

**Massachusetts Bay
Transportation Authority**

Public-Access Naloxone at Red Line Stations

Board Meeting | MBTA Safety, Health & Environment Subcommittee
July 11, 2024

Rachel E. Morse, Sr Director of Transit Policy

FY24 Budget Directive to Install Naloxone on Red Line

\$95,000 was earmarked in the Massachusetts FY24 budget for the placement of naloxone (i.e. Narcan) at all MBTA Red Line stations, as follows:

- Each red line station shall have 3 freestanding unalarmed naloxone boxes containing 2 units of 4 milligram intranasal naloxone spray;
- The boxes shall be checked daily to replace used naloxone and to create a record of naloxone used each day;
- Flyers shall be mounted around the boxes with instructions on how to use naloxone in the event of an emergency.

The program was inspired by a group of students at Harvard, the Harvard College Overdose Prevention and Education Students (HCOPES) through an article published in June 2023, “*Designing a public access naloxone program for public transportation stations*”. The budget amendment was sponsored by State Sen. John Keenan, Norfolk and Plymouth District.



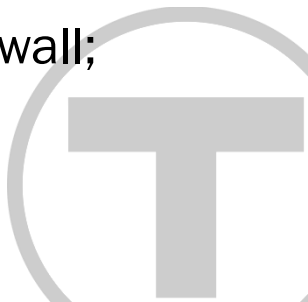
5 Pilot Stations Launching in July 2024

- Boxes will be installed in phases, beginning in July 2024.
- Phase 1 (Pilot) will include 5 stations: **Quincy Center, Ashmont, Andrew, South Station, and Harvard.**
- Pilot stations selected based on overdose-related data at or near stations in combination with presence or short response time for TPD in the event of an emergency.
- Pilot phase will last 3-6 months with close monitoring of uptake rate, 911/EMS call data, and oversight by MBTA Safety Department, after which the remaining Red Line rollout will be determined.



Program Design

- **Location of Cabinets/Naloxone:** Unpaid and paid lobby areas, as well as in or near publicly accessible restrooms. Cabinets will not be placed on platforms.
- **Signage:** Flyers in English, Spanish, and Chinese will be posted next to each cabinet indicating:
 - How to identify an overdose and how to use naloxone
 - Warning to stand back after administering naloxone
 - How to report an empty cabinet
 - Warning that MBTA staff are not trained to provide medical assistance
 - QR code linking to state harm reduction program locator and how to obtain training
- **Daily Checks and Naloxone Replacement:** RL Inspectors will check the cabinets, replacing any used, opened, or expired naloxone, and recording every replacement in their station daily report. A small supply of extra naloxone will be stored inside the Inspector's booth at stations where storage is possible.
- **Cabinets meet accessibility requirements,** including not protruding more than 4 inches from wall; hung with appropriate ranges for clear floor space.



Public Access

- **Program is meant for public access.**
 - No new requirement or expectation that MBTA staff will be trained to administer naloxone.
 - However, Transit Police officers do carry Narcan and are trained to administer it.
- Aim of the program is to make life-saving medication publicly available either for immediate use or for people to carry with them.
- Program design is similar to City of Cambridge's public access program: naloxone is made available in public buildings for anyone to use in case of emergency. Staff are not required to be trained but may choose to take a training offered by the state.



Program Evaluation and Oversight

- MBTA Safety Department has conducted Safety Risk Management (SRM) review; will monitor closely for first 90 days and then hold a second SRM.
- Data collection will include: naloxone replacement rates; 911/EMS calls; TPD and OCC responses; reports of empty or damaged cabinets; reports of overdoses reversed on site; and any known adverse safety incidents related to the program.
- Safety Department will be involved in the continuous review of data and reports to identify trends and patterns of concern.



