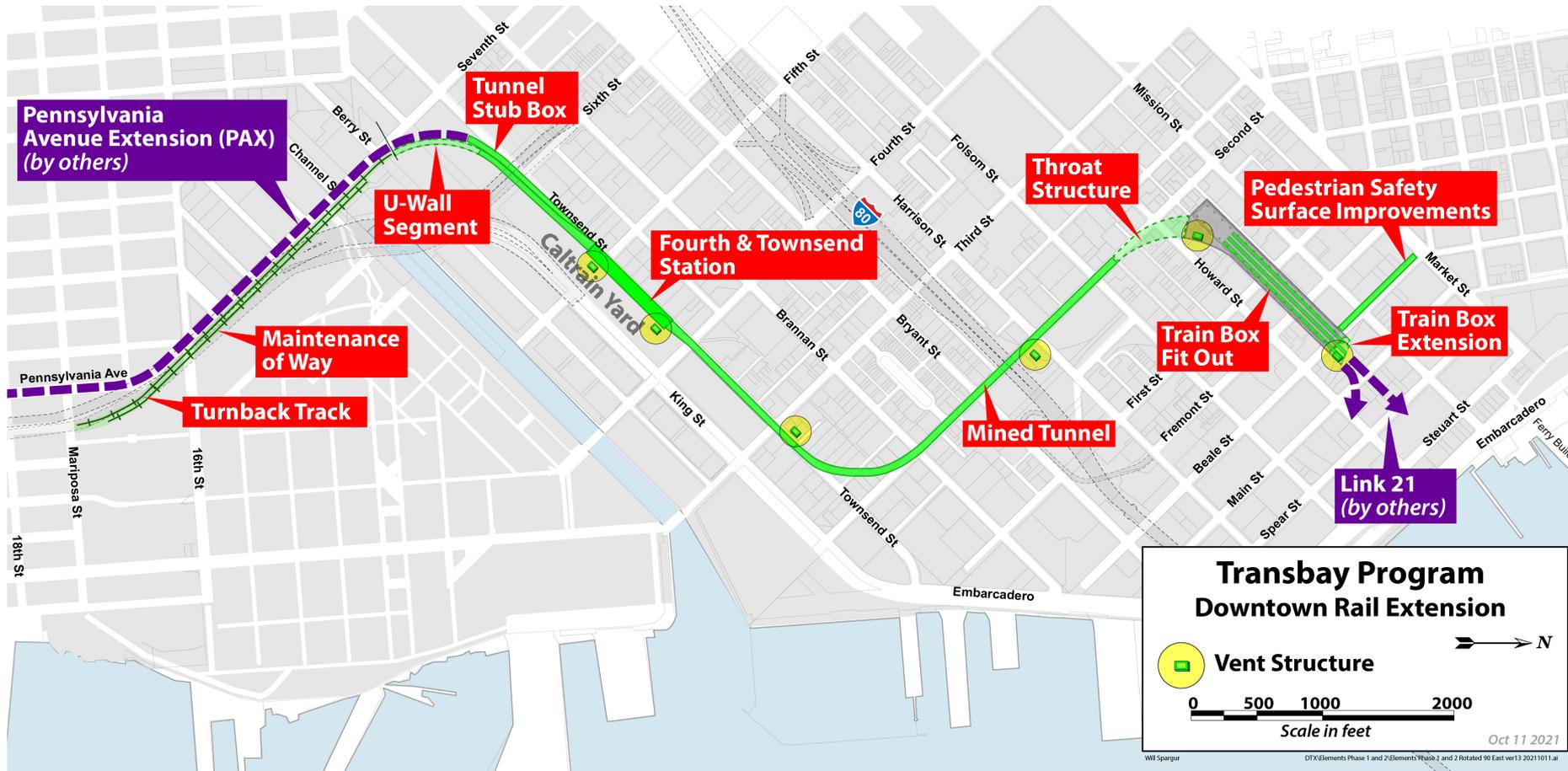


Transbay Program Downtown Rail Extension Project Development

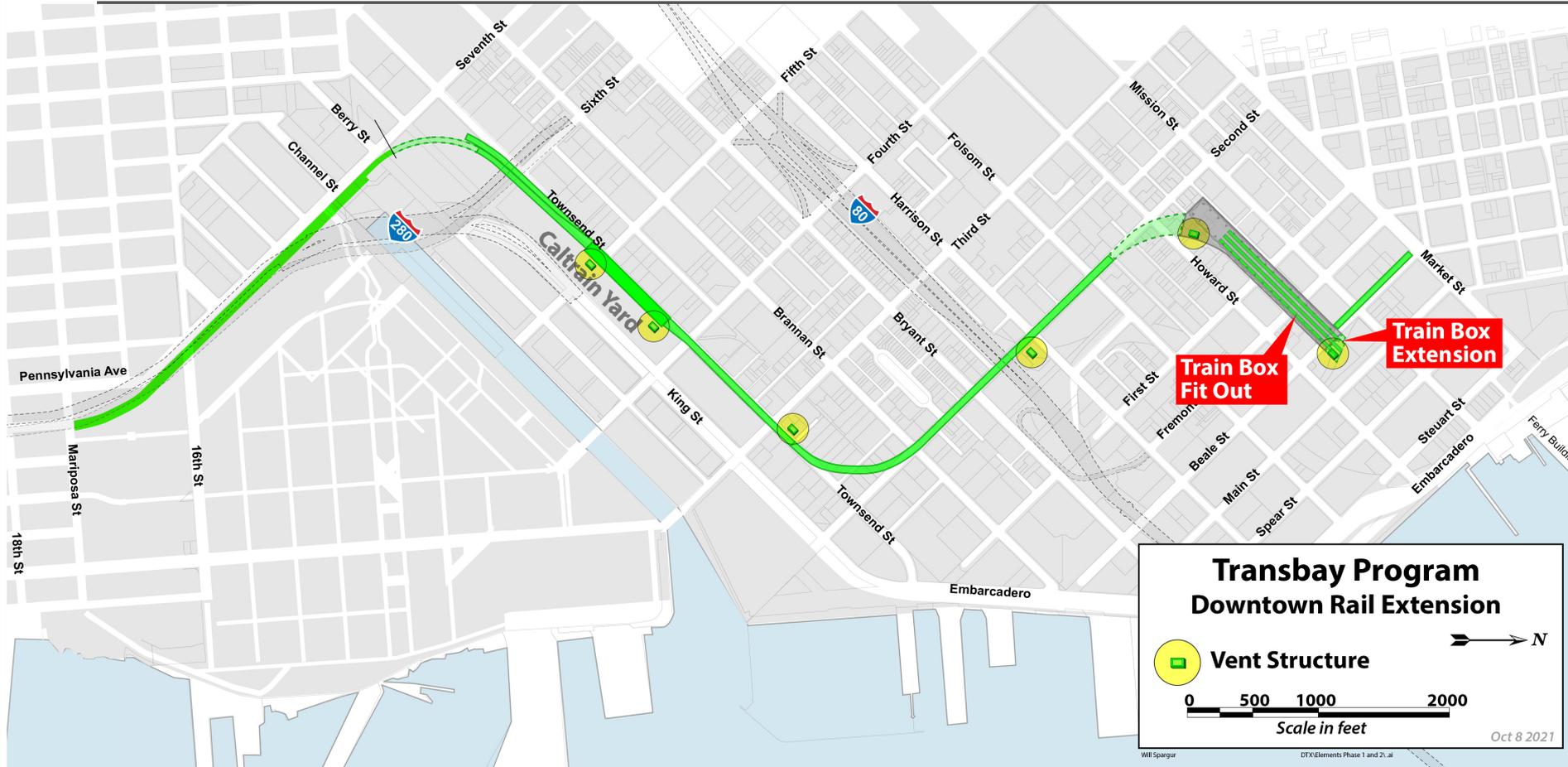
Citizens Advisory Committee
October 12, 2021



