



Mobile Barriers MBT-1

“Improving Safety, Efficiency & Traffic Flows In & Around Work Zones”



WINNER
2009 ATSSA
INNOVATION
AWARD



www.mobilebarriers.com
303-526-5995



Highly Mobile Protection

Taller (5')

Longer (42-102')

More Efficient (*modular & easy to maintain*)



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Onboard:

Power (240, 120, Solar & 12/24V)

Lights (*shine where needed*)

Storage (*lockable & on-deck storage for materials and supplies*)
& **Other Options** (*including Rear Steer*)





Protection

- front
- back
- sideways

Less Collateral Equipment

Fewer People Outside
Protected Area
(Safer/More Productive)

Better Lighting
Less Fatigue



Improve Traffic Flows:

**Reduce Number & Duration
of Lane Closures**

Reduce Glare & Distraction

Allow Traffic to Pass at Speed

Reduce Secondary Incidents







Pays for Itself in 2 yrs (w/ 10-15 lane closures per month saving \$1000 per closure)

Life Cycle Cost = \$15,000/yr w/ 20 yr life

Rentals & Leases also available

Additional Benefits

Safety, Efficiency & Traffic Flows

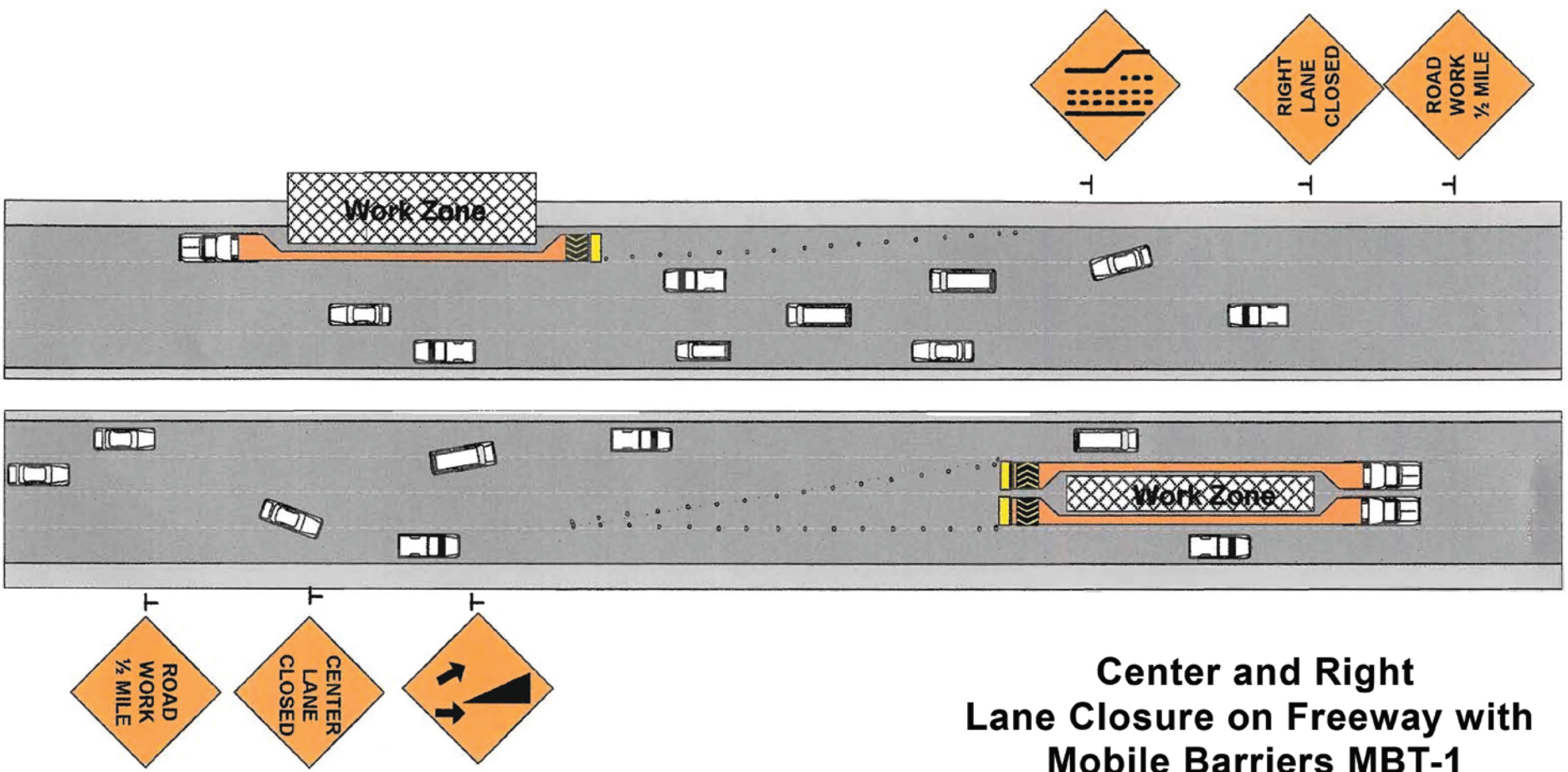
- *Safer – for Workers & Traveling Public*
- *Less Collateral Equipment*
- *Less Traffic Disruption*

