

# MOBILE PRELIMINARY DATA COLLECTION FOR ROADS AND BRIDGES

While we are waiting to start  
Please feel free to browse to ArcGIS  
Online' s website  
Search for VTrans damage map

Stephanie Magnan  
Vermont Agency of Transportation

# DISASTER STRIKES



# FIRST GENERATION DATA COLLECTION

## DAMAGE ASSESSMENT

Version 2.0 09/02/2012

DATE \_\_\_\_\_ PHOTO ID \_\_\_\_\_

INSPECTOR \_\_\_\_\_

TOWN \_\_\_\_\_

ROUTE \_\_\_\_\_

STRUCTURE NUMBER \_\_\_\_\_

FROM MILEMARKER / TO MILEMARKER \_\_\_\_\_

FROM XY,LAT,LO'NG / TO XY,LAT,LO'NG \_\_\_\_\_

E911 ADDRESS \_\_\_\_\_

LOCATION DESCRIPTION (ROAD NAME) \_\_\_\_\_

DAMAGE DESCRIPTION \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

POTENTIAL LOSS OF LIFE SITUATION      YES      NO

SPECIALIST INSPECTION NEEDED (CIRCLE ONE)      YES      NO      TYPE \_\_\_\_\_  
STRUCTURAL / GEOTECH / UTILITIES / HAZ MAT

ROADWAY STATUS (CIRCLE ONE)      CLOSED      OPEN      EV ONLY      1 LANE

DETOUR STATUS      CLOSED      OPEN      EV ONLY      1 LANE

DETOUR ROUTE INFO (ROADS/LENGTH) \_\_\_\_\_

UTILITIES (WHAT WHERE) \_\_\_\_\_

ENVIRONMENTAL / HAZ MAT ISSUES \_\_\_\_\_

COMMENTS \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

RFA NUMBER \_\_\_\_\_

SENT TO OPS DATE \_\_\_\_\_

PRIORITY LEVEL      1      2      3  
\* 1 = THREAT TO LIFE / ROAD CLOSED    2 = SLOPE FAILURE / DEBRIS / RESTRICTED ACCESS    3 = MINOR DAMAGE

WORK IN PROGRESS      Y      N

LEVEL OF IMPROVEMENT      1      2      3      4  
\* 1 = OPEN FOR EMERGENCY VEHICLES    2 = PUBLIC ACCESS    3 = LAST OVER WINTER    4 = LONG TERM FIX

COMPLETE / DATE      Y      N      \_\_\_\_\_

# SECOND GENERATION DATA COLLECTION

131 001 - Microsoft Excel

**DUMMERSTON INCIDENT COMMAND CENTER - DAMAGE ASSESSMENT** VERSION 7.0 03/02/2011

ROUTE: Route 121

STRUCTURE NUMBER:

FROM MILEMARKER / TO MILEMARKER: 16 miles from 103

FROM XY,LAT LONG / TO XY,LAT LONG: 43°23'06" N 72°37'09" W

E911 ADDRESS:

LOCATION DESCRIPTION (ROAD NAME):

DAMAGE DESCRIPTION: 125' of pavement was undermined. East bound lane dropped 9"

POTENTIAL LOSS OF LIFE SITUATION: YES NO Prior to repairs

SPECIALIST INSPECTION NEEDED (CIRCLE ONE): YES NO TYPE: STRUCTURAL / GEOTECH / UTILITIES / HAZ MAT

ROADWAY STATUS (CIRCLE ONE): CLOSED OPEN EV ONLY 1 LANE

DETOUR STATUS: CLOSED OPEN EV ONLY 1 LANE

DETOUR ROUTE INFO (ROADS/LENGTH): Detour onto route 103 or 103

UTILITIES (WHAT WHERE):

ENVIROMENTAL / HAZ MAT ISSUES:

COMMENTS:

PRIORIT 1 2 3  
\* 1 = THREAT TO LIFE / ROAD CLOSED 2 = SLOPE FAILURE / DEBRIS / RESTRICTED ACCESS 3 = MINOR DAMAGE

WORK I Y N

LEVEL O 1 2 3 4  
\* 1 = OPEN FOR EMERGENCY VEHICLES 2 = PUBLIC ACCESS 3 = LAST OVER WINTER 4 = LONG TERM FIX

COMPLE Y N

Sheet1 Sheet2 Sheet3

Ready 60% 12:30 PM 10/16/2015

# THIRD GENERATION DATA COLLECTION

Damage Assessment - Windows Internet Explorer

https://inside.vermont.gov/agency/vtrans/VTransIntranetHome/Highway/Ops/DistrictPMTech/Lists/Damage%20Assessment/Damage%20Summary%20%20State.aspx

