WINTER STORM JONAS January 22 - 24, 2016



PA Senate Joint Committee Hearing Feb. 16, 2016

Response Entities

More than 40 entities assisted with the response:



for your assistance during the Blizzard of 2016.

Alum Rook Fine Co.

American Red Cross

Bedford County 911

Bedford County Emergency Monagement Agency

Radford Fire Co.

Berlin Fire & EMS

CoGo's

Customers/Motorists

Emergency Shelters:

Bedford Area School District

United Methodist Church

FEMA

Herring Motor Co. Towing

HMS Host Corp.

Interstate Towing

Lakewood Towing

LaSolles Garage

Local hotels and matels in Somerset and Bedford

Media

Myers Garage

New Boltimore Fire Co.

PA Department of Corrections (busses and drivers)

PEMA

PennDOT

Pennsylvania National Guard

PA State Police Troop T and off-Turnpike Troops

Pleasantville Dollar General

Private and Public Bus Companies

Salvation Army

Shonksville Fire Co.

Shownes Market

Shownee Volley Ambulance

Shawnee Valley Fire Co.

Sheetz

Somerset 911

Somerset County Emergency Management Agency

Southern Cove Fire Co.

Subway

Volunteer citizens from communities along the Turnpike

Walmart Distribution

Waze

Wissingers Repairs

All other local fire and EMS companies responding...

AAR Process

AFTER-ACTION REVIEW (AAR)

- As part of the information-gathering process, the AAR Team met internally with the three maintenance sheds involved in the storm operation from start to finish, including Everett Maintenance, Kegg Maintenance and Somerset Maintenance.
- The AAR Team has begun meeting with all external federal, state and local agencies, examining the decisions made and actions taken before, during and after the event.
- The AAR Team will begin its analysis of the response and decision-making procedures and offer a series of recommendations for future consideration as part of the Phase II work.
- The Commission expects to conclude the AAR in early March.
- A report will be made public after the AAR Team completes, and the Commission approves, the review.

Preparatory Actions and Communications

Thursday, Jan. 21

Winter Weather Shed Radio Checks schedule issued

Friday, Jan. 22 @ 11:34 AM

 Traffic Operations staff issued its Tow Truck Standby Winter Plan Level 2 and Safety Advisors schedules

Friday, Jan. 22 @ 2:03 PM

 Traffic Operations Center advised PEMA, PennDOT, and PSP of Turnpike's Weather Response Plan Level 2 Activation

Friday, Jan. 22 @ 3:00 PM

- Travel Advisory issued "PA Turnpike Will Reduce Speed Limits on Some Sections Tonight at Midnight Due to Weather"
 - 45 MPH Speed restriction moved up to 8:30 Due to heavy snow starting earlier than expected

Regional Winter Maintenance Operations

FRIDAY, JAN. 22

- Both Everett and Kegg Maintenance units were in snow patrol mode for the storm event during the 7 AM – 3 PM shift.
- 1:30 PM Somerset Maintenance units began treating roadways.
- 3:30 PM Kegg and Everett Maintenance units began treating roadways.
- 4:00 PM Kegg Maintenance units began plowing.
- Kegg Maintenance Plow Trains:
 - First plow train left from Kegg at 7:55 PM
 - Second plow train left Kegg at 8:22 PM