“minimizing the extent and duration of disruption”

Modular (repair/replace only what's damaged when damaged)

Traffic Can Pass At Speed

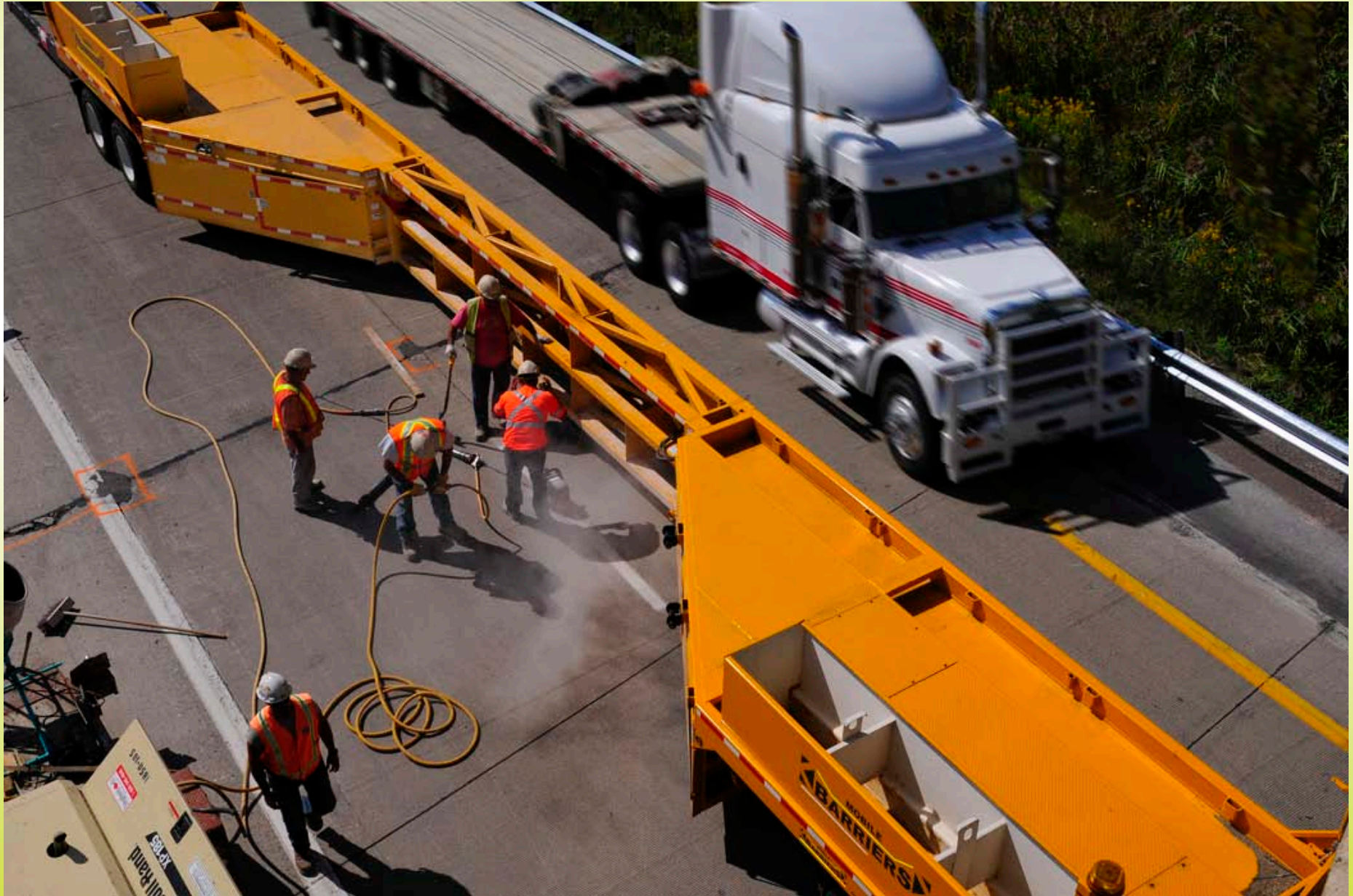
(on either side if necessary)



