North Texas Tollway Authority

Positive Protection for Workers in Short Term Work Zones or Traffic Incidents

September 12, 2019

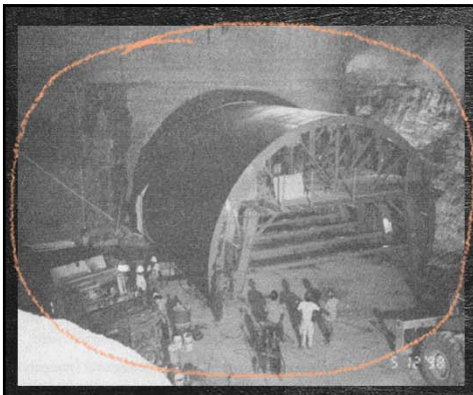
Origins

Texas Turnpike Authority (1953)

NTTA was founded by the **75th Texas Legislature in 1997**

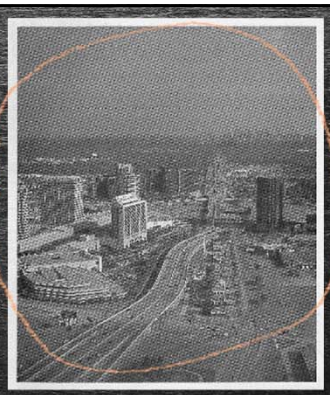
Chapter 366.038 Texas Transportation Code

NTTA shall provide, for reasonable compensation, tolling services for toll projects within NTTA's



Addison Airport Tunnel

President George Bush Turnpike



Dallas North Tollway

Authorized to:

Acquire…
Construct…
Maintain and Repair…

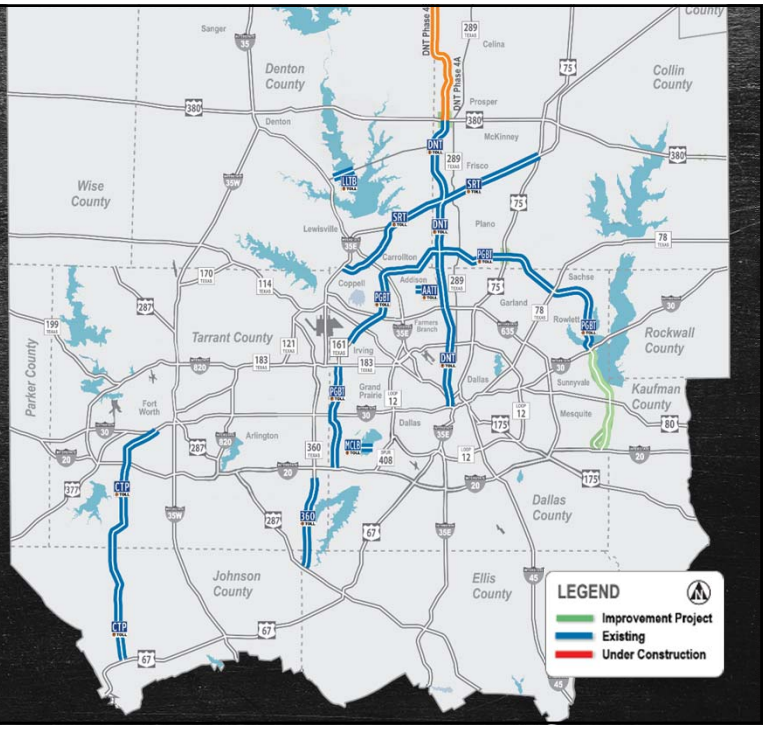
TOLLWAY PROJECTS

NTTA *Your Tolling Authority*

- A public transportation provider
- Only build what the region asks us to build
- A customer-driven organization
- Not funded by legislative appropriations