Friday, 5:21 PM MILEPOST 155W

Single truck crash at Everett







Friday, 7:40 PM

MILEPOST 126W

Multiple disabled tractor trailers stuck in snow

Friday, 5:21 PM

MILEPOST 155W

Single truck crash at Everett







Friday, 8:53 PM

MILEPOST 105E

Multiple disabled tractor trailers stuck in snow

Friday, 7:40 PM

MILEPOST 126W

Multiple disabled tractor trailers stuck in snow

Friday, 5:21 PM

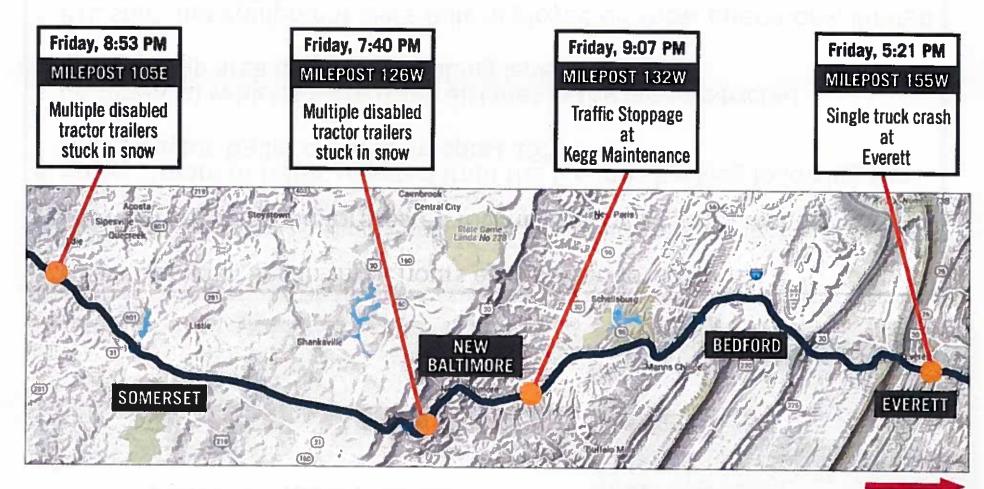
MILEPOST 155W

Single truck crash at Everett







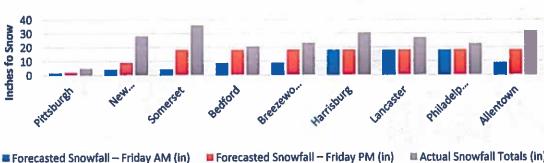






Contributing Factors



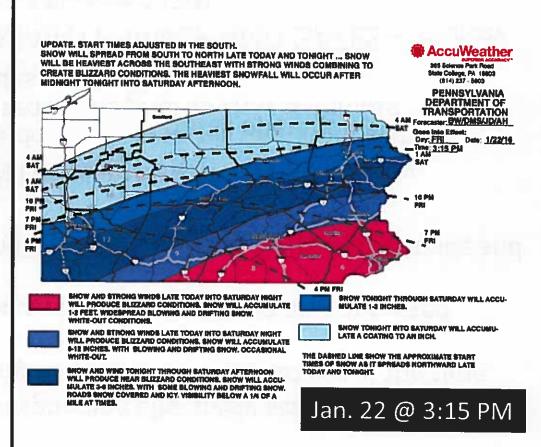




- Heavy Snowfall began three hours earlier than forecasted.
- Snowfall heavier than forecasted for the area by up to 24 inches.
- Heavy stream of traffic resulted from the 5.6 mile backlog following the single tractor-trailer crash at milepost 155.
- Commercial vehicles were using all lanes in the lane-restricted construction area and truck-climbing lane.
- PTC staff and equipment were fully deployed on snow operations; limited options for backlog treatment.

Weather Synopsis

- The historic blizzard impacted the southern half of PA on Friday and Saturday, Jan. 22-23.
- Snow fell from roughly 2 PM Friday until 10 PM Saturday and ranged from 0.5" along the I-80 corridor to around 3 ft. in some of the southern mountains.
- Snowfall rates averaged 1-2" per hour with some periods of 2"+ per hour.
- Blizzard conditions affected southeastern PA due to high winds and blowing snow.
- Storm preparations began with all partners starting the weekend prior.



Traffic Management

ROADWAY CLOSURE

- Turnpike Maintenance was responding effectively across the system.
- Traffic was either approaching or already on the roadway at the time of the incident.
- Conditions on alternative routes in the region were also impacted by the storm.
- Closure would have had significant impacts on state and local roads and communities.

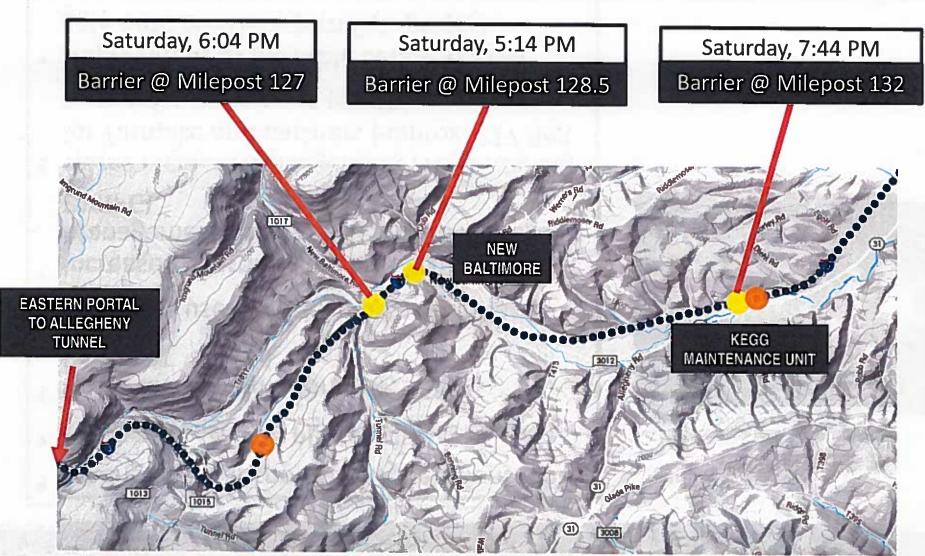
TRAFFIC STOP AT KEGG MAINTENANCE (MP 132W) – Friday