Downtown Rail Extension Alignment and Other Agency Projects



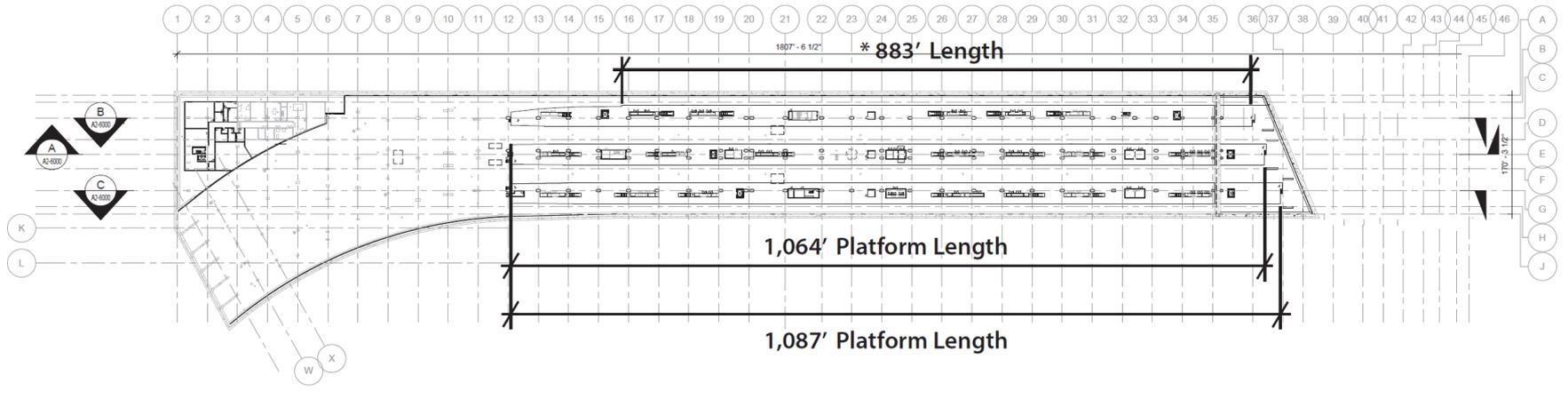
Train Box Fit-out & Train Box Extension



Train Box Fit-out



Train Box Extension



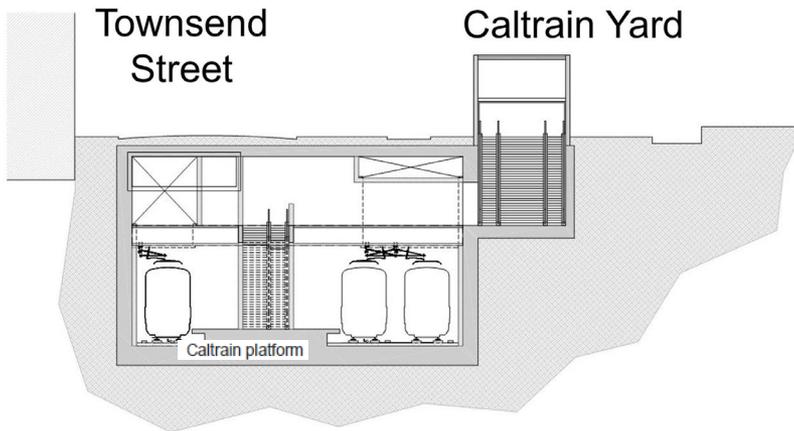
TRAINBOX ENDING AT PROPERTY LINE