Center and Right Lane Closure on Freeway with Mobile Barriers MBT-1



Short Term WZ



Traffic Can't See In *Crews Can Still See Out*



Work Comfortably in Dense Traffic





Texas
(end treatment repairs)



Texas
(median barrier repair)





(2 lanes closed w/ traditional setup ... 0 lanes closed w/ MBT-1)



North Texas Tollway (NTTA)
(multiple barrier used daily)



New York
(Staten Island)



New York

(Bridge Rail Replacement)



New York
(more bridge work)



New Jersey
(road cut/repair)





Denver Metro - Night Work

(bridge approach)



Denver Metro - Night Work

(traffic passing at speed)



Denver Metro – More Night Work *(traffic passing at speed)*



Colorado

(work area well lit – traffic passes via headlights)



(work area well lit – traffic passes via headlights)



Emergency Bridge Repairs

(truck hit)



Emergency Bridge Repairs *(truck hit)*

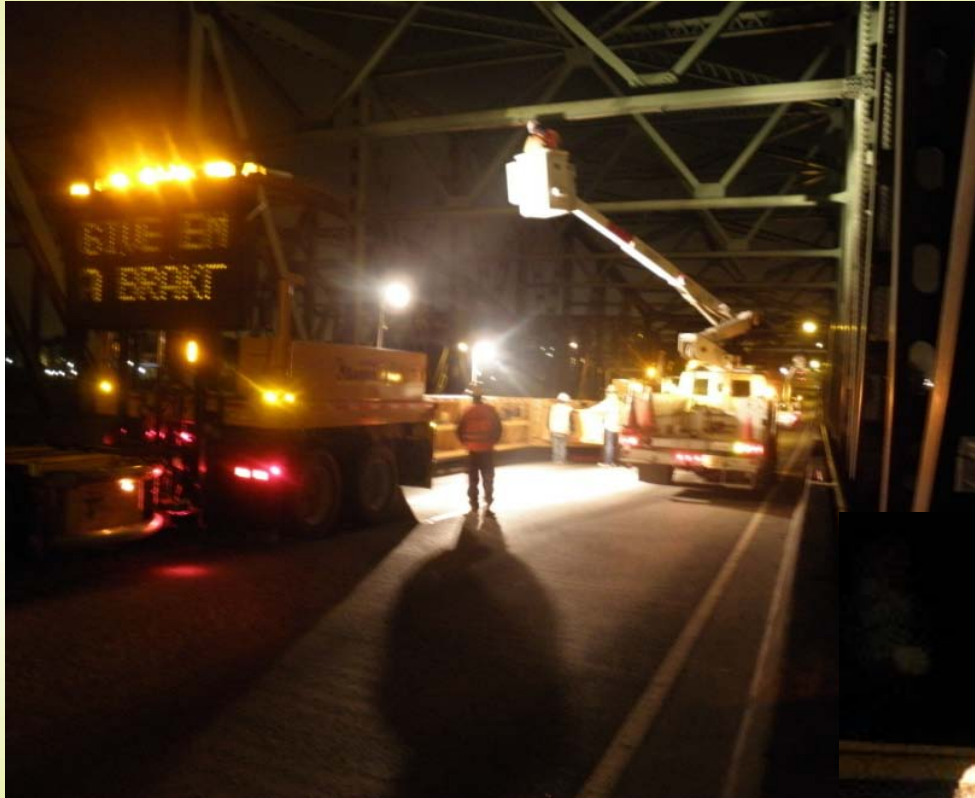


Oregon
(bridge joint work)

