Blending Outreach, Training and Engineering For Accident Avoidance



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Metro Transit system safety

- Core Mission
- Industry leader
 - 2017 APTA Gold Award



- Three key areas
 - Outreach
 - Training
 - Design



Objects in the mirror are closer than they appear.

metrotransit.org/safety

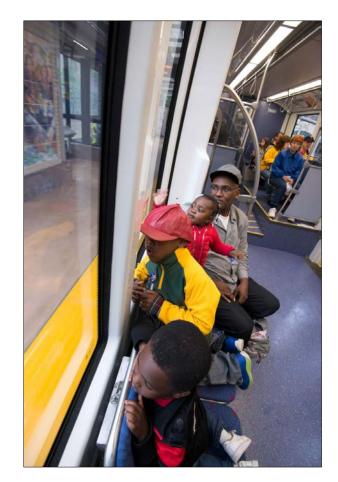
SAFETY IS A SHARED RESPONSIBILITY.





Metro Transit light rail service

- 77,000+ average weekday boardings
- Special events
- 120+ train operators
- 91 light rail vehicles
- 37 stations (5 shared)
- 167 grade crossings
- 482 trips per weekday





Metro Transit commuter rail service

- 2,700 average weekday boardings
- 6 locomotives, 18 passenger cars
- BNSF train operations, track maintenance
- Metro Transit fleet, facilities maintenance
- 7 stations
- 33 grade crossings





Rail safety - outreach

- Marketing
 - Billboards
 - Radio
 - Online, social media
 - Platforms, trains and buses

Operation Lifesaver

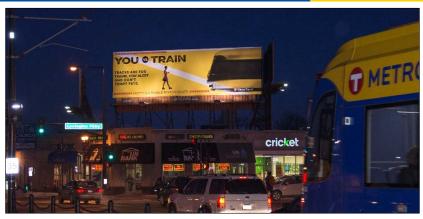
- Community outreach
- Rail Safety Week



DETROIT LAKES	+
RADAR HOURLY DAILY	
82°	
RealFeel': 874 Sunny	
84*/66*	
CURRENT CONDITIONS HUMBERTY: 44% VINO: WNW at 7mph DEW POINT: 59°F PRESSURE: 30.10in 5	~
No precip for 120 min	,
LODKING AHEAD 3 A thunderstorm Sunday	
DON'T BE A STATISTIC	l
HOURLY FORECAST	
Accul/leather	



















Light rail safety - training

- New operators complete
 10 weeks of training
 All begin as bus operators
- Annual rules training
- Daily briefings
- Rule compliance program
- Instructor ride-alongs
- Remedial training
- Annual Rail Rodeo







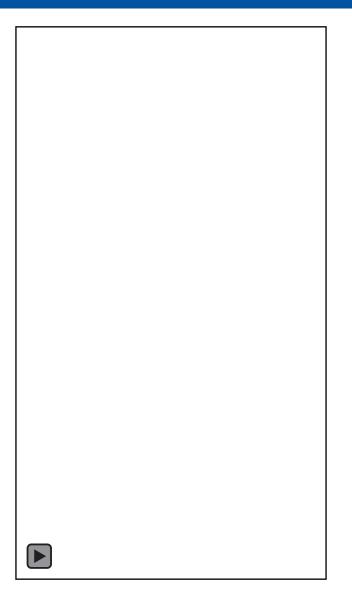
Light rail safety - design

- Gate arms, warning devices
- Alternating headlights, strobes
- Train approaching lights at grade crossings, traffic signals
- Expanded walkways, railings
- Between-car barriers, door locator tiles









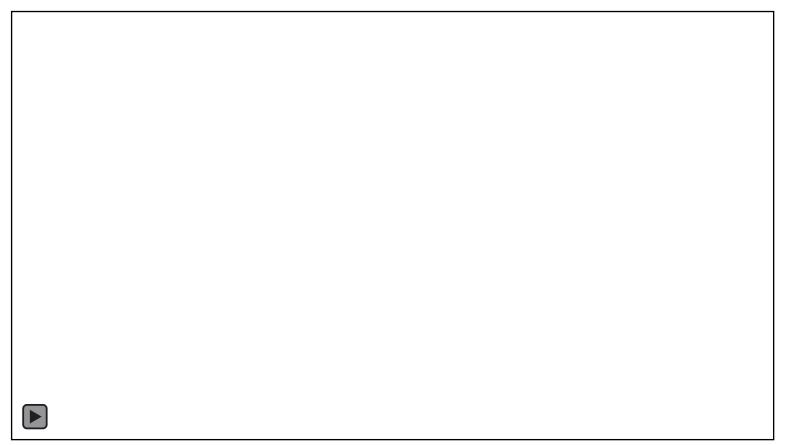


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Pedestrian Blankout signs























Light rail safety - expansion

- Project office coordination
- Ongoing marketing, outreach efforts
- Continual improvements