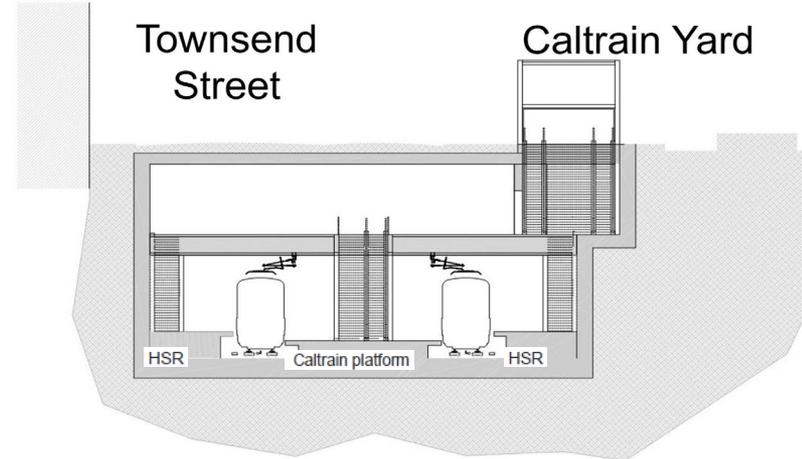
Fourth and Townsend Street Station



Fourth and Townsend Street Station



Transverse Section – Baseline Concept



Transverse Section – Station Concept C

Throat Structure & Mined Tunnel