Appendix



Phase 1 (Pilot)

Quincy Center, Ashmont, Andrew, South Station, Harvard



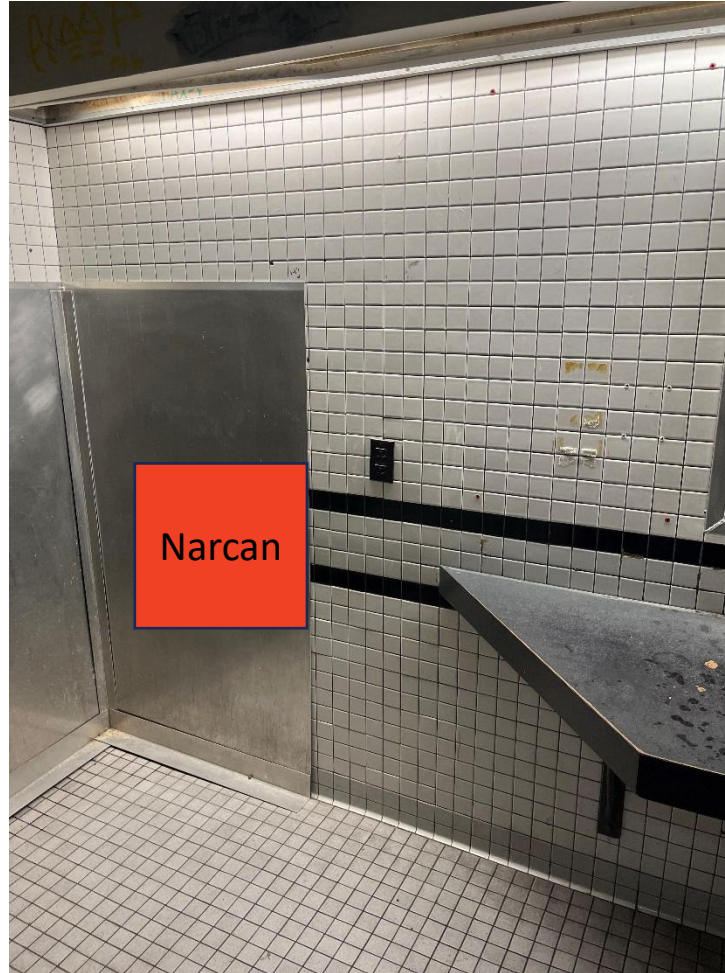
Quincy Center

#1: Unpaid area, right of fare gates

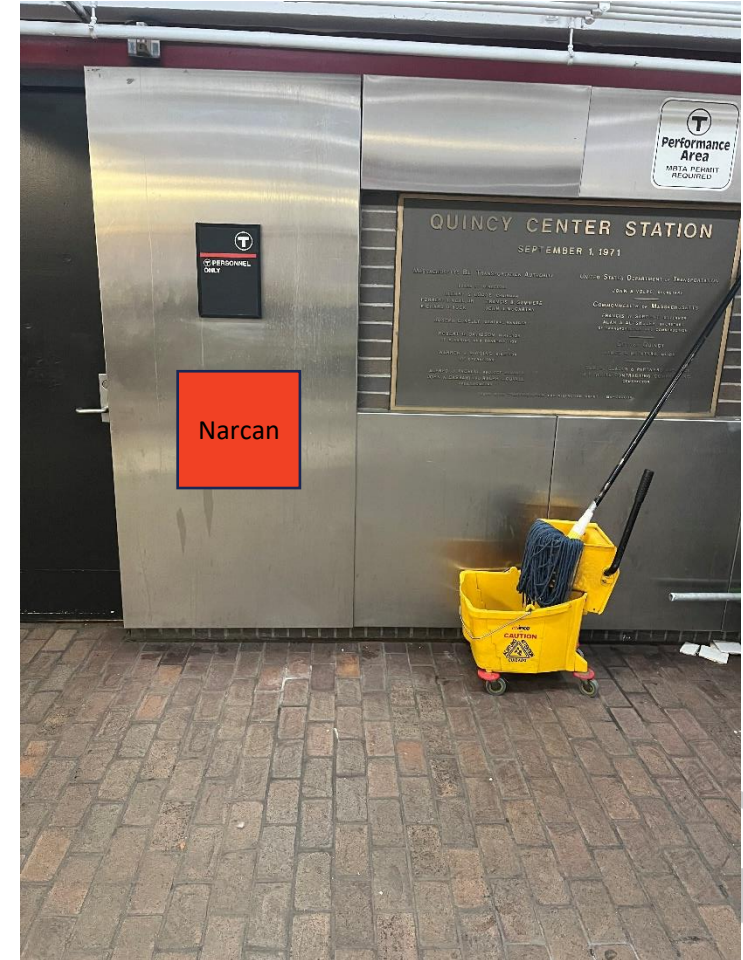


Right pamphlet shelf will be removed

#2: Inside public restroom



#3: Paid area, left of fare gates



Ashmont

#1: Unpaid area, north entrance



#2: Unpaid area, south entrance

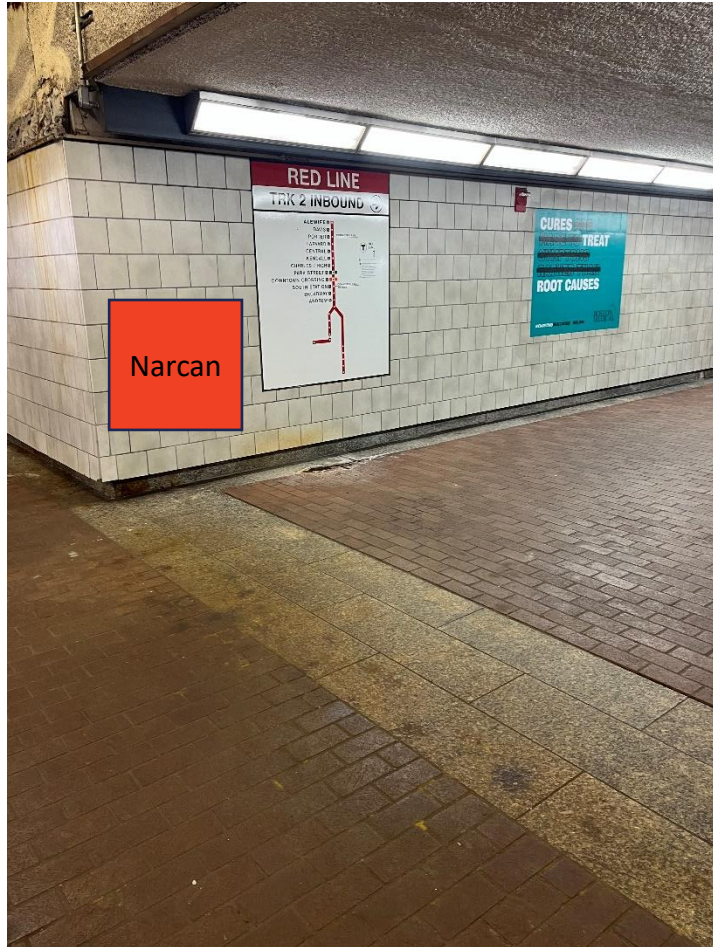


#3: Unpaid area, inside public restroom