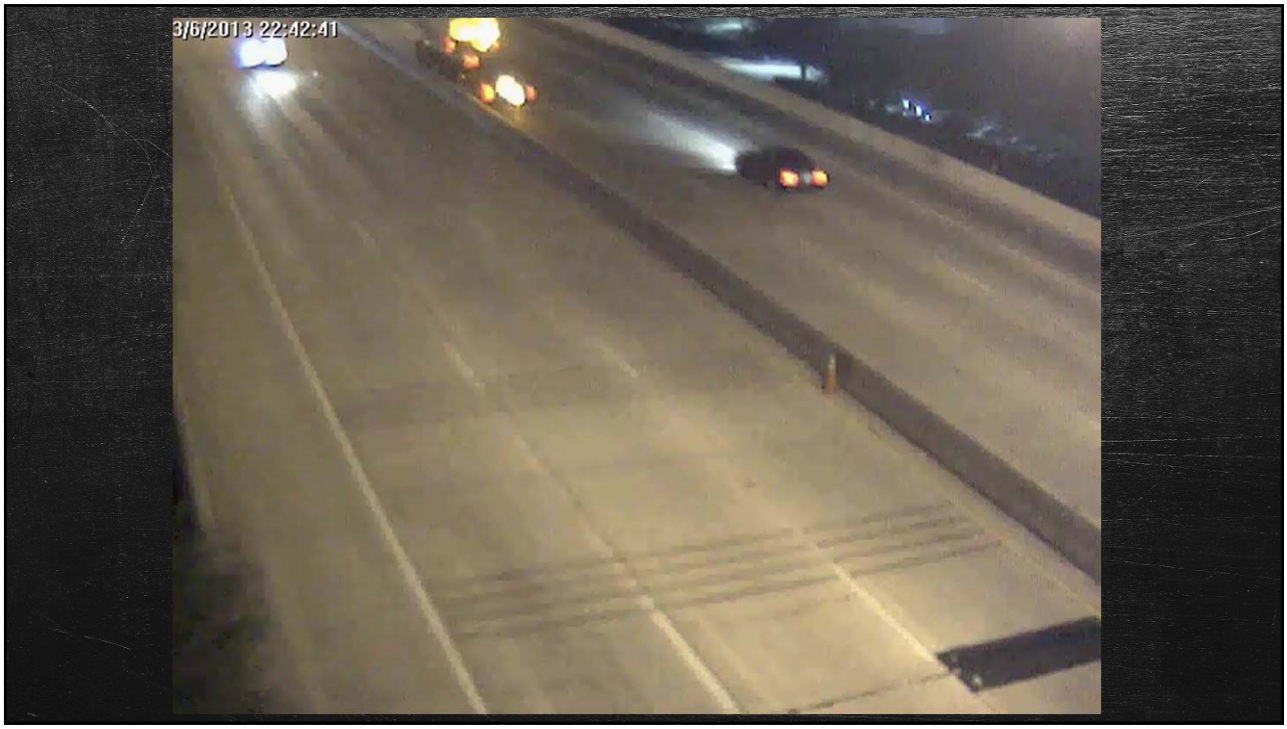
Our System

- Dallas North Tollway
- Sam Rayburn Tollway
- President George Bush Turnpike
- Chisholm Trail Parkway
- 360 Tollway
- Addison Airport Tunnel
- Mountain Community Bridge
- Lake Lewisville Toll Bridge



Positive Protection – Why?

Mom's advice, "Be careful and do not play in the street, you could get hit by a car"