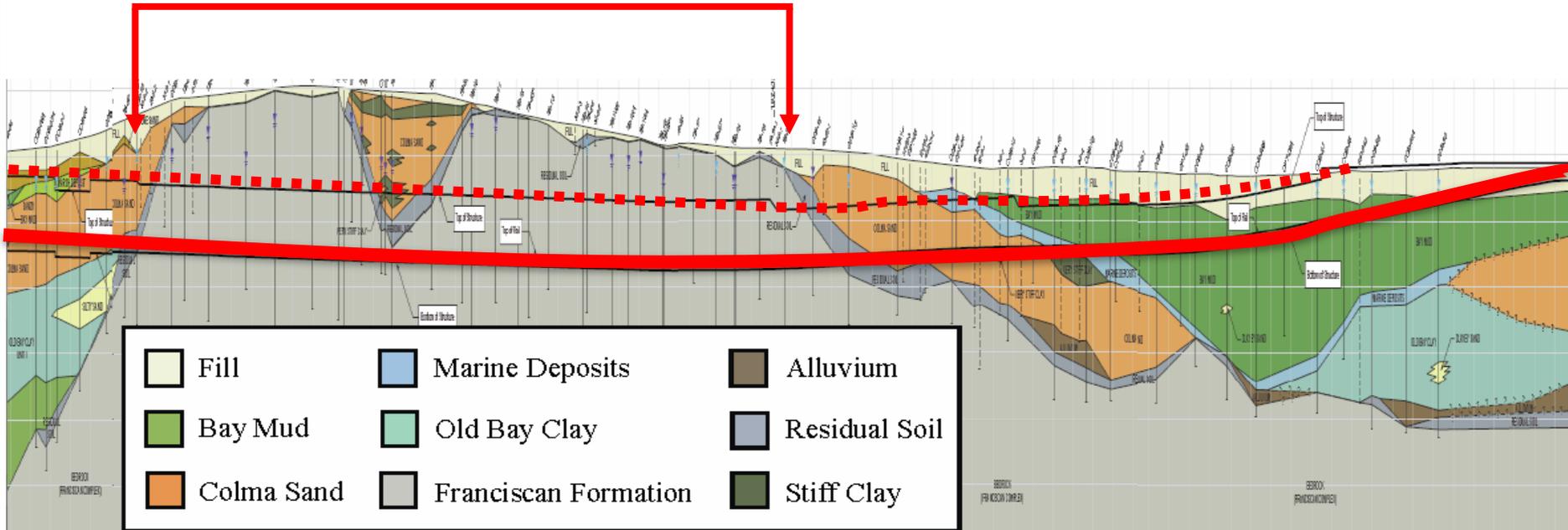


Ground Conditions



Geotechnical Soil Profile

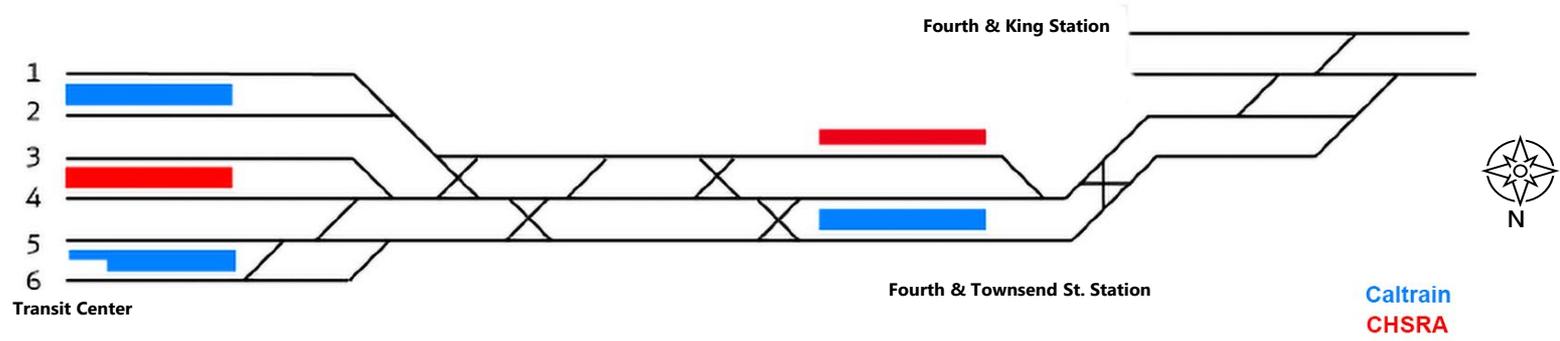
Baseline limits of mined tunnel segment



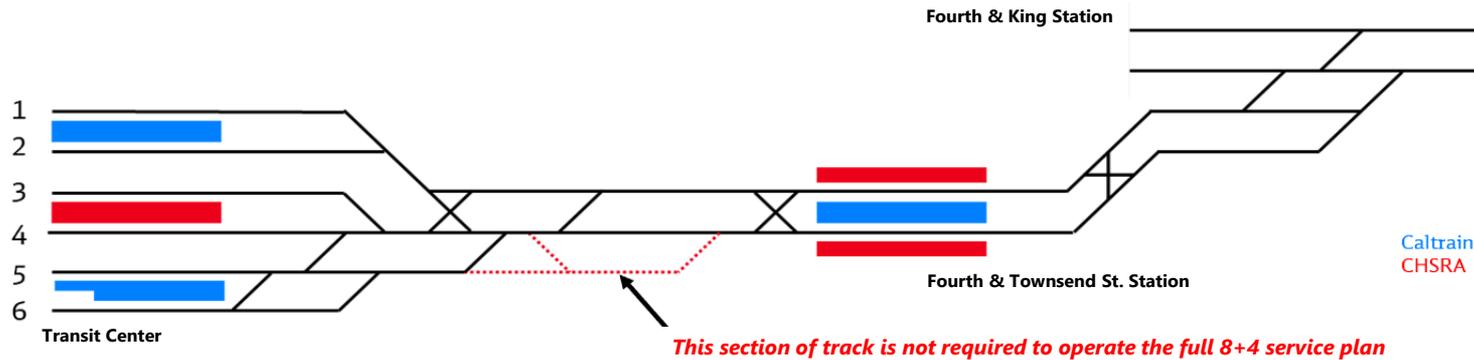
 Tunnel Crown

 Tunnel Invert

Tunnel Trackwork