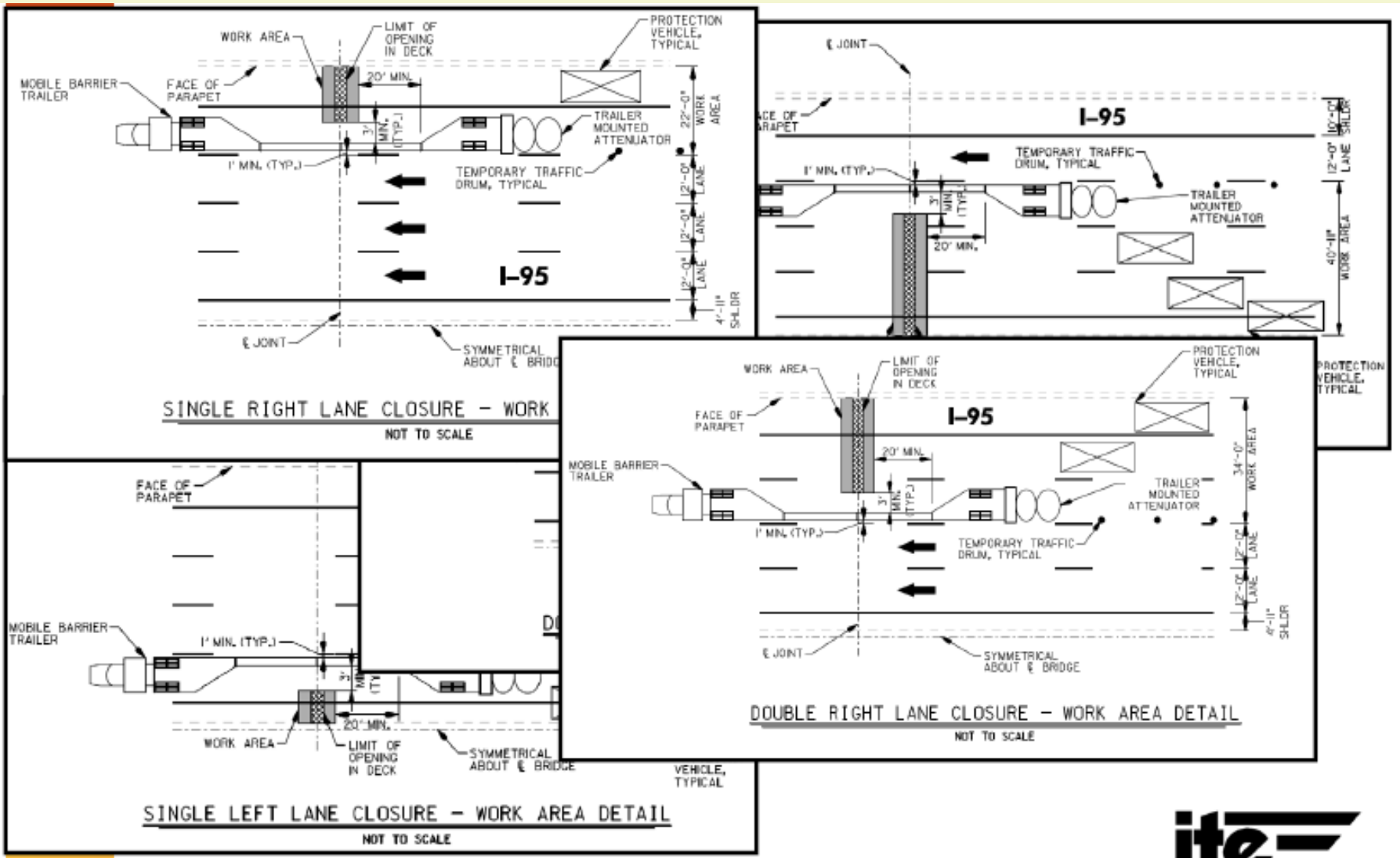


Oregon & Colorado