Vermont Agency of Transportation > VTrans SharePoint Intranet Home

Welcome MAGNAN, STEPH | My Site | My Links

District PM/Tech Team Site

VTrans SharePoint Intranet Home > DMV > Finance and Administration > Highway Division > Policy, Planning & Intermodal Development > Human Resources

Damage Assessment

View All Site Content

Topics and Associated Information

- Asset Management
- Codes and Standards
- Damage Assessment - July 2014
- Damage Assessment - April 2014
- December 2014 Storm Damage
- FEMA
- FHWA
- Irene Damage Site Tracking
- MAPS
- Monthly Appropriations Report
- Slope Stabilization Procedures - DRAFT FOR REVIEW
- Statewide - Salt Test Results
- Studies - White Papers
- The Orange Book - Online Version 2014-2016
- Town Highway Aid
- Town Highway Grants Program
- Town Highway Road Assessments

Lists

- Calendar
- Tasks
- December 2013 Event

Damage Assessment

1 - 100 | View: April 2014 Damage Su...

Site Number	Anticipated NEPA Permitting	Begin Milemarker	Damage Description	Date of Damage	District Number	Emergency Estimated Cost	End Milemarker	FAS Route Number	Permanent Estimated Cost	Route	Scope of Work for Permanent Fix	Town Highway Name	Town Name	Comments	Pictures
						<b>Sum = \$382,900.00</b>							<b>Sum = \$2,834,079.00</b>		
D9-1	Yes	4.38	Culvert damage	4/15/2014	9	\$50,000.00	4.38		\$0.00	VT-242	Reconstruction of culvert	JAY		(Also damaged in Irene. Site D9-6a). 48" pipe failed at joint with separation & material migration, collapse at inlet end. Roadway is closed. On 4/17 a temporary culvert will be installed to reopen roadway. Statewide Bridge is working on project to replace with concrete box this summer that has been in the works since it was damaged in Irene. Permanent work will be covered under VT 11-2 (Irene) declaration.	<a href="#">View</a>
D9-2	No	4.6	Culvert damage	4/15/2014	9		4.6		\$8,000.00	US-5	Reconstruction of culvert	COVENTRY		24" culvert failed. Will be replaced on 4/17	<a href="#">View</a>
D9-3	No	1.95	Slide	4/15/2014	9	\$2,000.00	2.58		\$3,000.00	VT-5A	Removal of debris	WESTMORE		Ledge and slope material slid into ditch and roadway along	<a href="#">View</a>

Local intranet | Protected Mode: Off

12:30 PM 10/16/2015

# NEXT STEP... WAS TO TAKE A STEP BACK...

Needed to :

- ❑ Look at the process
- ❑ What are the critical data needs
- ❑ What could we automate
- ❑ What was the information flow
- ❑ Who needed the information

# NEXT STEP... BABY STEP 1

Needed to :

- ❑ Look Technology
- ❑ Look at what folks use day to day
- ❑ K.I.S.S. theory
- ❑ Enhance their work not inhibit
- ❑ What is the work flow???

# NEXT STEP... BABY STEP 1

## Existing Technology Vendors :

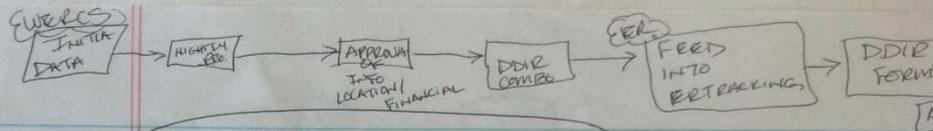
- ❑ Timmons Group - VizOps
- ❑ Mocura – Damage Recon
- ❑ Zehnder Communications
- ❑ RunMobile - DARS
- ❑ MB3 EMGrants Pro – PDA App

# NEXT STEP... BABY STEP 2

Needed to :

- ❑ Develop data fields
- ❑ Develop the map
- ❑ Understand the FEMA and FHWA “Rules”
  - ❑ What qualifies
  - ❑ What are the minimum thresholds

# BABY STEP 2



## INITIAL DATA COLLECTION ( DAMAGE ASSESSMENT)

### PICTURE (ATTACHMENT)

- (I) SITE NUMBER
- (I) ROUTE
- (I) BRIDGE NUMBER (IF APPLICABLE)
- (I) BEG MM
- (I) END MM
- (D) DAMAGE DESCRIPTION
- (I) SCOPE OF WORK
- (I) EMERGENCY EST. COST
- (I) PERMANENT EST. COST
- (I) NEPA ?

