

Key Bridge Incident Overview

On March 26, 2024, a significant incident occurred when a cargo ship collided with the Francis Scott Key Bridge (I-695) in Baltimore, leading to its collapse. This event severely disrupted traffic and necessitated immediate and coordinated recovery efforts.

NOAA's Response

- *National Geodetic Survey (NGS): Deployed to capture high-resolution imagery to support hazardous material management and marine debris cleanup, aiding in navigation safety enhancements.*
- *Office of Coast Survey (OCS): Conducted hydrographic surveys to identify alternative routes for vessels, updating marine navigation charts accordingly.*
- *Office of Response and Restoration (OR&R): Focused on pollution control and environmental safeguarding measures.*
- *Office for Coastal Management (OCM): Provided crucial vessel tracking data to assist in logistical coordination.*
- *Center for Operational Oceanographic Products and Services (CO-OPS): Installed monitoring equipment to provide essential meteorological and oceanographic data, supporting safe navigation and environmental monitoring.*
- *Here's an updated overview of the team roles for the Francis Scott Key Bridge recovery efforts, including the schedules for each person involved as of today's date, April 20, 2024:*

Team Roles and Schedules

- *John Carter: Traffic Director, manages detours and traffic flow around the disaster area. On duty 24/7 for emergency response. Contact: john.carter@trafficdept.gov*
- *Maria Gonzalez: Emergency Operations Commander, oversees site security and public safety. On call 24/7 for immediate responses. Contact: maria.gonzalez@bpd.gov*
- *Evan Roberts: Leads bridge reconstruction efforts, coordinates with engineering teams. Available 24/7 to oversee ongoing construction activities. Contact: evan.roberts@constmngmt.gov*
- *Linda Cho: Manages operational logistics for recovery teams, organizes resources and daily briefings. Schedule: Monday to Friday, 7AM-7PM. Contact: linda.cho@groupops.gov*
- *Derek Wu: Directs aerial survey operations, provides real-time updates on bridge conditions. Works weather-dependent hours, typically during daylight for better visibility. Contact: derek.wu@aerialops.gov*
- *Samantha Lee: Evaluates structural integrity and manages temporary infrastructure installations. Schedule: Monday to Saturday, 8AM-6PM. Contact: samantha.lee@usarmy.mil*
- *Ali Thompson: Handles communications and compliance between different governmental agencies. Available 24/7 for inter-agency coordination. Contact: ali.thompson@govliaison.gov*
- *Priya Singh: Tracks project progress and manages risk assessments for the recovery efforts. Schedule: Monday to Saturday, 8AM-6PM. Contact: priya.singh@pmo.gov*

- *Nate Johnson: Oversees logistics concerning supplies and resource distribution. On duty 24/7 to manage logistical needs. Contact: nate.johnson@logistics.gov*
- *Emma Torres: Manages media relations and public communications. Available during media briefings and on call for public updates. Contact: emma.torres@publicrelations.gov*
- *Alex Jensen: Analyzes and reports on traffic safety and risk areas. Schedule: Monday to Friday, 9AM-5PM. Contact: alex.jensen@roadsafety.gov*
- *Brianna Ford: Monitors environmental impacts and liaises with construction teams for eco-friendly practices. Schedule: Monday to Friday, 9AM-5PM. Contact: brianna.ford@epa.gov*
- *Connor Walsh: Coordinates medical response and sets up temporary medical facilities. On call 24/7 for emergency medical services. Contact: connor.walsh@ems.gov*
- *Diana Morales: Designs and oversees bridge repair strategies. Schedule: Monday to Friday, 8AM-6PM. Contact: diana.morales@ced.gov*
- *Erik Nguyen: Manages military support and logistics. Available as required for logistical support and military coordination. Contact: erik.nguyen@military.gov*
- *Fiona Chapman: Handles community relations and information dissemination. Schedule: Monday to Friday, 8AM-5PM. Contact: fiona.chapman@publicaffairs.gov*
- *Grant Simmons: Coordinates federal emergency management resources and response strategies. On call for crisis management and coordination. Contact: grant.simmons@fema.gov*
- *Hannah Zhao: Ensures operational IT infrastructure and technology support. Schedule: Monday to Friday, 9AM-5PM. Contact: hannah.zhao@techsupport.gov*