Andrew Square

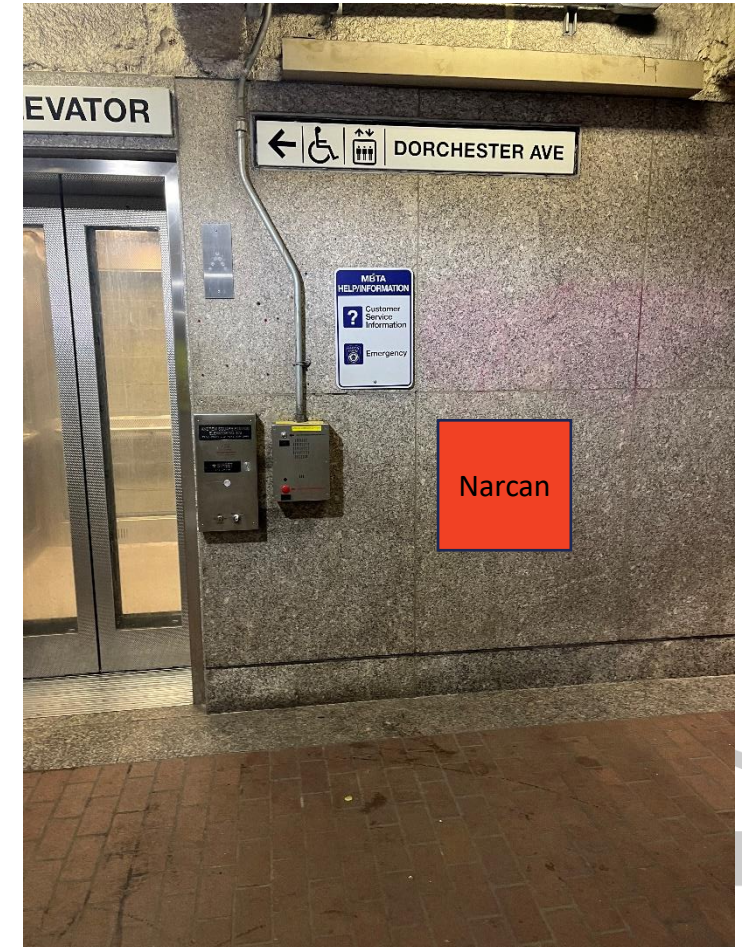
#1: Paid area, toward inbound trk



#2: Paid area, outside corner of restrooms

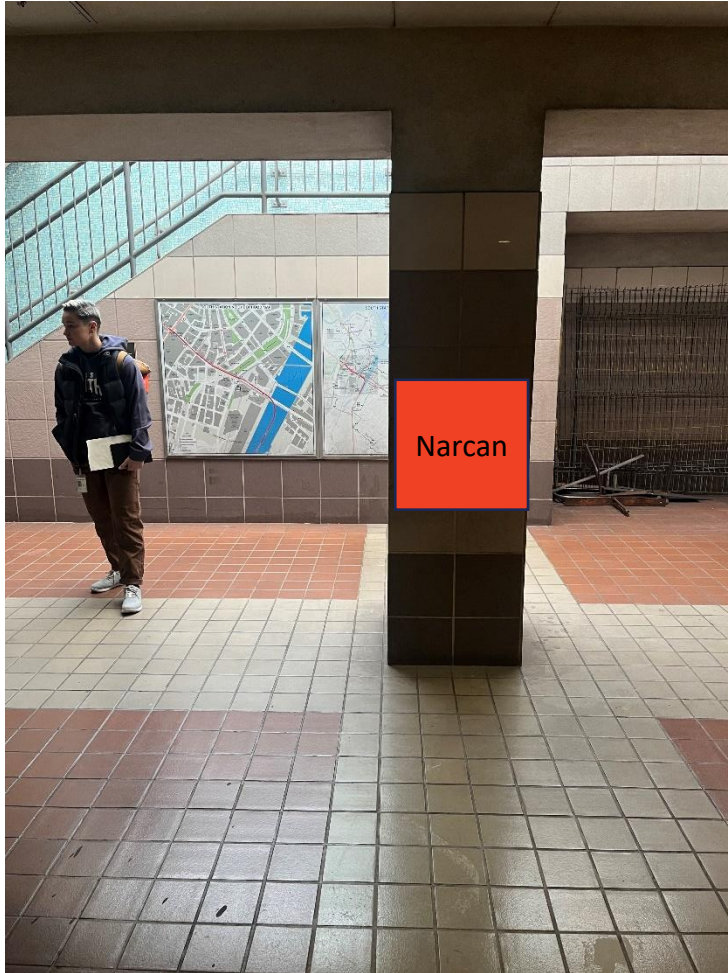


#3: Unpaid area, between bus stairwells

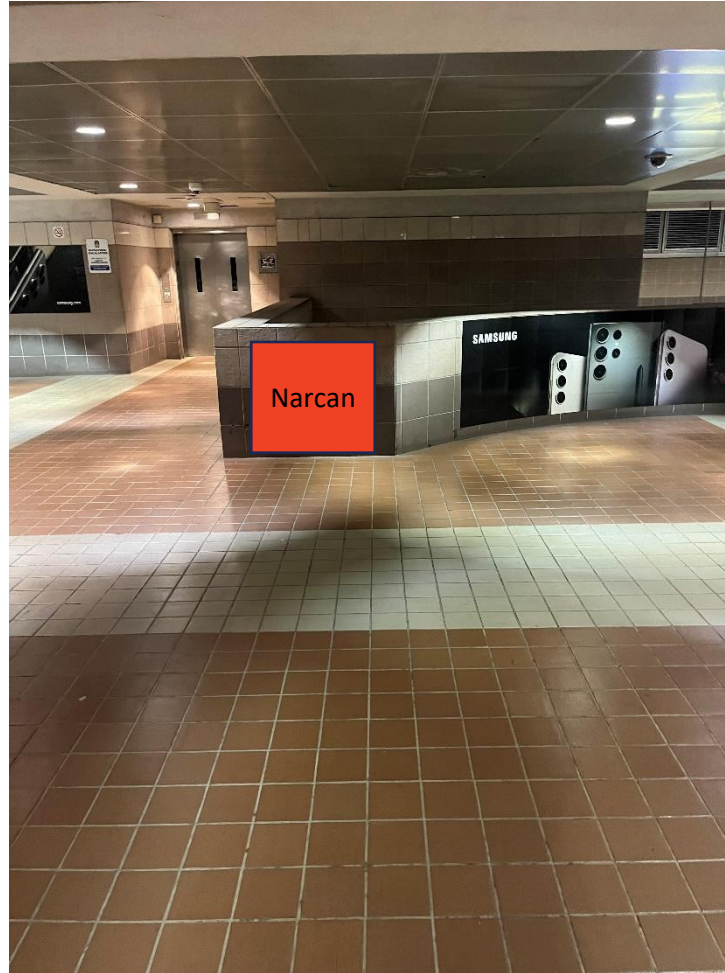


South Station

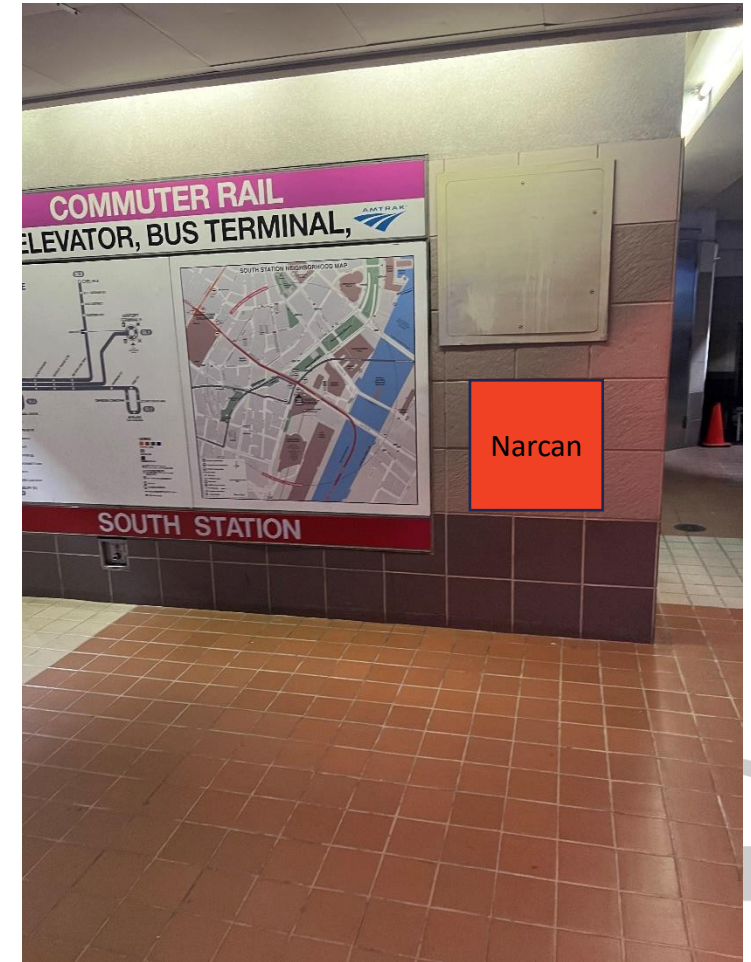
#1: Unpaid area, RL entrance



#2: Paid area, near SL stairs

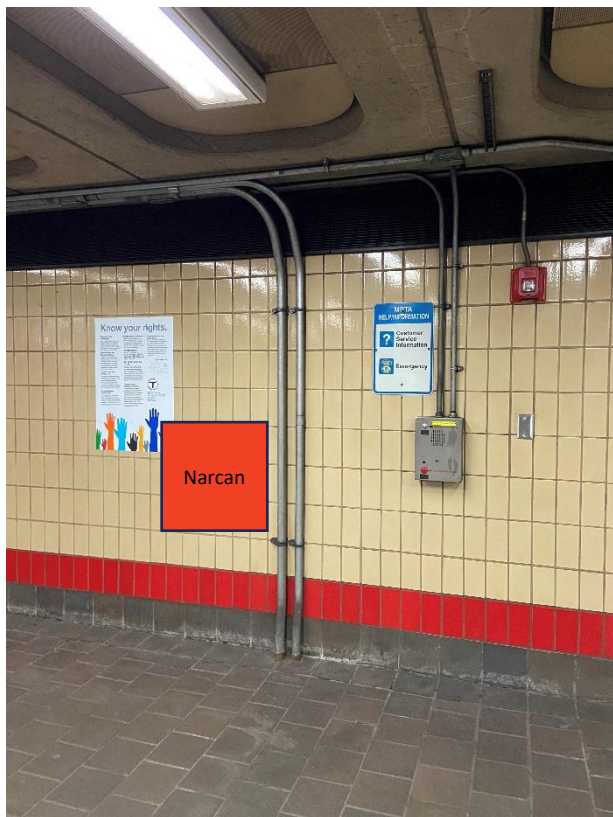


#1: Paid area, near fare gates

