

From: Allen, Susan [Susan.Allen@vermont.gov]
Sent: Wednesday, August 03, 2016 4:24 PM
To: Trombley, Shana
Subject: FW: Vermont After Irene.doc
Attachments: Vermont After Irene.doc

From: Cole, Chris
Sent: Wednesday, August 03, 2016 4:24 PM
To: Allen, Susan <Susan.Allen@vermont.gov>
Subject: FW: Vermont After Irene.doc

FYI

From: Filkorn, Erik
Sent: Wednesday, August 03, 2016 3:31 PM
To: Marshia, Kevin <Kevin.Marshia@vermont.gov>; Rogers, Scott <Scott.Rogers@vermont.gov>; Cole, Chris <Chris.Cole@vermont.gov>
Subject: Vermont After Irene.doc

Sue Allen reached out to me looking for Irene numbers and “lessons learned”.

I found this document in Donna’s folder “After Irene Talking Points” which appears to cover all that and more.

Don’t want to confuse matters but this just might fit the bill.

Vermont After Irene
Presentation talking points

ICS – Incident Command System

Goals:

- Establish emergency access to cutoff/isolated towns & locations within communities
- Establish access for utility companies to restore power to areas that are still cut off
- Establish mobility (public access) to towns that currently have emergency access only
- Establish mobility along East/West corridors (to include truck traffic/commerce)
- Inspect all bridges of concern
- Prepare state roads for winter operations

Resources:

VTrans Employees: Approximately 700 were assigned to *IRENE* recovery tasks
Hundreds of National Guard Troops: Vermont, Maine, Illinois, Ohio, NH, SC, WV, Virginia
DOT Partners: Maine and New Hampshire
Over 200 Private Contractors and Consultants... Approximately 1800 people from the private sector,
Medical Assistance from LA, ME, AR, MO, NH, ID and FL
EOC, RPCs, Red Cross Church groups, Fraternal Organizations, and many individuals

First 30-days

Summary of State Highway Roads and Bridges August 28, 2011

State Road Segments Closed = 146 ~ 531 miles

Bridges Closed = 34

September 28, 2011

State Road Segments Closed = 6 ~ 13 miles

Bridges Closed = 6

Municipalities

September 30, 2011

Road Segments Damaged = 2,260

Road Segments Closed = 175

Bridges Damaged = 289

Bridges Closed = 90

Culverts Damaged = 963

Culverts Closed = 335

Rail Damage

- 107 Washouts – over 50 very large
 - 32 on GMRC
 - 47 on B&R
 - 4 on VTR Northern
 - 9 on CLP
 - 9 on WACR Conn River
 - 6 on WACR M&B
- 6 Bridges severely compromised
 - All suffered major structural damage

Rail Restoration

- Railroad shut down August 29
- Service restored on:
 - CLP ~ Aug 31
 - VTR Northern ~ Aug 31
 - WACR Conn River from north only ~ Sept 9
 - GMRC ~ Sept 16
 - VTR B&R ~ Sept 18
 - White River Junction Bridge ~ Oct 11

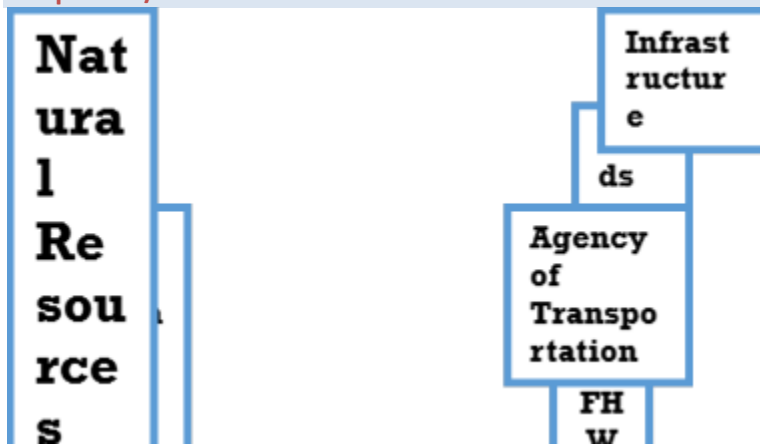
Emergency Response Lessons Learned

- Use of ICS is crucial to success
- Choose leaders early
- Train leaders intensely
- Enhance technology available to ICS leaders
- Train all staff in ICS
- Adopt SOP that incorporate structure of UC and role of IT
- Communicate – constantly
- Celebrate milestones

Irene Sparked Innovation

- Use of cross-functional teams
- Infusion of tech-savvy staff
- Empowering staff to make decisions at local level
- Close roads more frequently for repairs
- Streamline design process

Adaptation/Resilience



Vermont Transportation Resilience Plan

Vermont After Irene

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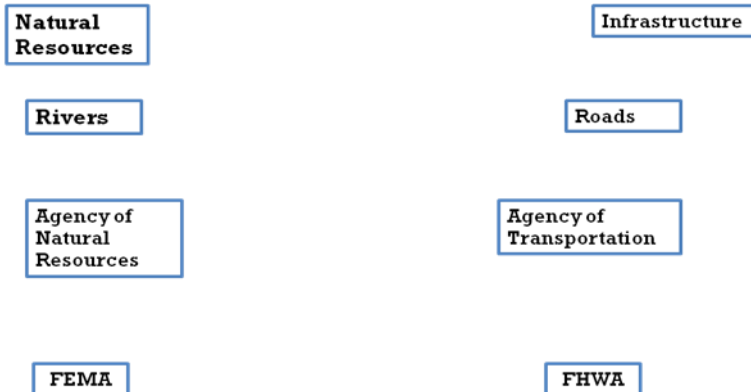
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