Metro System Awareness & Preparedness

January 2019

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Metro Service Overview

- Launched operations in 1976 and has three modes: Metrorail, Metrobus, MetroAccess
- Serves population of four million within a 1,500 square-mile radius
- Provides one million trips on an average weekday
- Metro moves four times more people each year than BWI, DCA & IAD airports combined
Overview

Metrorail

- Second busiest U.S. rail system with 175+ million trips per year
- Six rail lines: Red, Orange, Blue, Green, Yellow, Silver
- 600+ escalators and 300+ elevators

<table>
<thead>
<tr>
<th>91 RAIL STATIONS</th>
<th>118 MILES OF RAILS</th>
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<tbody>
<tr>
<td>40 DC</td>
<td>9 AERIAL</td>
</tr>
<tr>
<td>26 MD</td>
<td>58 SURFACE</td>
</tr>
<tr>
<td>25 VA</td>
<td>51 SUBWAY</td>
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Montgomery County

- Deepest station in the Metrorail System
- Longest single span escalator in the northern hemisphere
Metrobus

- Sixth U.S. busiest bus system
- 120 million trips per year
- 1,600+ buses
- Fuel mix: Diesel, CNG, Hybrid electric
- 325 bus routes; 168 bus lines
- 10,500+ bus stops
MetroAccess

- 2.3 million passenger trips annually
- Provides service 7 days a week, 365 days a year
- Operates 725 vans
Office of Emergency Management

- Emergency Planning and Preparedness
- Severe Weather Tracking
- Special Events Planning
- Outreach
- Training
- Drills and Exercises
- Equipment and Tools
- Response and Recovery
Metrobus
Preparedness
Evacuation

- There are three different emergency escape mechanisms located within a Metrobus.

- Emergency Escape Windows
- Manual Door Operation
- Ceiling Escape Hatches
Fire Extinguishers

- In the event of a Bus fire, the Bus Operator is the first person responsible for putting out the fire. If the driver is unable to, it is a good idea to know exactly where the extinguishers are located.

- Extinguishers are located in two places:
  - Behind or under the driver’s seat;
  - Inside the front door under the passenger side seat.

Cameras

- For your safety and security, the Metrobus you ride on is equipped with Video Cameras strategically located to provide valuable information in the event of an incident or investigation.
Metrorail
Preparedness
Escalator Awareness

- Slippery
- Emergency Stop located at the top and bottom landings
- Entrapment hazards
  - Flip flops and sandals
  - Loose clothing
- Strollers
- Don’t sit down
- Don’t ride the handrail
Fire Protection

- Fire extinguishers are located in:
  - Fire Equipment Cabinets on platforms
  - Station Manager Kiosks
  - Operator’s Cab
Area of Refuge

- Every Metrorail Station
- Safe refuge area
- Under edge of platform
Railcar Awareness

- Railcar emergency door releases on doors 3 and 10 on ALL cars (middle doors)
- DO NOT USE UNLESS LIFE SAVING EMERGENCY OR DIRECTED TO BY A FIRST RESPONSE/METRO EMPLOYEE
3rd Rail Power Awareness

- Third Rail
  - 750 volts DC
  - 6,000 amps
  - Dust/debris cover

DO NOT GO ON THE ROADWAY
Roadway Hazards

Tunnel Safety Walk

STAY OFF OF THE TRACKS!!!
Response Features
ETS Box Awareness

- Emergency Trip Station
  - At the ends of platforms & every 800 feet
  - Blue light
  - Dial “0” for ROCC
  - Can de-energize a portion of third rail

*Always consider the third “HOT”*
Communication and Coordination
Emergency Response Awareness

Follow First Responder Instructions
Emergency Response Training

**System Familiarization**
- Tunnel Walks
- Station Visits
- Training Tunnel

**Equipment**
- ETEC Carts
- WSAD
- Hot Stick
- Ventilation

**Full-Scale Exercises**
- Multi-jurisdictional
- Scenario-based
Exercise Focus

- Roadway Access Training
- Evacuation Coordination
- Ventilation Functionality
- Unified Command
Montgomery County Exercises

Forest Glen
December 2015

White Flint
August 2017

Glenmont
November 2019
Thank You