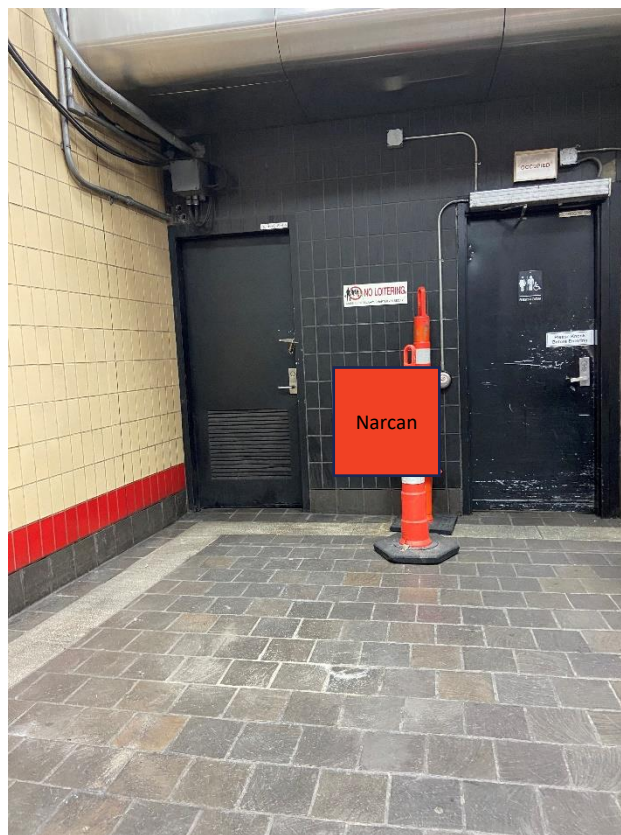


Harvard Square

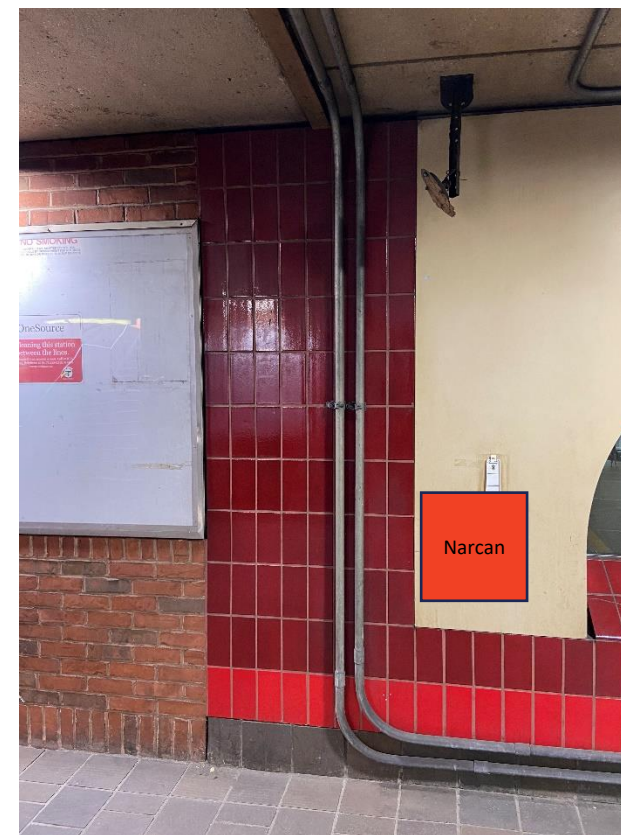
#1: Paid area (main entrance), left of fare gates when entering



#2: Unpaid area (secondary entrance/busway), outside restrooms



#3: Unpaid area (main entrance), left of FVMs



Cabinet and Signage

- Cabinet: 13" x 13" x 4"
- Opioid overdose poster: 16" x 20"
- 3D wall sign: 7.5" x 6" x 3"
- MBTA sign: 1.75" x 12"



Program Costs

<u>Box & Naloxone Quantities</u>			
Stations	22		