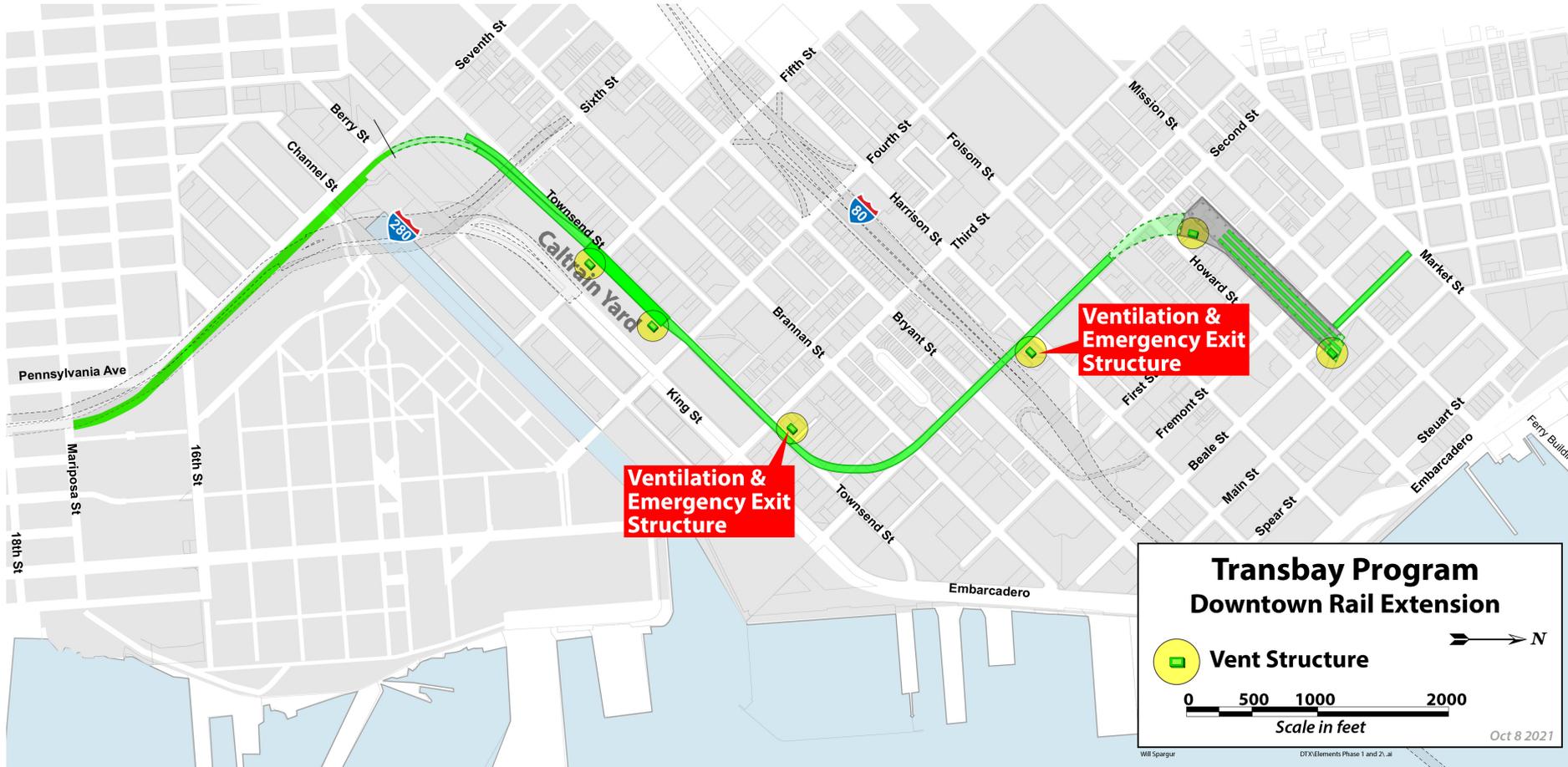


Trackwork Schematic – Baseline Concept



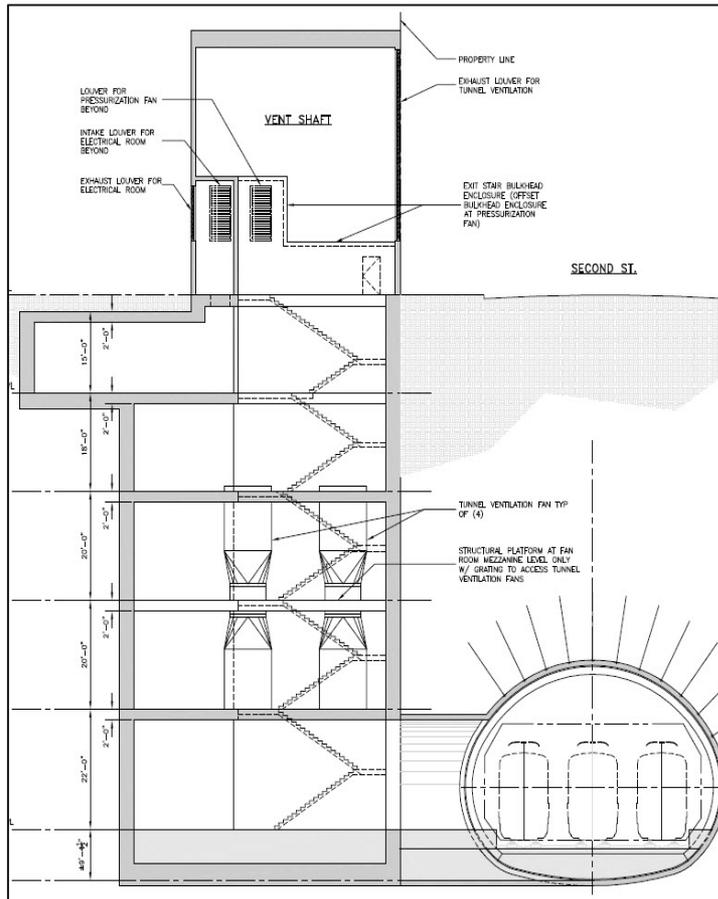
Trackwork Schematic – Concept C

Ventilation & Emergency Exiting Structures

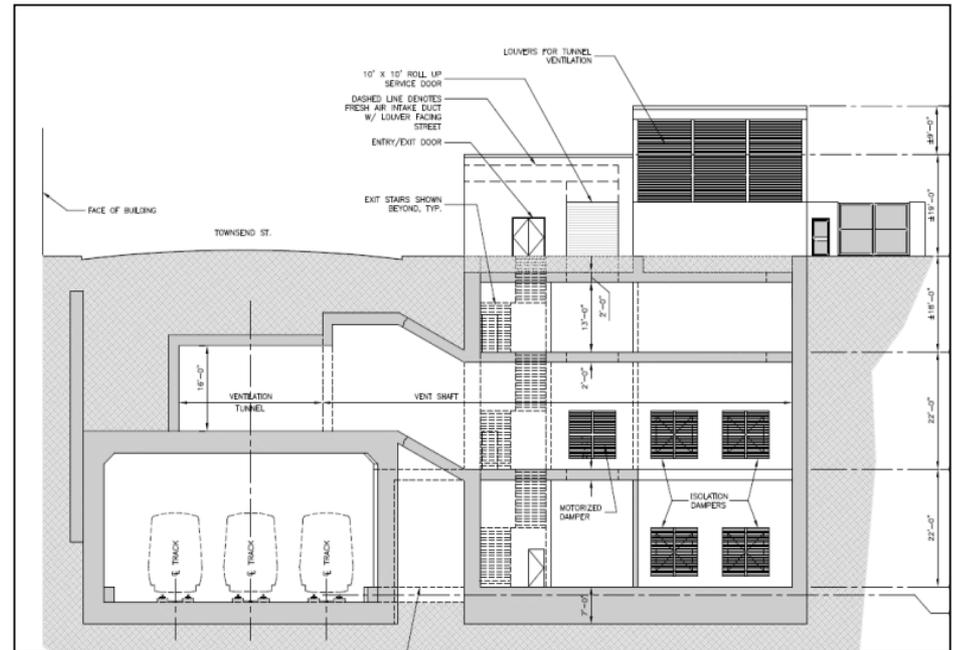


Ventilation & Emergency Egress Structures