- ↙ CALL TOWN
- COUNTY
- DISTRICT
- CALC. LBS CODE
- CALC. LBS mileage
- CALC. ERROR
- VALIDATION meaning ?
- FUNCL meaning ? Classifier
- ELIGIBILITY
- STATUS
- \* Sum of Estimate

## WEATHER EVENT RESPONSE COORDINATION - 1

- PHASE I END OF AUGUST
- PHASE II END OF SEPTEMBER

West million  
\$200M  
\$250M  
\$250M

Interstate  
Subre 973 HB 34

High Tech data field development....

# BABY STEP 2

## FEMA/FHWA Rules

FHWA Emergency Relief Manual

\$700,000

<https://www.fhwa.dot.gov/reports/erm/er.pdf>

FEMA

\$1,000,000 statewide threshold

And

County threshold based population

# BABY STEP 2

## FEMA/FHWA Rules

<http://www.fhwa.dot.gov/policy/ohpi/hpms/fchguidance.cfm>

“Highways that are classified as minor rural collectors or local roads are not eligible for ER funding even if other Federal-aid funds have been used on those roads. “

### **Revised HPMS Functional Classification Codes:**

- 1 = Interstate
- 2 = Other Freeways and Expressways
- 3 = Other Principal Arterial
- 4 = Minor Arterial
- 5 = Major Collector
- 6 = Minor Collector
- 7 = Local



