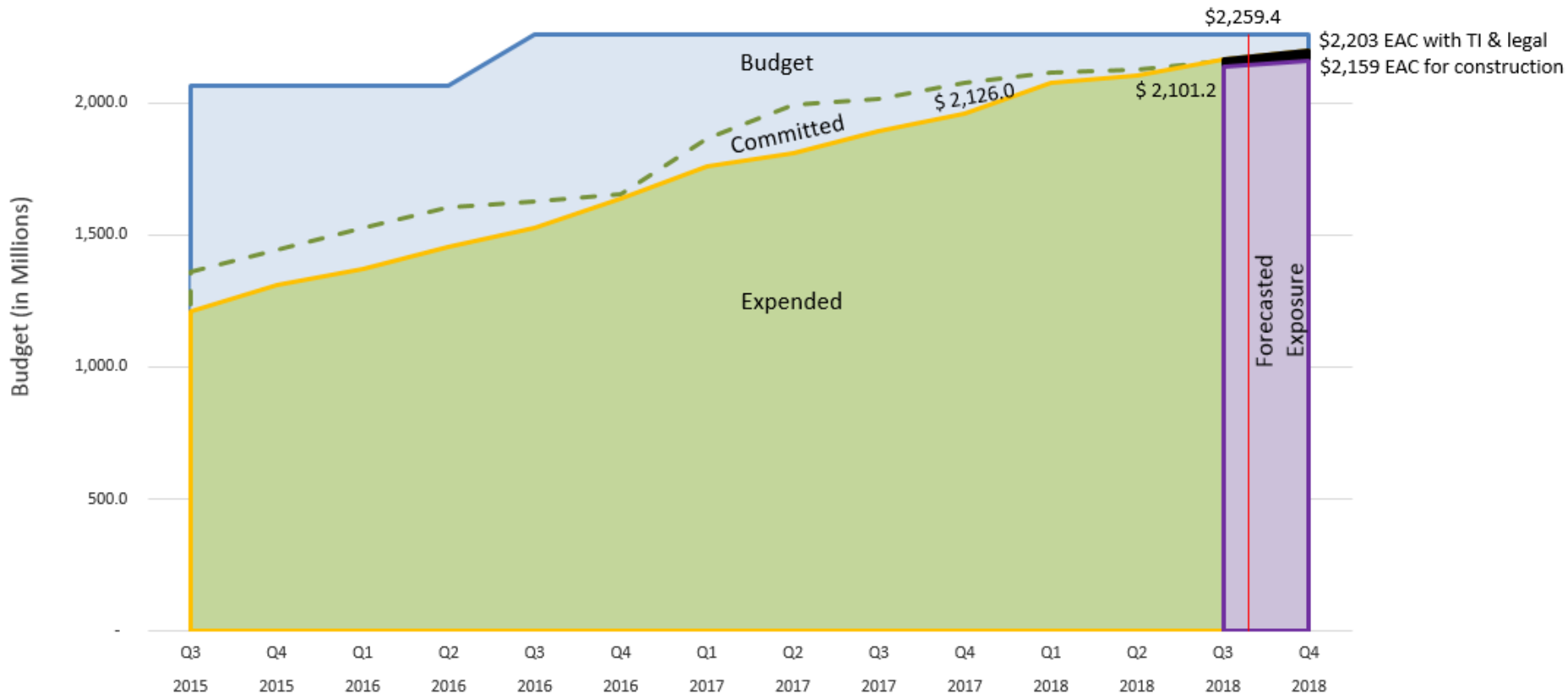
Next Steps

- Testing underway at LPI labs
- Determine Cause/Design Potential Fixes
- MTC Peer Review Panel approval of recommended fix
- Implement permanent fix
- Open the Facility
- Complete evaluation of other elements, as required, by the Peer Review Panel

Budget

Phase 1 - Transbay Program

Data thru: Sep '18



93% Program Budget

Contingency Cost

Contingency Tracking (\$millions)

| | Construction Contingency | CM/GC Contingency | Program Reserve | Total Contingency & Reserve |
|--|--------------------------|-------------------|-----------------|-----------------------------|
| Baseline Budget Amounts | \$61.8 | \$32.5 | \$117.0 | \$211.3 |
| Contingency Usage Through September 2018 | (\$47.7) | (\$18.4) | (\$54.7) | (\$120.8) |
| Remaining Baseline Budget Amounts (at September 2018) | \$14.1 | \$14.1 | \$62.3 | \$90.5 |
| Total Draws/Adds October 2018 | (\$0.7) | (\$0.1) | (\$0.0) | (\$0.8) |
| Remaining Balances | \$13.4 | \$14.0 | \$62.3* | \$89.7 |

Uses of Contingency this period

ERRCS and DAS installation, DBI vent changes, OT work in various areas.

Forecasted Contingency Use

CM/GC: \$1.9M

Construction: \$1.1M

Program Reserve: \$1.0M (Temporary placeholder transfer for girder repair effort: \$510K for peer review and \$500K for sampling and testing)

*Note: Program Reserve balance of \$62.3 million assumed to include contingencies earmarked for tenant improvements and legal costs related to 301 Mission St.

Contract Closeout Process

- Closeout Process Trade Packages includes:
 - As-built and Warranty receipt
 - Punchlist completed and accepted
 - Outstanding Non-compliances corrected and accepted
 - Commissioning & Training System completion
 - Full & Final closeout Change Order

Contract Closeout Status

- Closeout Status of 42 Trade Groups (TGs):
 - 10 TGs on the verge of Full & Final closeout
 - 7 TGs protracted by the Girder issue
 - 14 TGs in various stages of closeout process
 - 11 TGs expected to involve a claims process



Thank You

TJPA
TRANSBAY JOINT POWERS AUTHORITY

201 Mission Street, Suite 2100 San Francisco, CA 94105 • 415.597.4620 • www.tjpa.org