



**SFMTA**

# Cellular in the Tunnel Project

Project Overview, Status Updates

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# Agenda for May 1, 2025

- Project Overview
- Project Status
- Next Steps

# Cellular in the Tunnel Project - Overview

## Background

- ❑ Communication Agreement between BART and SFMTA was approved by the Board of Supervisors and signed by Mayor Ed Lee on November 4, 2016
- ❑ Communication Agreement allowed BART (on SFMTA's behalf) to sign contract with a vendor – Boldyn Networks (previously Mobilitie)
- ❑ Pursuant to this Agreement, SFMTA would allow BART's Vendor to install Network Infrastructure at SFMTA Tunnels that would provide cellular signal from Service Providers (e.g., AT&T, Verizon, T-Mobile, etc.)
- ❑ Communication Agreement would allow SFMTA to collect a portion of the revenue annually (based on calculations)

## Objective

- ❑ Enable cellular signal availability in SFMTA Underground Tunnels (Central Subway, Muni Metro Tunnels)
- ❑ Generate revenue through profit sharing

## Benefit

- ❑ **Customer Focus:** Availability of cellular signal inside SFMTA Tunnels
- ❑ **Revenue Generation:** Revenue sharing with BART (BART is projecting ~\$1 million per year for SFMTA)
- ❑ **No SFMTA Cost:** BART/Boldyn covers all SFMTA resource costs
  - ❑ Sept. 2020 to Dec 2024 - SFMTA has received **\$6.7 million** from BART/Boldyn
- ❑ **Additional Fiber:** 72 strands of dark fiber in Market Street Tunnel for 100% SFMTA non-commercial use – \$0 Cost to SFMTA
- ❑ **\$0 maintenance cost:** Boldyn is 100% responsible for the maintenance and upkeep of the system for the life of this agreement

# High level Implementation Plan

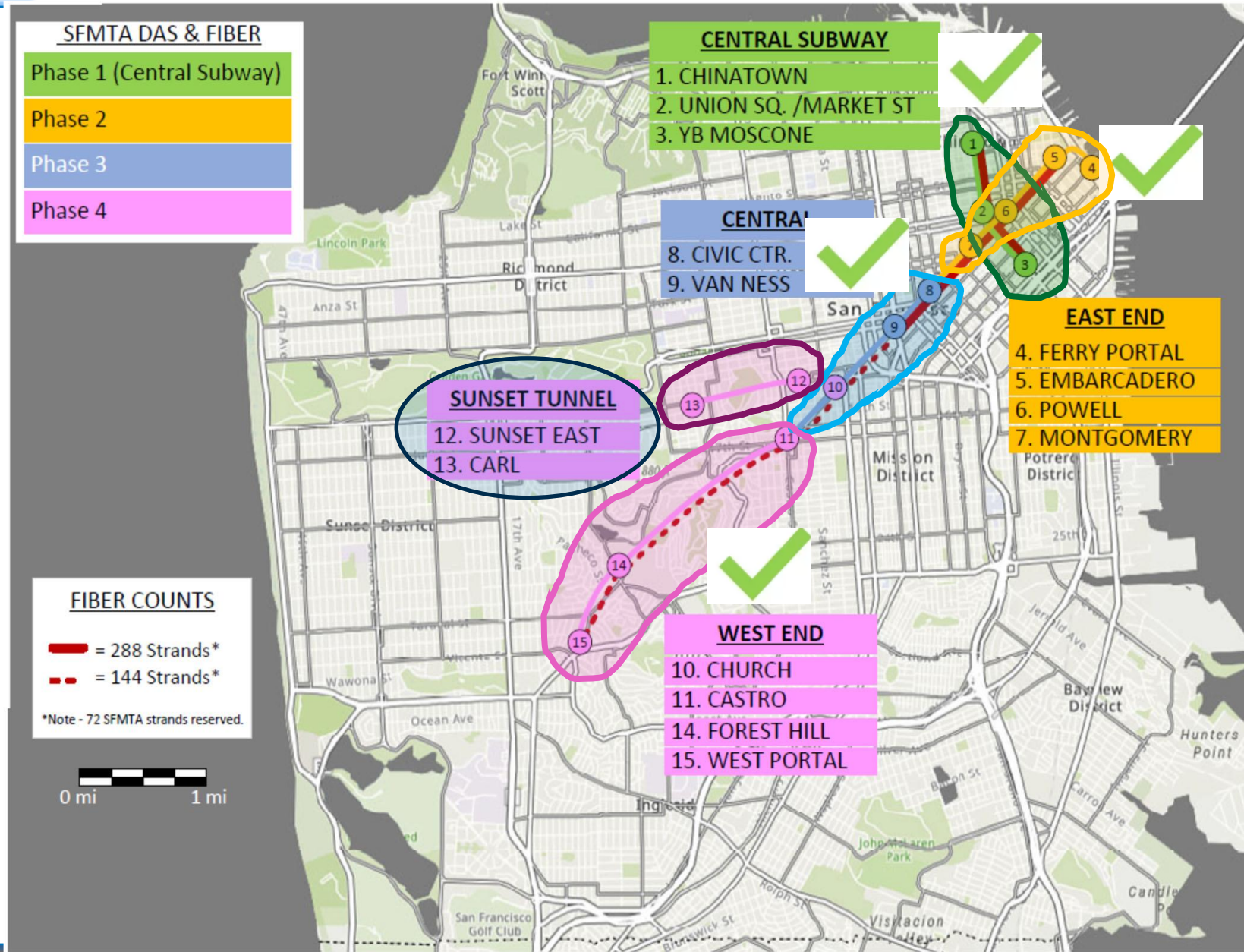
## In-Scope

Cellular Capability at the following SFMTA Tunnel Sites:

- **Central Subway:**
- **Market Metro (Muni Metro) Tunnels:**
- **Sunset Tunnel: To be completed in May 2025**

## Out of Scope

- **Wi-Fi Services:** Wi-Fi capabilities is out of scope for this project at this time



# Accomplishments & Next Steps

## What has been Completed:

- ❑ **Verizon & AT&T Signal:**
  - ❑ **Central Subway**
  - ❑ **Muni Metro Tunnels**

## Next Steps:

- ❑ **Complete Sunset East & Carl Tunnel – End of May 2025**
- ❑ **Bring T-Mobile On-Air – Soon, awaiting T-Mobile to sign the Agreement**
- ❑ **C-Band Enhancements – Later part of CY-2025**
  - ❑ **This effort will increase the speed and range of current signal**
- ❑ **2025 – 2039 (20-year agreement starting from 2019):**
  - ❑ **Contract Management**
  - ❑ **Revenue Collection**

Questions??

Thank you!