# DATA VALIDATION

No Service 📶 11:08 AM 📶 100% 🔋

Cancel ⚙️ 📷 📍 🏠 🔙 Submit

Jay Peak Golf & Country Club

Jay Branch

1914 ft

W. Bowl Rd

Jay Peak Rd

Clubhouse Rd

Trailside Rd

Slopeside Rd

N. Village Rd

Bridge Rd

S. Village Rd

**Location**  
Lat: 44.938076° Long: -72.503943°

**Damage Assessment:**

Site Number >

Route >

Bridge Number >

Begin Milemarker  
**0.00** >

End Milemarker >

Damage Description >

Scope of Work >

Emergency Estimated Cost  
**0.00** >

Permanent Estimated Cost  
**0.00** >

Anticipated NEMA Permitting >

Bridge Damage >

# REPORTING...STEP 1

PrelimDamage [Compatibility Mode] - Microsoft Excel

	A	B	C	D	E	F	G	H	I	J
1	OBJECTID	SITE_NUMBER	ROUTE	DGE_NUMIN	MILEMAREND	MILEMARKET	DAMAGE_DESCRIPTION	SCOPE_OF_WORK	EMERG_ESTIMATE	PERM_ESTIMATE
2	7213	1	Government Hill Rd			0.5	Shoulder Scour	0.5 miles 5' wide w/ 1' depth		
3	7614	3	Fowler Rd			0	Shoulder Scour	Shoulder eroded to a depth 1'x 2' the entire length of road	\$1,000.00	\$10,000.00 PL
4	7615	5	Gray Rd			0	Shoulder Scour	1 mile of scour approximately 2'x 2'		\$5,000.00 PL
5	7616	8	Gore Rd			0	Scour along shoulders, culvert washed out	Twin culverts were exposed, 50' of roadway needs to be re-est	\$2,500.00	\$4,500.00 PL
6	7617	11	Brook Rd	B25???		0	North approach completely impassable	75' of north side washed out only centerline of road remains	\$1,000.00	\$5,000.00 PL
7	7618	12	Brook Rd			0	Large Scour	Scour area 5'x 5'x 100' Half road width		\$2,500.00 PL
8	7619	14	Brook Rd			0	Sediment deposited in roadway	Remove approximately 45 cubic yards of material from road		\$1,000.00 PL
9	7620	5	Gonyea Rd			0	Shoulder Scour	Scour area 50' x 2' x 3' at 2 driveways	\$1,000.00	\$1,000.00 PL
10	7622	3	Plainfield Brook Rd			0	Culvert plugged and brook overtopped roadway	Lots of debris in brook at inlet to culvert needs to be removed,	\$1,000.00	\$15,000.00 BA
11	7623	2	Plainfield Brook Rd			0	Roadway Slope Eroded	Replace 556 cubic yards of material to stabilize slope, remove	\$500.00	\$10,000.00 BA
12	7624	5	Nuissl Rd			0	Shoulder Scour	Replace 222 cubic yards of material to repair road bed	\$3,000.00	\$3,000.00 BA
13	7625	6	Nuissl Rd			0	Culvert over topped the road eroded shoulder	Replace 300 cubic yards of material to stabilize road bed	\$3,000.00	\$3,000.00 BA
14	7626	4	Lyman Rd			0	Shoulder Scour	Replace 40 cubic yards of material to stabilize shoulder		\$1,500.00 PL
15	8013	1	Brook Rd	B21		0	Approaches & Deck	Both Approaches will need repairs. Deck has a large hump in	\$2,000.00	\$30,000.00 PL
16	8014	2	Brook Rd			0	Bank Erosion	75' of river bank along shoulder eroded (aap ht 20')	\$1,000.00	\$20,000.00 PL
17	8015	4	Brook Rd			0	Road Impassable due to large washout	100' of road full width road destroyed (15'-20' depth)	\$1,000.00	\$30,000.00 PL
18	8016	6	Bean rd			0	Culvert Washed Away	Large Culvert washed 100' down stream, roadway impassable until culvert is put bac		\$4,000.00 PL
19	8017	7	East Hill Rd			0	Shoulder Scour / Over Topped Culvert	Numerous shoulder scour spots along 3 mile stretch 1'-2' dept	\$1,000.00	\$1,500.00 PL
20	8413	9	Lee Rd	B26		0	Road complete impassable for 1,700 feet	Shoulders and road bed eroded away, several culverts are ex	\$500.00	\$30,000.00 PL
21	8414	10	Brook Rd			0	Approach Erosion	North approach has a scour area 3'x 1'x 2' @ bridge deck and	\$1,000.00	\$1,500.00 PL
22	8415	13	Brook Rd			0	Culvert plugged	Culvert plugged and road overtopped, 10'x 4'x 25'	\$1,000.00	\$3,000.00 PL
23	8416	15	Upper Rd			0	Shoulder Scour	1 mile of shoulder scour 1'x 2'		\$2,000.00 PL
24	8417	17	Gonyea Rd			0	Culvert Overtopped	Intersection was scoured (25'x 75'x 2')	\$1,500.00	\$2,000.00 PL
25	8418	1	Cummings Rd			0	Culvert plugged and overtopped the road	Replace 1,667 cubic yards of material at pipe outlet, remove c	\$1,000.00	\$25,000.00 BA
26	8419	3	Mitchell Rd			0	Bank Erosion & Road Scour	Replace 370 cubic yards of material to stabilize slope,	\$500.00	\$5,000.00 BA
27	8420	1	Oxbow Rd			0	Large Tree Fell on Structure	Access structure and replace damaged beam(s)		RO
28	8421	1	Scrabble Hill Rd			0	Shoulder & Road Scour (1 lane traffic)	Replace 290 cubic yards of material to restore roadway & shoulders		\$5,000.00 DU
29	8422	2	Mountainview Rd			0	Shoulder Scour		\$500.00	DU
30	8813	3	Mountainview Rd			0	Water overtopped drive culvert	Repair 50' of shoulder (5'x 1.5')		\$2,000.00 DU
31	8814	4	Mountainview Rd			0	Drive Culvert Overtopped	Repair shoulder 10'x 2' 2'		\$500.00 DU
32	8815	5	Mountainview			0	Cross Culvert Overtopped	Outlet and Inlet of 18" culvert washed out (8'x 5'x 2') both ends		\$750.00 DU
33	8816	6	Camels Hump Rd			0	Shoulder Scour	Repair shoulder 50'x 2'x 2'		\$1,000.00 DU
34	8817	8	Camels Hump Rd			0	Shoulder Scour	4 areas (10'x 2'x 3') (typical)		\$2,000.00 DU
35	8818	9	Camels Humo Rd			0	Shoulder Scour	Repair Shoulder 20'x 3'x 2'		\$1,000.00 DU