Vent Structure at Second & Harrison



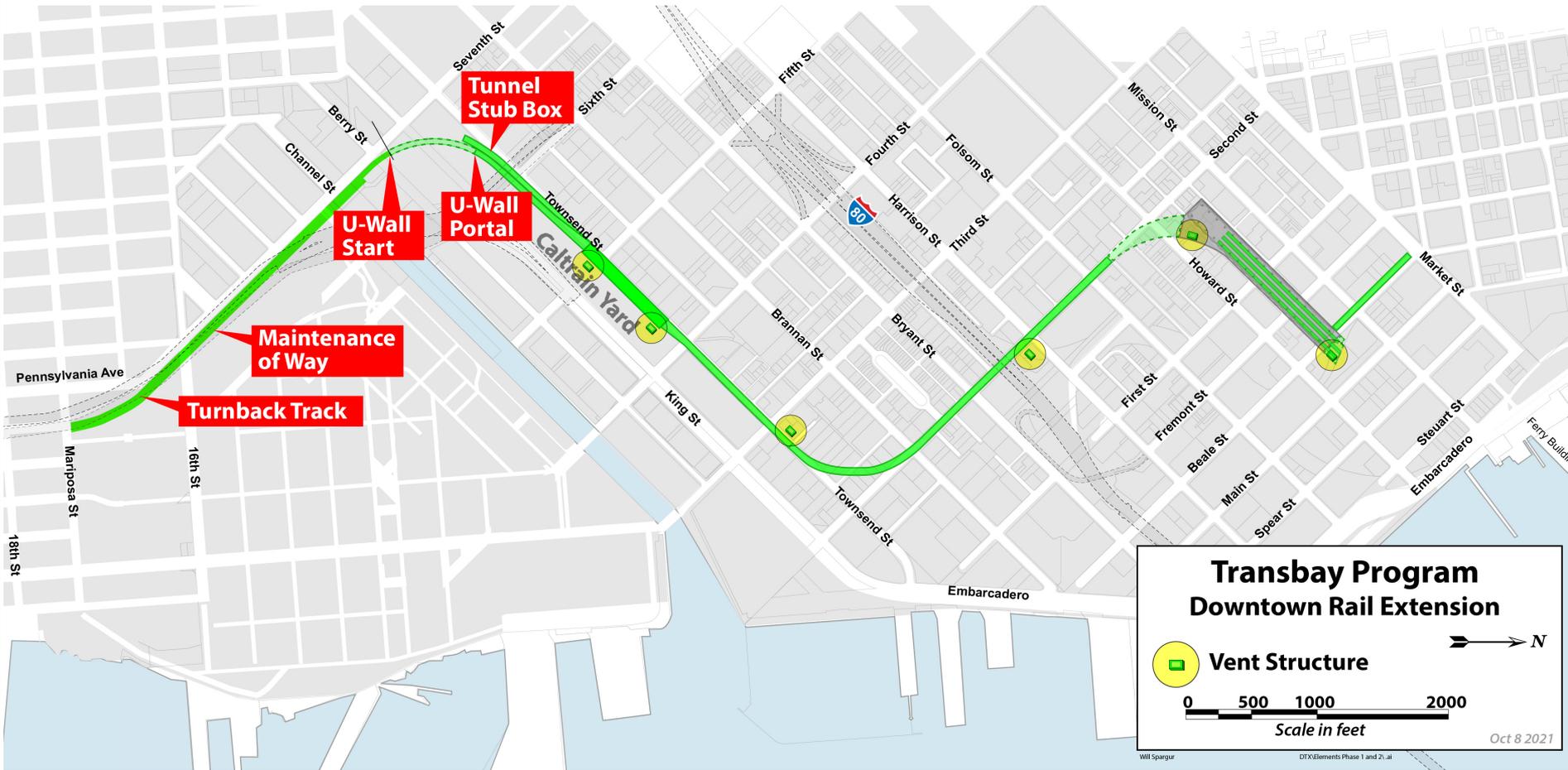
Vent Structure at Third & Townsend



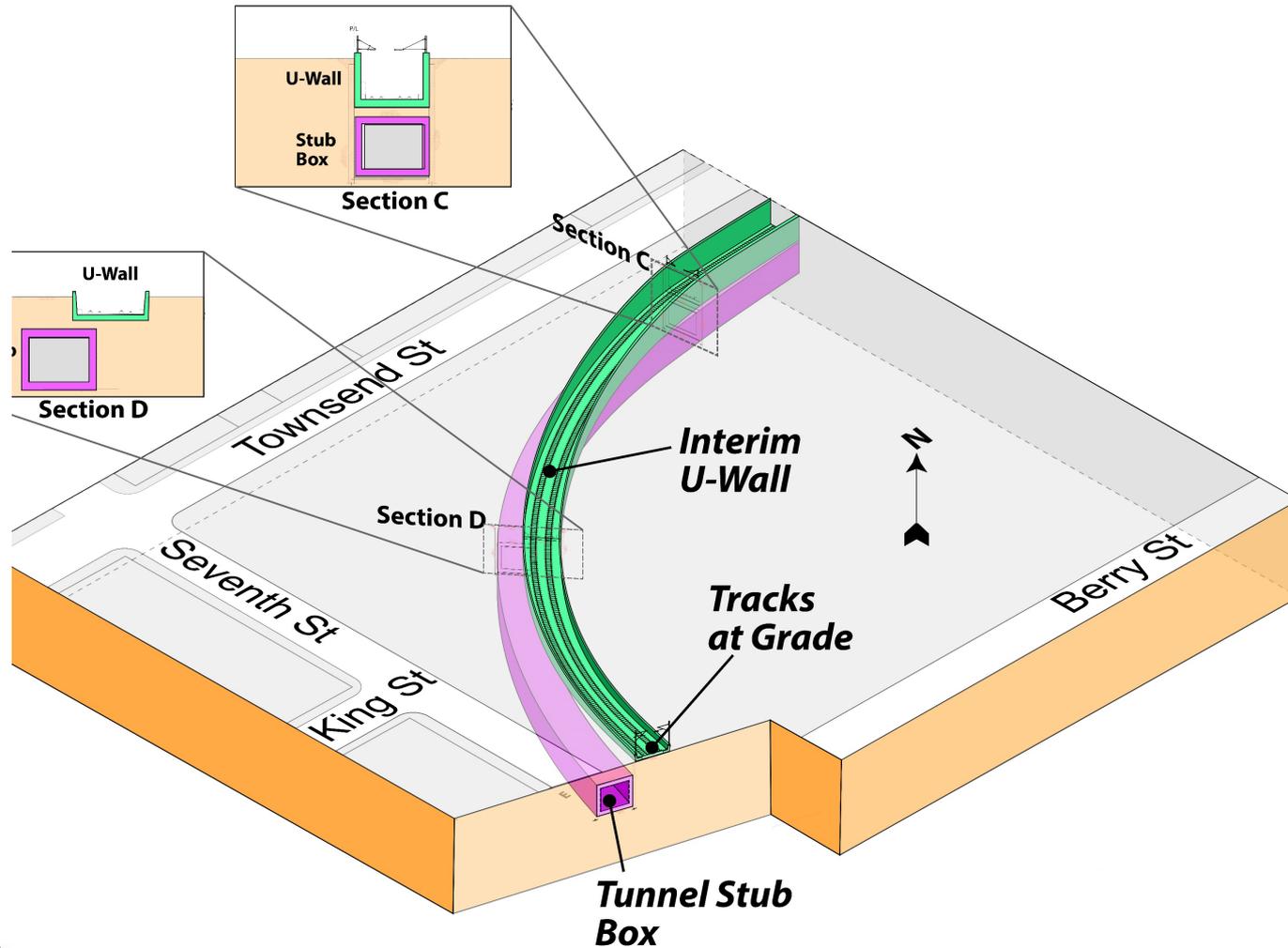
Additional Vent Shafts at the Transit Center and Fourth & Townsend St. Station