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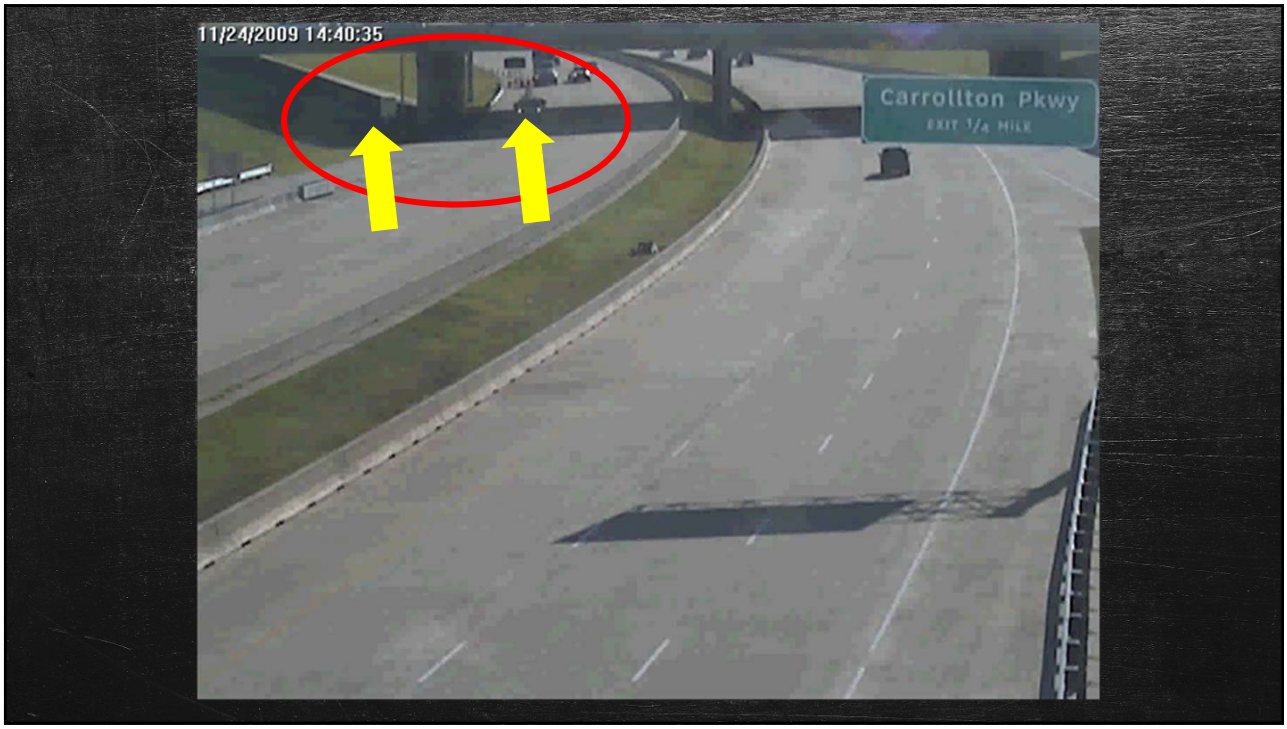
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Carrollton Pkwy
EXIT 1/4 MILE

Wh

TEXAS
105-0918

Rotating Board

Positive Protection

something between us and them

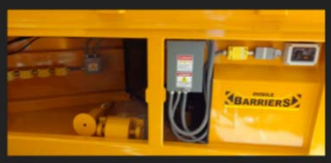
Cotton Gin Rd
Main St
03/02/2011 11:37

03/02/2011 11:31

NTTA
NORTH TEXAS TOLLWAY AUTHORITY
+00:00:00:15

FEATURES

Power

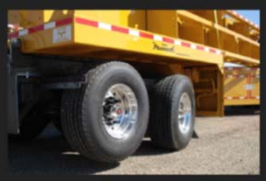


Lights

Storage

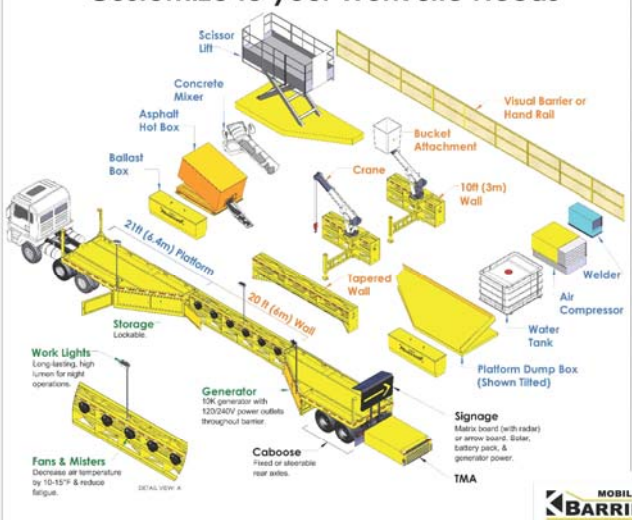
Signage

TMA



Rear Steer

Customize to your Work Site Needs



Mount Equipment on Platforms

Hot Box, Water Tank, & Concrete Mixer
Sub-frames bolt/unbolt from platforms to change options (i.e. water tanks, asphalt hot boxes, dump box, concrete mixer, etc).

Platform Dump Box
Box tilts to dump contents. Tie-downs secure bulky items. Quickly transport & unload
- Hurricane debris
- Rubble & rockfall
- Guardrail & gore points
- Beams, piping, poles, & culverts

Full Lane Access & Heavy Lifting

Crane
Operates inside one road lane. Single outrigger folds against wall when not in use. Enables heavy lifting on/off either platform. Optional bucket.

Tapered Wall
Cross-section tapers allowing full lane access with only 6 in (15 cm) incursion in adjacent lane.

Improved Ambient Conditions

Improved ambient conditions & work crew productivity with onboard power, work lighting, and fans/misters.