Ready | 11:23 AM 10/19/2015

# REPORTING...STEP 2

PrelimDamage\_20150729\_v3 [Compatibility Mode] - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View Developer

Cut Copy Paste Format Painter Clipboard Font Alignment Number Styles Cells Editing

Normal Bad Good Neutral Calculation Check Cell

AutoSum Fill Clear Sort & Filter Find & Select

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Eligibility	(All)															
2																	
3			Data														
4	County	Town	Sum of EMERG_ESTIMATE	Sum of PERM_ESTIMATE	Sum of TOTAL_ESTIMATE												
5	Caledonia County	BURKE			\$8,000.00												
6		DANVILLE			\$6,500.00												
7	Caledonia County Total				\$14,500.00												
8	Essex County	EAST HAVEN			\$8,000.00												
9	Essex County Total				\$8,000.00												
10	Washington County	BARRE CITY	\$277,000.00	\$122,000.00	\$399,000.00												
11		BARRE TOWN	\$10,500.00	\$171,400.00	\$181,900.00												
12		DUXBURY	\$500.00	\$29,300.00	\$29,800.00												
13		MIDDLESEX	\$0.00	\$5,500.00	\$5,500.00												
14		PLAINFIELD	\$14,500.00	\$199,200.00	\$213,700.00												
15		ROXBURY	\$2,000.00	\$6,000.00	\$8,000.00												
16	Washington County Total		\$304,500.00	\$533,400.00	\$837,900.00												
17	Grand Total		\$304,500.00	\$533,400.00	\$860,400.00												
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Estimate\_Pivot\_Table PrelimDamage\_20150729\_v3

Ready 100%

11:26 AM 10/19/2015

# REPORTING...STEP 3

PDA Spreadsheet\_20150724 [Compatibility Mode] - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View Developer

Clipboard Font Alignment Number Styles Cells Editing

L26

## DAMAGE ASSESSMENT WORKSHEET

Date:	PUBLIC DAMAGE								POP. '2010	\$/CAP.	\$3.56/CAP.	SHORT	
Report #:	A	B	C	D	E	F	G	TOTAL					
5	Addison Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	36,821	0.00	131,083	-131,083	
6	Bennington Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	36,658	0.00	130,502	-130,502	
7	Caledonia Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	31,084	0.00	110,659	-110,659	
8	Chittenden Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	156,545	0.00	557,300	-557,300	
9	Essex Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	6,220	0.00	22,143	-22,143	
10	Franklin Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	47,746	0.00	169,976	-169,976	
11	Grand Isle Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	6,976	0.00	24,835	-24,835	
12	Lamoille Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	24,912	0.00	88,687	-88,687	
13	Orange Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	28,972	0.00	103,140	-103,140	
14	Orleans Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	27,129	0.00	96,579	-96,579	
15	Rutland Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	60,938	0.00	216,939	-216,939	
16	Washington Co	\$0	\$0	\$653,750	\$0	\$0	\$0	\$653,750	59,367	11.01	211,347	442,403	
17	Windham Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	44,040	0.00	156,782	-156,782	
18	Windsor Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	56,125	0.00	199,805	-199,805	
19	State Agencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0					
20	<b>TOTALS</b>	<b>\$0</b>	<b>\$0</b>	<b>\$653,750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$653,750</b>	<b>623,533</b>	<b>1.05</b>	<b>1,290,233</b>	<b>-1,566,027</b>
21	NOTES:	DEBRIS CLEARANCE	PROTECTIVE MEASURES	ROAD SYSTEM	WATER CONTROL	BUILDINGS & EQUIPMENT	PUBLIC UTILITY	OTHER	\$653,750	625,953	1.04	1,000,000	\$1.41/CAP
22	PDA												-346,250

## DAMAGE ASSESSMENT WORKSHEET

Date:	PUBLIC DAMAGE- STATE AGENCIES							
Report #:	A	B	C	D	E	F	G	TOTAL
27	DOT	\$	\$	\$	\$	\$	\$	\$0
28	ANR	\$	\$	\$	\$	\$	\$	\$0

TOTALS Addison Bennington Caledonia Chittenden Essex Franklin Grand Isle Lamoille Orange Orleans Rutland Washington