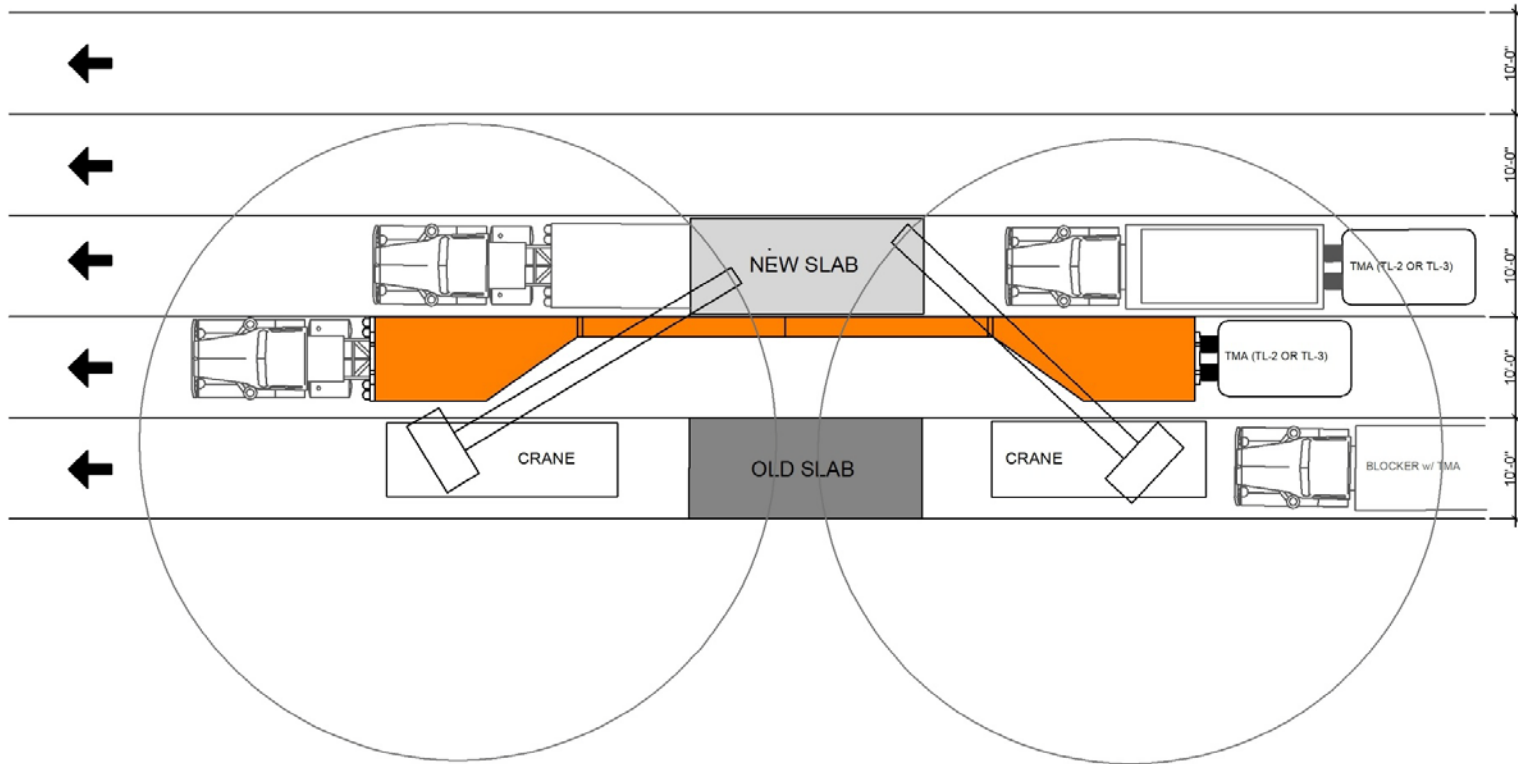
(more bridge and approach work)