- *Ian Clarke: Focuses on water system safety and infrastructure coordination.
Schedule: Monday to Friday, 8AM-4PM. Contact: ian.clarke@waterresources.gov*
- *Julia Fernandez: Leads overall crisis strategy and management. Schedule: Monday to Friday, 8AM-4PM. Contact: julia.fernandez@cmo.gov*
- *Keith Morgan: Manages flood barriers and coordinates emergency services.
Schedule: Monday to Friday, 8AM-5PM. Contact: keith.morgan@fmu.gov*
- *Laura Benson: Integrates urban planning with bridge recovery projects for sustainable development. Available 24/7 for critical planning and response.
Contact: laura.benson@urbandev.gov*
- *Marcus Reid: Handles hazardous materials incidents. Schedule: Monday to Friday, 9AM-6PM. Contact: marcus.reid@hazmat.gov*
- *Nina Patel: Protects wildlife affected by the disaster. On call 24/7 to respond to wildlife emergencies. Contact: nina.patel@wildlife.gov*
- *Oscar Kim: Assesses and protects critical infrastructure. On call 24/7 for infrastructure security and emergency response. Contact: oscar.kim@cip.gov*

Operational Supplies Data

- ***Item ID: 001, Description: Steel Beams, Quantity Required: 500 tons, Quantity on Hand: 300 tons, Delivery Date: 2024-05-10, Status: Scheduled***
- ***Item ID: 002, Description: Concrete Blocks, Quantity Required: 800 cubic meters, Quantity on Hand: 800 cubic meters, Delivery Date: 2024-04-25, Status: Delivered***

- **Item ID: 003, Description: Safety Gear Sets, Quantity Required: 200 sets, Quantity on Hand: 150 sets, Delivery Date: 2024-04-30, Status: Delayed**

Equipment and Machinery Data

- **Equipment ID: E01, Type: Crane, Certification Valid: 2024-12-31, Last Maintenance: 2024-04-01, Usage Start Date: 2024-04-25, Usage End Date: 2024-05-25**

- **Equipment ID: E02, Type: Bulldozer, Certification Valid: 2024-08-20, Last Maintenance: 2024-04-15, Usage Start Date: 2024-04-25, Usage End Date: 2024-04-30**

- **Equipment ID: E03, Type: Concrete Mixer, Certification Valid: 2024-11-05, Last Maintenance: 2024-03-25, Usage Start Date: 2024-05-01, Usage End Date: 2024-05-15**

Human Resources Data

- **Employee ID: 101, Name: John Doe, Role: Site Supervisor, Certifications: Safety Management, Shift Start: 2024-04-20 08:00, Shift End: 2024-04-20 20:00**

- **Employee ID: 102, Name: Jane Smith, Role: Crane Operator, Certifications: Crane Operation Level 2, Shift Start: 2024-04-20 20:00, Shift End: 2024-04-21 08:00**

- **Employee ID: 103, Name: Bob Johnson, Role: Logistics Coordinator, Certifications:**
Supply Chain Management, Shift Start: 2024-04-20 08:00, Shift End: 2024-04-20 18:00

Transport and Delivery Data

- **Transport ID: T01, Origin: Warehouse, Destination: Site Entry, Content: Steel Beams,**
Departure Date: 2024-05-08, Arrival Date: 2024-05-10, Status: Scheduled

- **Transport ID: T02, Origin: Depot, Destination: Site Entry, Content: Concrete Blocks,**
Departure Date: 2024-04-24, Arrival Date: 2024-04-25, Status: Arrived

- **Transport ID: T03, Origin: Storage, Destination: Site Entry, Content: Safety Gear Sets,**
Departure Date: 2024-04-28, Arrival Date: 2024-04-30, Status: En Route

Environmental and Safety Compliance Data

- **Report ID: 001, Type: Environmental, Date: 2024-04-20, Findings: Minor spill detected**
near site entry, Action Required: Immediate cleanup; review procedures

- **Report ID: 002, Type: Safety Audit, Date: 2024-04-20, Findings: Inadequate safety gear**
for workers, Action Required: Order additional gear; retrain staff

- *****Report ID: 003, Type: Compliance, Date: 2024-04-20, Findings: Non-compliance with waste management, Action Required: Adjust waste handling protocols*****