Ready 87% 11:24 AM 10/19/2015

# REPORTING...STEP 3

Regional Report\_0722 1200 - Microsoft Excel

Geography						Contact Information							
Type	Jurisdiction	Town	County	RPC	Vtrans District	Point of Contact	Point of Contact Phone Number	Date/Time Contacted	Incident Commander	Local EOC Opened	Local EOC Location	Local EOC Director	Local I
Town	Warren	Warren	Washington	CVRPC	6	Peter De Freest / Jeff Campbell	279-2984 / 249-2656						
Town	Washington	Washington	Orange	CVRPC	6	Ryan Bresette	272-0892						
Town	Waterbury	Waterbury	Washington	CVRPC	6	Alec Tuscany	373-8710	7/21/15 10:45 AM; 7/22 no changes reported					
Village	Waterbury Village	Waterbury	Washington	CVRPC	6	see above							
Town	Williamstown	Williamstown	Orange	CVRPC	6	Jacqueline Higgins	433-6671						
Town	Woodbury	Woodbury	Washington	CVRPC	6	Brian Shatney	472-5762						
Town	Worcester	Worcester	Washington	CVRPC	8	Roger Strobridge	522-2113						
Town	Belvidere	Belvidere	Lamoille	LCPC	8	Hugh Tallman	644-2751	7/20/2015 12:42					
Town	Cambridge	Cambridge	Lamoille	LCPC	8	Doug Babcock Jane Porter	730-4066 644-2251	7/20/2015 12:35:00 PM 7/20/2015 12:50					
Village	Cambridge Village	Cambridge	Lamoille	LCPC	8	Doug Babcock Jane Porter	730-4066 644-2251	7/20/2015 12:35:00 PM 7/20/2015 12:50					
Town	Eden	Eden	Lamoille	LCPC	8	Rickey Morin Candy Year	635-2849 635-2528	7/20/2015 12:45 7/20/2015 1:20					
Town	Eimore	Elmore	Lamoille	LCPC	6	Brent Hosking		7/20/2015					
Town	Hyde Park	Hyde Park	Lamoille	LCPC	8	Ron Rodjenski	888-2300	7/20/2015					
Village	Hyde Park Village	Hyde Park	Lamoille	LCPC	8	Ron Rodjenski	888-2300	7/20/2015					
Village	Jeffersonville	Cambridge	Lamoille	LCPC	8	Doug Babcock Jane Porter	730-4066 644-2251	7/20/2015 12:35:00 PM 7/20/2015 12:50					

