CIATEAM MOBILITY & OPERATIONS

NJDOT – Vandana Mathur FHWA – Ek Phomsavath

EDC-7: NEXT-GENERATION TIM - TECHNOLOGY FOR SAVINGS LIVES

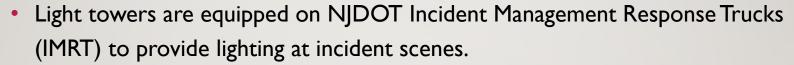
- Using technology for more effective traffic incident management.
- Notify the motorists of traffic incidents, prevent secondary crashes,
 and ensure the safety of emergency responders.



EDC-7: NEXT-GENERATION TIM - TECHNOLOGY FOR SAVINGS LIVES

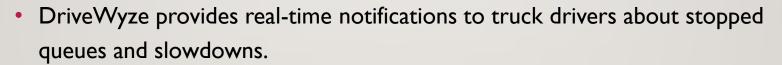


Deployment of TIM Technologies:











Institutionalized Stage:

- Integrate activities into the NJDOT ITS/Traffic Operations work programs.
- Offer real-time alerts to truck drivers for slowdowns and congestion.
 - "No Trucks in Left Lane" alerts to avoid traffic congestion.



DRIVEWYZE ALERTS

- "No Trucks in Left Lane" alerts to avoid traffic congestion, increase traffic flow, and increase safety
- Notifications are sent approximately every
 15 miles on a 3-lane roadway
 - Following is the text that goes out:
 - Title: LEFT LANE RESTRICTED
 - Message: No Trucks Left Lane



DRIVEWYZE ALERTS

		Last 90 days @ July 25/24		Last 90 days @ March 27/24	
Site ID	Site Name	Alerts	Trucks	Alerts	Trucks
	NJ DOT Truck Left Lane Restrictions I-				
21936	287 Edison NB	25242	7702	25190	7415
	NJ DOT Truck Left Lane Restrictions I-				
21937	287 Bridgewater NB	30626	10084	28863	9326
	NJ DOT Truck Left Lane Restrictions I-				
21938	287 Harding Township NB	37078	12488	35234	11383
	NJ DOT Truck Left Lane Restrictions I-				
21939	287 Montville NB	37167	12619	34186	11491
	NJ DOT Truck Left Lane Restrictions I-				
21940	287 Mahwah SB	52931	14158	48371	12800
	NJ DOT Truck Left Lane Restrictions I-			_	
21941	287 Riverdale SB	32029	11536	29520	10359
	NJ DOT Truck Left Lane Restrictions I-				
21942	287 Hanover SB	33086	11446	31079	10395
	NJ DOT Truck Left Lane Restrictions I-				
21943	287 Bedminster SB	36889	12677	34082	11471
	NJ DOT Truck Left Lane Restrictions I-				
21944	287 Piscataway SB	29412	9296	28118	8864
		1786108	515432	1717619	482100

- Alerts are sent in real-time. Sending notifications since August 17, 2023.
- To date, 1,786,108 total alerts have been sent, and 515,432 to the commercial vehicle trucks.