Maryland Bridge Joint Modification Project (57 bridges/64 deteriorated joints)

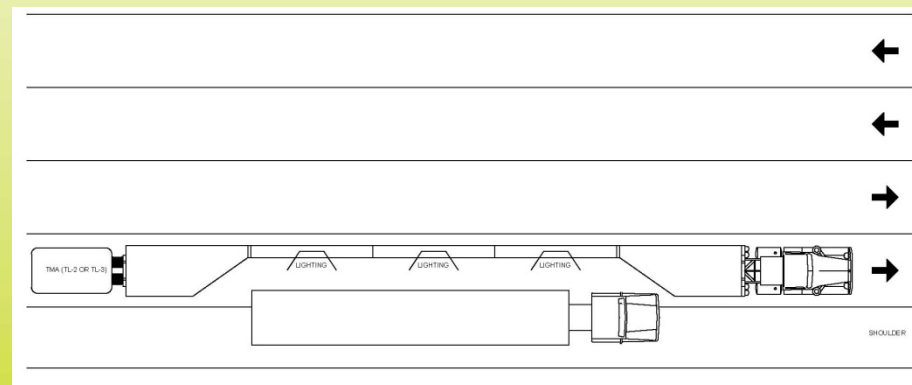
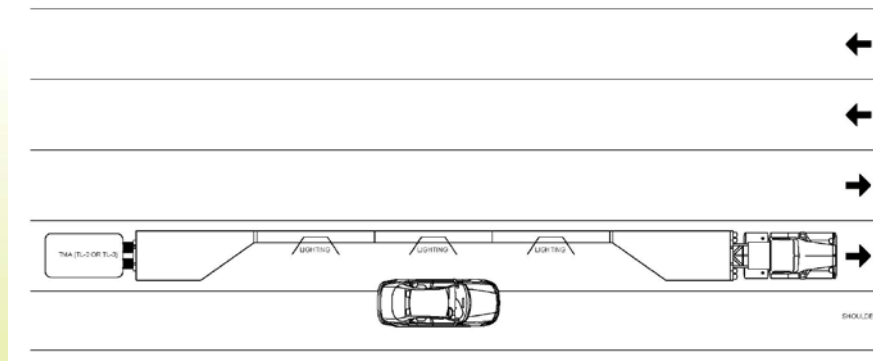
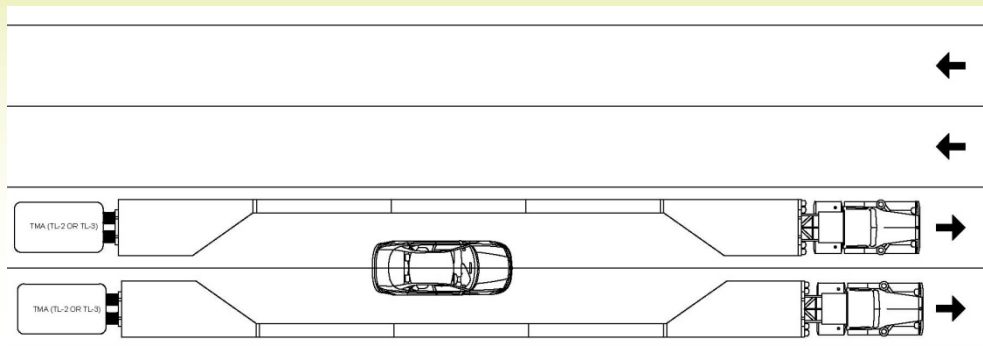


Accelerated Bridge Program (pre-cast slab replacement)



MOBILE BARRIER TRAILER MBT-1

Sheet No	Date:	Scale:
1 of 1	1/17/11	1/16"=1'-0"



Incident Management & Mobile Inspections



Texas

Full Road Closure for ITS Cut

(stopped wrong way driver – last defense after barricades & police strips failed)



Mobile Barriers MBT-1... in the Real World

Hit by 2 Semi Trucks

Minor damage (one drove on/one stopped)



Photo courtesy of ODOT, Nicholas Tymvios



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For additional information see

www.mobilebarriers.com