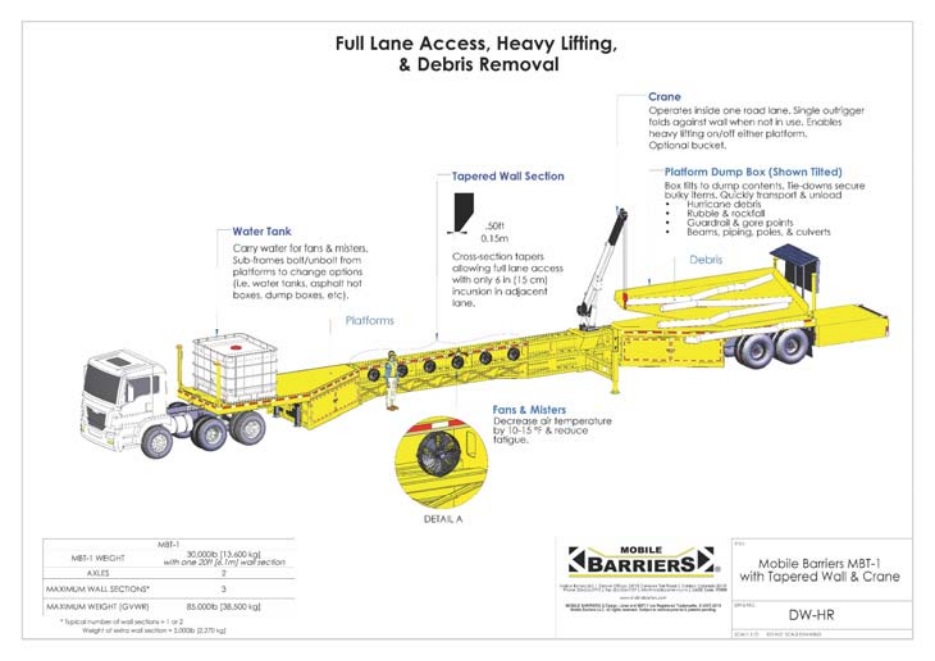
	MBT-1
MBT-1 WEIGHT	30,000lb (13,600 kg) *with one 20ft (6.1m) wall section*
AXLES	2
MAXIMUM WALL SECTIONS*	3
MAXIMUM WEIGHT (GVWR)	85,000lb (38,500 kg)

* Typical number of wall sections = 1 or 2
Weight of extra wall section = 5,000lb (2,270 kg)

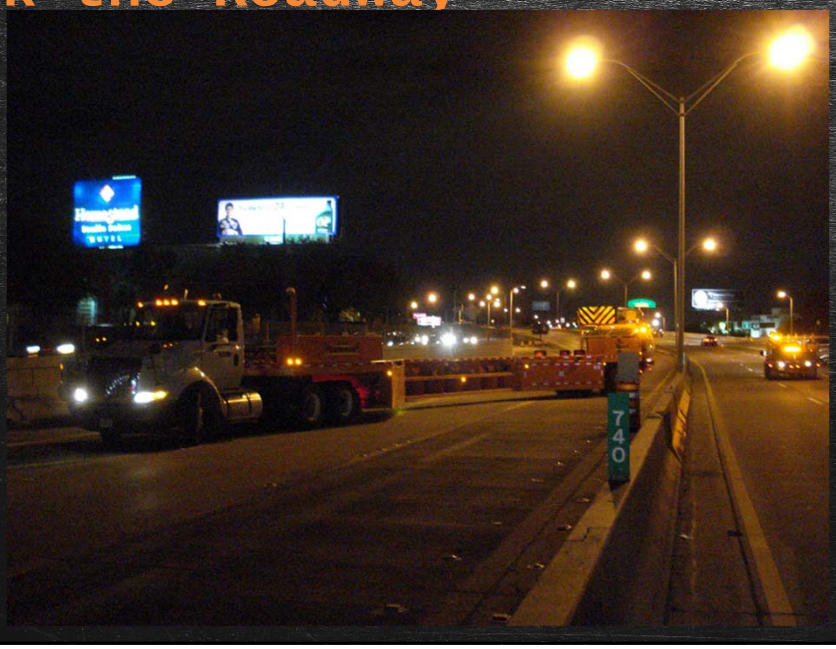
MOBILE BARRIERS

Mobile Barriers MBT-1 Configuration Options

DW-OPT



Block the Roadway



Windhaven
Pkwy

Questions?