Ready End Mode 85% 11:35 AM 10/19/2015

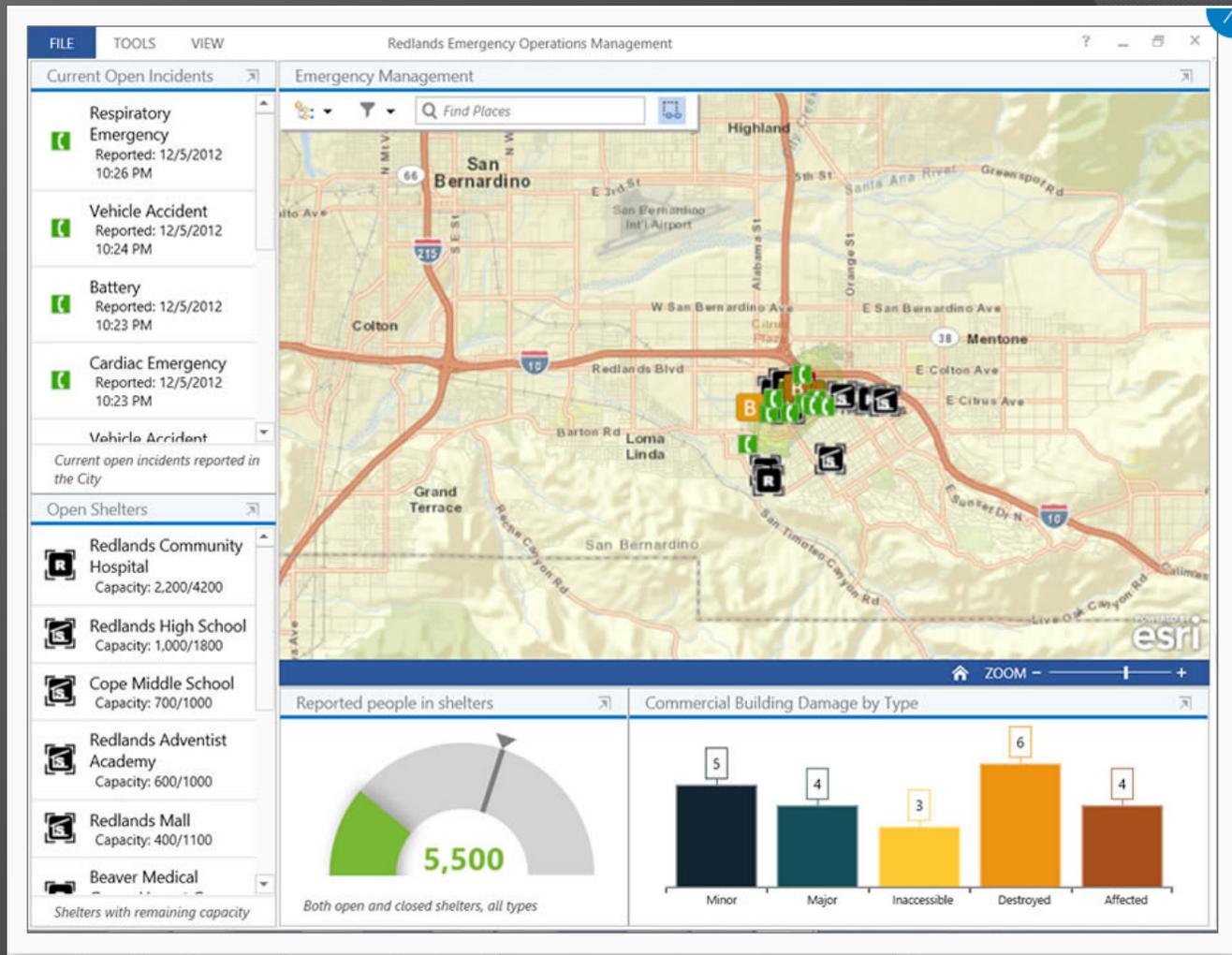
## NEXT STEPS...

Create a dashboard for quick visuals

Automate the reporting

Feed data into the ER Tracking Application

# NEXT STEPS...



# NEXT STEPS...

ER Tracking - Main Menu - [ERTracking - DDIR]

Welcome Steph Magnan

## Detailed Damage Inspection Report (DDIR)

**Record Selection:** Route:  **Find Existing**  
 Town: CAVENDISH **Clear**  
 DDIR ID: D4-106-18

**Add New DDIR** **Edit DDIR** **Delete DDIR** **View Scanned**

ICC: Dummerston  
 DDIR ID: D4-106-18  
 Inspection Date: 10/3/2011  
 Route: VT-106  
 Town: Cavendish  
 District: 2  
 State or Town: State  
 Town Hwy No:

Bridge No. 1:  From  To   
 Structure No. 1:  Mile Marker: 300  
 Bridge No. 2:  LLN:   
 Structure No. 2:  LLW:

Environmental Assessment:   
 Recommendation:  Check if  
 Interstate:

**Work Complete Date:**  
 Emergency:   
 Permanent:

**Latest DDIR Estimates:**  
 Emergency Repair: \$538,053.00  
 Permanent Repair: \$170,642.82  
 Fed Eligible Permanent Repair: \$136,514.26  
 Total Fed Eligible Cost: \$674,567.26  
 Total Site Cost: \$708,695.82  
 Last Updated On:  By:

DDIR Revision History **Projects/EAs**

**Add New Revision** **Delete Selected**

#	Revision Type	Emergency Repair	Permanent Repair	Federally Eligible Permanent Repair	Total Federally Eligible Cost	Total Site Cost	Comment	Last Updated on
1	Initial	\$538,053.00	\$170,642.82	\$136,514.26	\$674,567.26	\$708,695.82	Initial DDIR	<input type="text"/>

Damage Description: 590 feet of embankment washed out and 590 feet of pavement

Local Forces  State Forces  Contract Eligible  Interstate

**Edit** **Save** **Cancel**

ER Tracking

3:06 PM 10/19/2015



# NEXT STEPS...

VT13-1 [Protected View] - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View Developer Esri Maps Acrobat

**Protected View** This file originated as an e-mail attachment and might be unsafe. Click for more details. [Enable Editing](#)