 9:07 PM – Instituted per pre-determined traffic operation plan designed to minimize impacted traffic prior to New Baltimore construction with steep grades

TURNING TRAFFIC AT KEGG MAINTENANCE AND GATES — Saturday

- 1:30 AM Kegg Maintenance Milepost 132W
- 8:35 AM Access Gate Milepost 138W
- 1:10 PM Access Gate Milepost 129W

Median Barrier Removal Locations



Incident Management Changes Since 2014

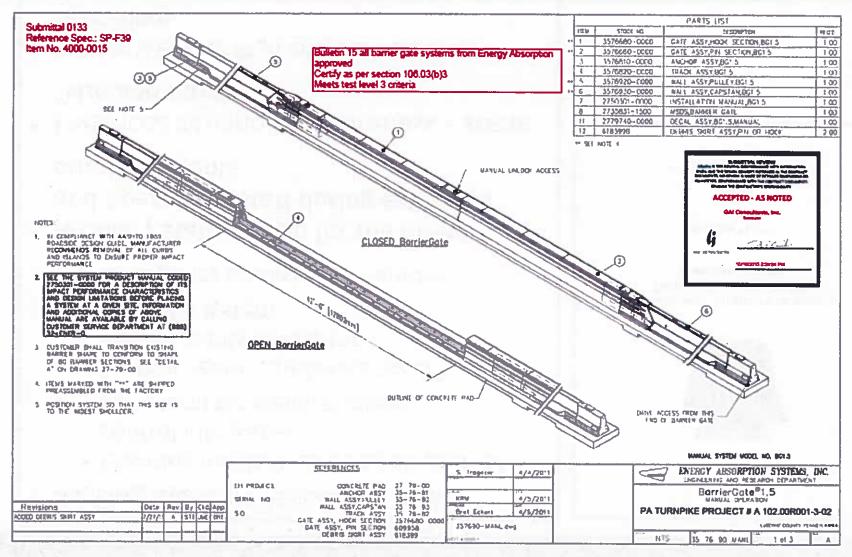
- Emergency Transportation Operations Plan
- Backlog Assistance Plan (wellness checks)
- Improved coordination: PSP, PEMA, PennDOT
- Increased use of social media and Waze
- Increased coordination with Traffic Incident Management Programs (PennDOT, SPC, and DVRPC)
- Traffic Incident Management (TIM) training for Turnpike and partners (approx. 217 first responder partners in region)
- Deployment of movable center barrier gate with Northeastern Ext. project

TRUCK DRIVERS

Please obey lane restrictions IN WORK ZONES.

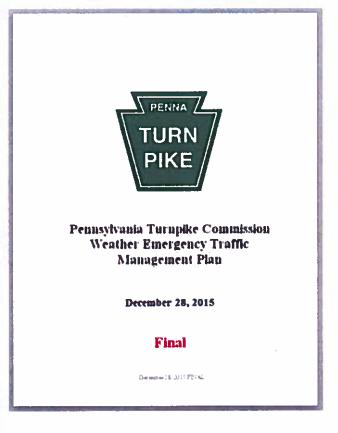


Barrier Gate Design



Incident Management Changes Under Way

- Backlog Motorist Assistance Plan
 - ➤ Ensuring incident command's span of control integrates command for welfare checks
 - ➤ Further refine to address specific requirements across the Turnpike system
 - > Emergency provisions inventory
- Auxiliary staffing plan for maintenance and operations staff during extended duration events
- Enhanced situational awareness scene
 "size and scope"
- Winter Weather Plan and Maintenance Operations
- Median Barrier Access

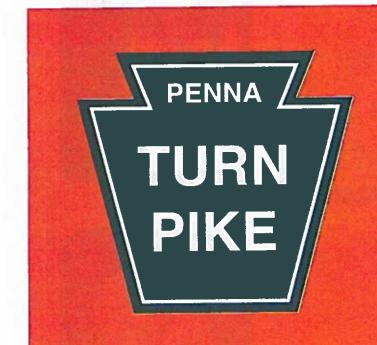


Incident Management Changes Under Way

- Unified Incident Command Procedures
- Resource Coordination and Deployment
- Median Barrier Access & Access Gates
- Communications (Message Boards, PA511, Waze, Twitter, Facebook, Turnpike Website, TRIPTalk)
- Enhanced Attention to Incident Management during Construction
 - > Access Gates
 - > Construction Zones







Thank You.