Boxes/Naloxone per station	3		
1 more at Kendall and Central	2		
Total	68		
<u>Cost of Metal Cabinet</u>			
Cost per box	\$309.00		
# of boxes + extra for storage	90		
Shipping	\$950.00		
Total	\$28,760.00		
<u>Cost of Naloxone</u>			
Cost per dose (\$38 for 2 doses)	\$19.00		
Min # of doses (136) + 20 extra for storage at stations (440)	576		
Shipping	unknown		
Total	\$10,944.00		
<u>TFM Labor - Carpenter</u>			
	Estimate (Low- Medium- High)		
Estimated # hours of work per station + travel time	1	1.5	2
Avg hourly rate (x2 staff)	\$180.38	\$270.57	\$360.77
Avg overtime rate (x2 staff)	\$112.36	\$168.54	\$224.72
Total labor cost - avg hourly rate (x2 staff)	\$3,968.36	\$8,928.81	\$15,873.88
Total labor cost - avg overtime rate (x2 staff)	\$2,471.92	\$5,561.82	\$9,887.68
ESTIMATED IMPLEMENTATION COST	\$49,591.68		
+ 15% Contingency	\$7,438.75		
TOTAL	\$57,030.43		

<u>Annual Ongoing Costs</u>			
<u>Naloxone replacement</u>	<u>Estimate (Low- Medium- High)</u>		
Uses per year	100	150	200
	\$1,900.00	\$2,850.00	\$3,800.00
<u>Cabinet replacement</u>			
Per year	5	10	15
	\$1,545.00	\$3,090.00	\$4,635.00
<u>TFM labor for cabinet replacements</u>			
# of hours of work per replacement + travel time	1	1.5	2
Total labor cost - avg hourly rate (x2 staff)	\$901.90	\$4,058.55	\$10,823.10
Total labor cost - avg overtime rate (x2 staff)	\$561.80	\$2,528.10	\$6,741.60
ESTIMATED ANNUAL ONGOING COSTS	\$4,006.80	\$8,468.10	\$15,176.60