Required by code: NFPA 130

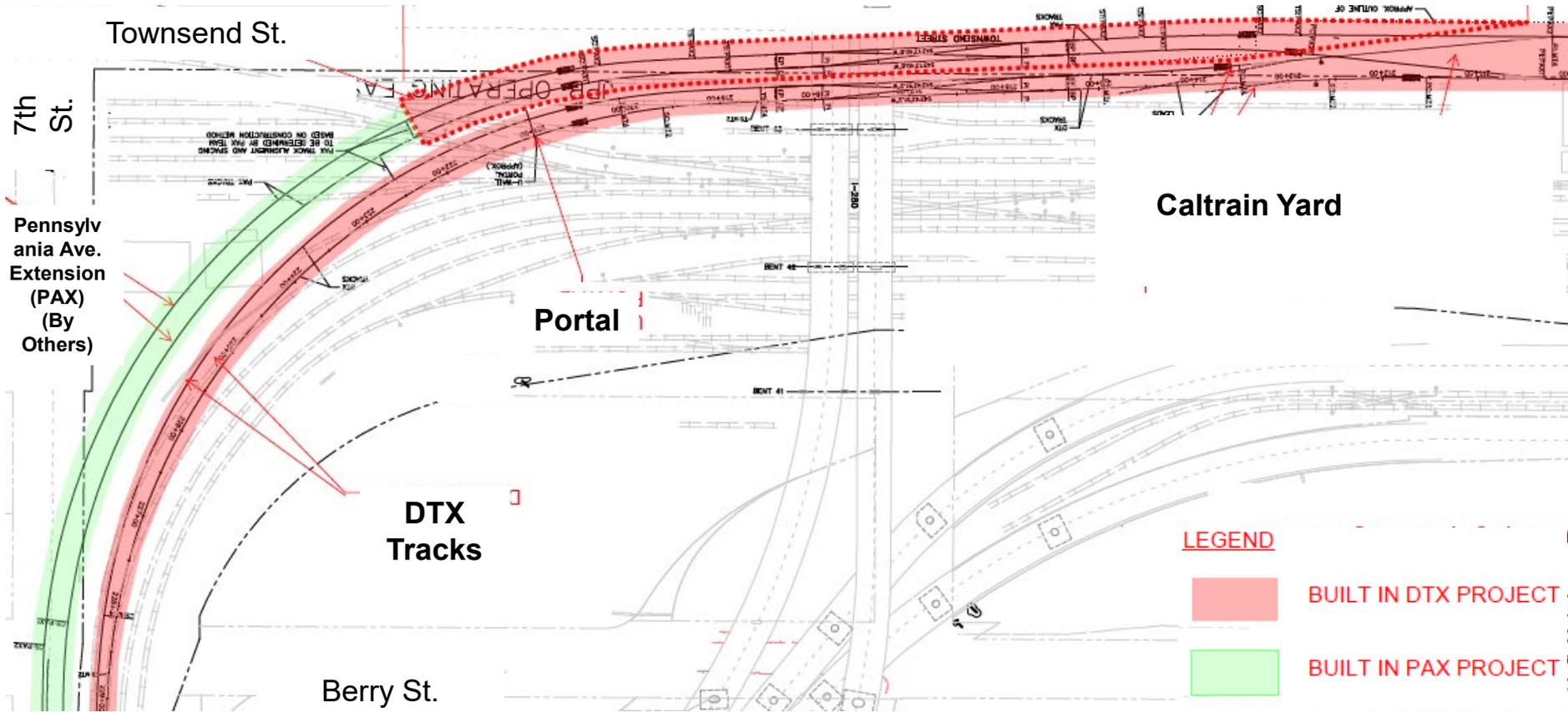
U-wall, Tunnel Stub & At-grade Trackwork