A1 Event (VT13-1) Expenditures as of 10/19/2015

Event (VT13-1) Expenditures as of 10/19/2015

EA	Sub Job	Description	Total	Federal	State	Local
0113069	400	BARTON ER 0113(69) US5	\$14,423.47	\$14,423.47	\$0.00	\$0.00
0113070	400	WEATHERSFIELD ER 0113(70) US5	\$1,613.00	\$1,613.00	\$0.00	\$0.00
0113071	400	WESTMINSTER ER 0113(71) US5	\$8,025.23	\$8,025.23	\$0.00	\$0.00
0134042	400	GRANVILLE ER 013-4(42), VT100	\$71,343.83	\$71,343.83	\$0.00	\$0.00
0134042	401	GRANVILLE ER 013-4(42), VT100	\$95,831.68	\$77,700.33	\$18,131.35	\$0.00
0134044	400	ROCHESTER ER 013-4(44), VT100	\$34,099.70	\$34,099.70	\$0.00	\$0.00
0134044	401	ROCHESTER ER 013-4(44), VT100	\$0.00	\$0.00	\$0.00	\$0.00
0142016	400	CASTLETON-IRA ER 0142(16), VT4A	\$4,289.33	\$4,289.33	\$0.00	\$0.00
0146017	400	WEATHERSFIELD ER 0146(17), VT131	\$7,569.31	\$7,569.31	\$0.00	\$0.00
0147022	400	ROYALTON ER 0147(22), VT14	\$1,089.49	\$1,089.49	\$0.00	\$0.00
0147022	401	ROYALTON ER 0147(22), VT14	\$0.00	\$0.00	\$0.00	\$0.00
0147023	400	WILLIAMSTOWN ER 0147(23), VT14	\$5,320.42	\$5,320.42	\$0.00	\$0.00
0148011	400	WEST WINDSOR ER 0148(11), VT44	\$25,776.44	\$25,776.44	\$0.00	\$0.00
0148012	400	WINDSOR ER 0148(12), VT44	\$6,351.60	\$6,351.60	\$0.00	\$0.00
0148013	400	WINDSOR ER 0148(13), FAS0148	\$0.00	\$0.00	\$0.00	\$0.00
0148013	401	WINDSOR ER 0148(13), FAS0148	\$0.00	\$0.00	\$0.00	\$0.00
0151026	400	WEATHERSFIELD ER 0151(26), VT106	\$30,102.81	\$30,102.81	\$0.00	\$0.00
0152026	400	WINDSOR ER 0152(26), FAS0152	\$82,129.38	\$82,129.38	\$0.00	\$0.00
0152026	401	WINDSOR ER 0152(26), FAS0152	\$0.00	\$0.00	\$0.00	\$0.00
0166008	200	POMFRET ER 0166(8), FAS0166	\$0.00	\$0.00	\$0.00	\$0.00
0166008	400	POMFRET ER 0166(8), FAS0166	\$0.00	\$0.00	\$0.00	\$0.00
0166008	401	POMFRET ER 0166(8), FAS0166	\$0.00	\$0.00	\$0.00	\$0.00
0166009	400	POMFRET ER 0166(9) FAS0166	\$0.00	\$0.00	\$0.00	\$0.00
0166009	401	POMFRET ER 0166(9) FAS0166	\$0.00	\$0.00	\$0.00	\$0.00
0166010	300	POMFRET ER 0166(10), FAS0166	\$0.00	\$0.00	\$0.00	\$0.00
0178001	400	FAIRLEE ER 0178(1), VT244	\$7,181.62	\$7,181.62	\$0.00	\$0.00
0187016	400	ROXBURY ER 0187(16), VT12A	\$23,932.41	\$23,932.41	\$0.00	\$0.00
0187017	400	GRANVILLE ER 0187(17), VT12A	\$0.00	\$0.00	\$0.00	\$0.00
0187017	401	GRANVILLE ER 0187(17), VT12A	\$0.00	\$0.00	\$0.00	\$0.00
0187018	401	GRANVILLE ER 0187(18), VT12A	\$0.00	\$0.00	\$0.00	\$0.00
0188009	400	WARREN ER 0188(9) FAS0188	\$9,282.66	\$9,282.66	\$0.00	\$0.00

Ready | VT13-1 | 100%

# MOBILE PRELIMINARY DATA COLLECTION FOR ROADS AND BRIDGES

ANY QUESTIONS?? Or Feedback??

Stephanie Magnan  
Vermont Agency of Transportation