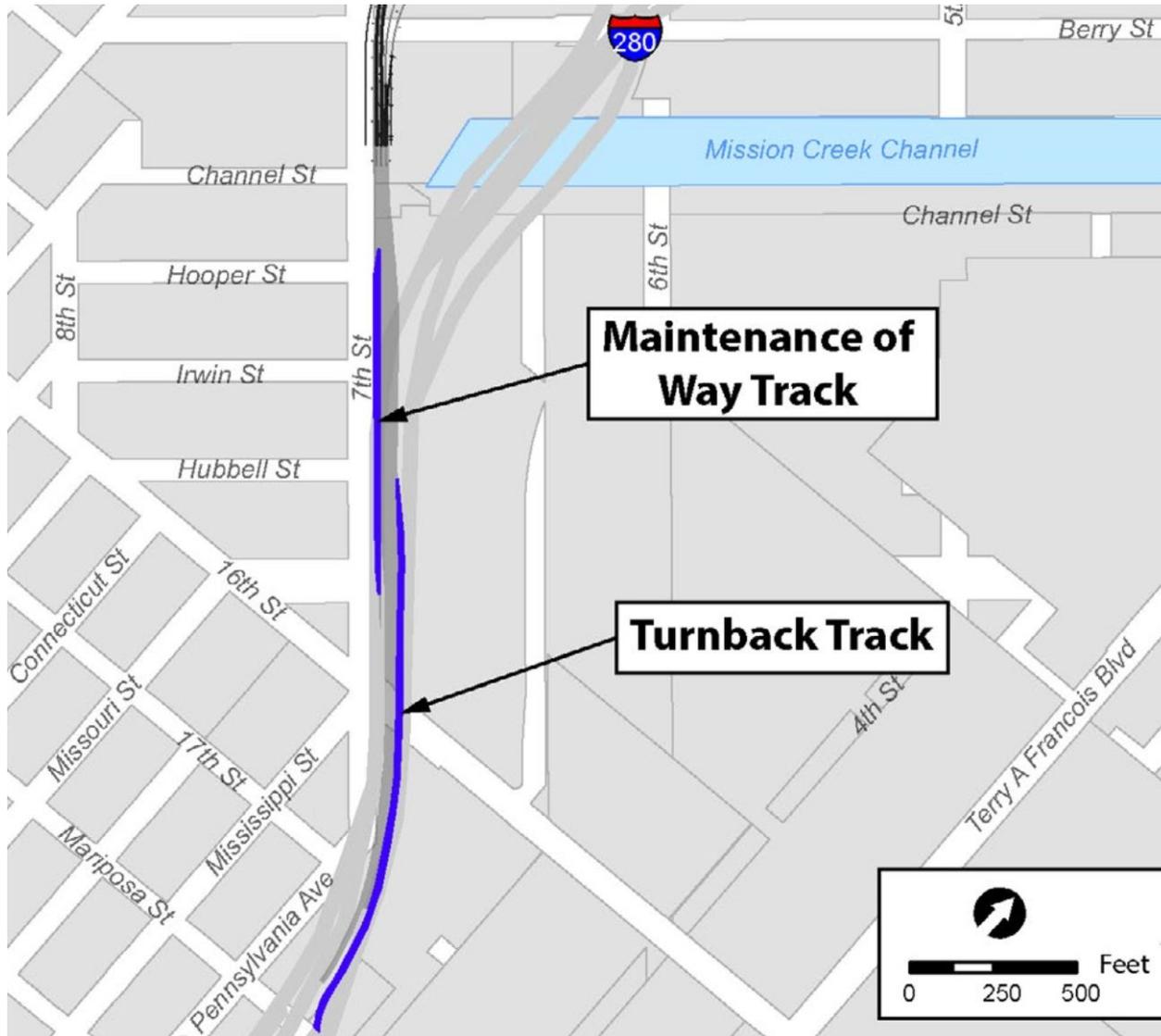
Baseline Concept U-wall & Tunnel Stub for Future Grade Separation



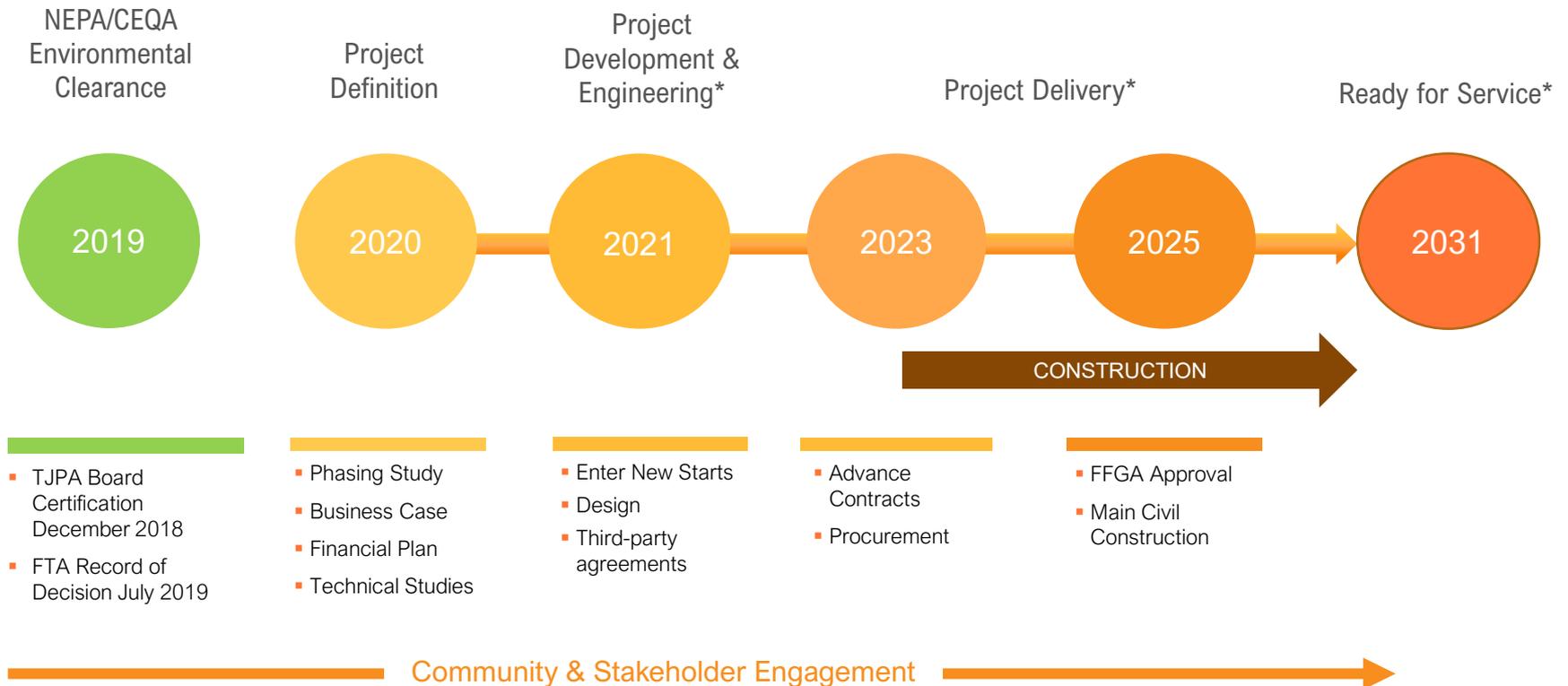
U-Wall & Tunnel Stub for Future Grade Separation by Other Agencies



Maintenance-of-Way & Turnback Tracks



Project Schedule



* SUBJECT TO FUNDING



Questions?

TJPA
TRANSBAY JOINT POWERS AUTHORITY

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