

Help will come.

- Disaster Aid
- SUVs
- Individuals
- Spectators
- Water
- Food
- Clothing

**CASH**

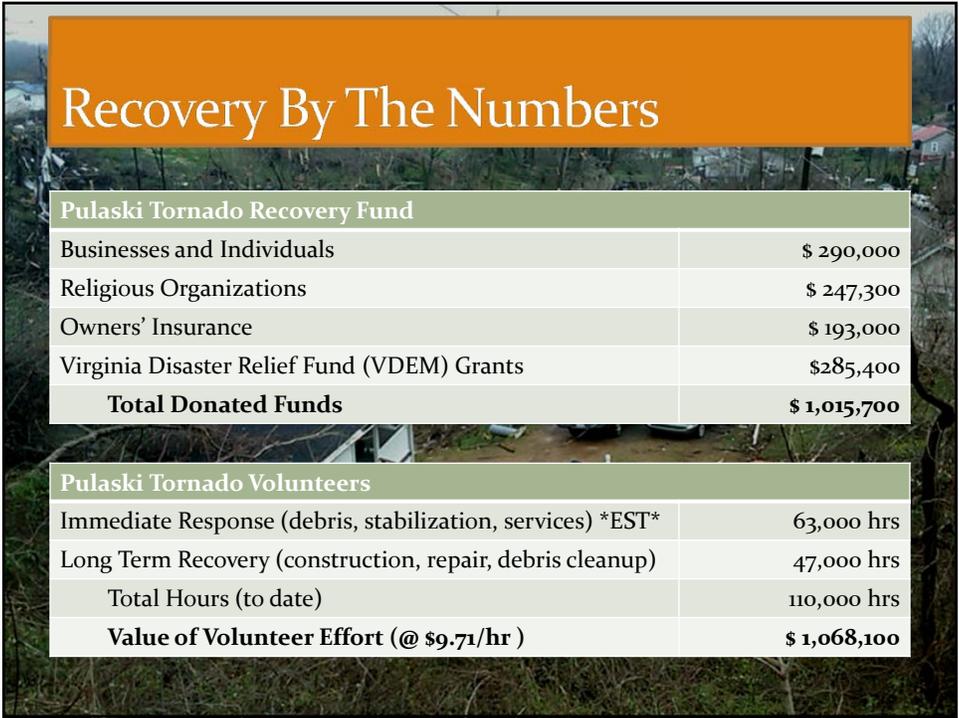
## Second Rule(s) of Disaster Recovery

Build partnerships.

- Neighboring municipalities
- Human relief agencies
- Disaster recovery organizations

Decide what you need (and what you don't need)

**Cash** is key to flexibility and success



## Recovery By The Numbers

Pulaski Tornado Recovery Fund	
Businesses and Individuals	\$ 290,000
Religious Organizations	\$ 247,300
Owners' Insurance	\$ 193,000
Virginia Disaster Relief Fund (VDEM) Grants	\$285,400
<b>Total Donated Funds</b>	<b>\$ 1,015,700</b>

Pulaski Tornado Volunteers	
Immediate Response (debris, stabilization, services) *EST*	63,000 hrs
Long Term Recovery (construction, repair, debris cleanup)	47,000 hrs
Total Hours (to date)	110,000 hrs
<b>Value of Volunteer Effort (@ \$9.71/hr )</b>	<b>\$ 1,068,100</b>



## Recovery By The Numbers

Together with partners, volunteers, and donors, we:

- Repaired over 75 homes with minor to major damage, including new roofs, windows, and debris cleanup.
- Assisted over 30 families with food, shelter, furniture, clothing, and utilities.
- Guttled and rebuilt 4 homes.
- Razed and replaced 15 homes.
- Received four parcels in exchange for demolition costs.

Enter...



**VIRGINIA DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT**  
Partners for Better Communities  
[www.dhcd.virginia.gov](http://www.dhcd.virginia.gov)

The Town and County of Pulaski received two UNOS grants to continue recovery efforts in December 2011.

- Single project team comprised of Town and County, Grant Administrator, and Rehabilitation Specialist.
- \$1.4MM : 14 Rehab, 12 SR, 2 Demo.
- Use of volunteer labor to construct SRs.
- Unique priority system including degree of structural damage. LMI prioritized but not mandatory.
- Utilize construction and case managers.

## Pilot Program: Construct 3 SRs with Volunteer Labor

### 3 Volunteer Homes

AVERAGE	
Materials Cost *	\$ 32,400
Labor Hours	2,300
Labor Value	\$ 22,333
Total "Cost"	\$ 54,733
Schedule	4 months

### 3 Contracted Homes

AVERAGE	
Contract Amount	\$ 62,615
CDBG	\$ 42,407
TRF	\$ 20,208
Total Cost	\$ 62,615
Schedule	3 months

\* Includes contract fees for masonry and HVAC.

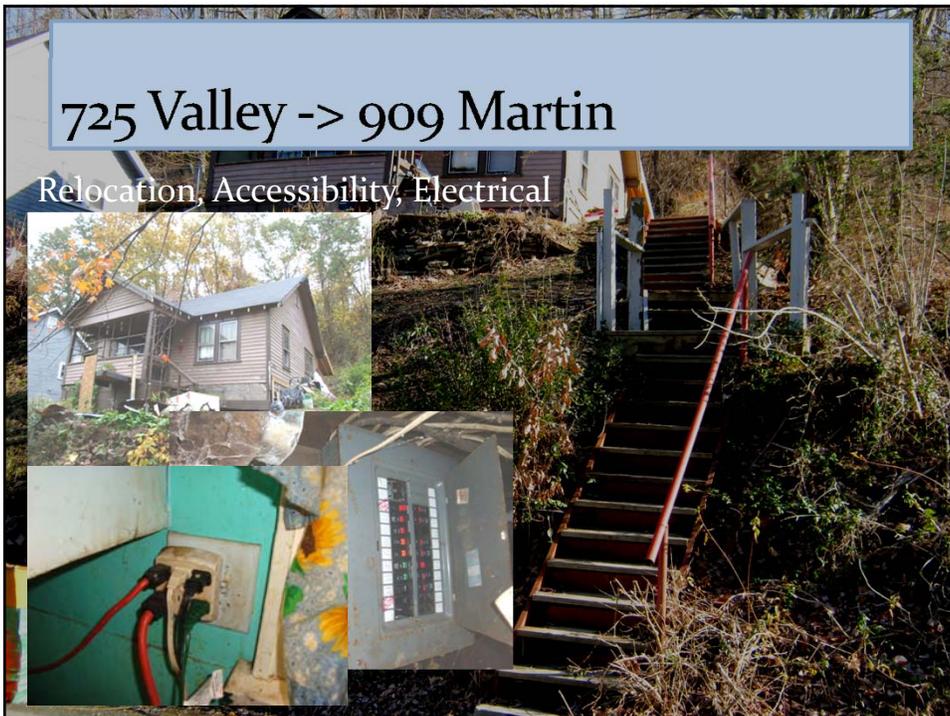
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## Building Success

- Houses #1-2-3 for VaDHCD were #18-19-20 for our recovery effort.
- Long term commitment from well-coordinated “professional” volunteer organizations.
- Continued local vendor partnerships.
- Dedicated construction and case managers.
- Return volunteers and project leaders.

## 725 Valley -> 909 Martin

Relocation, Accessibility, Electrical



# 725 Valley -> 909 Martin

Relocation, Accessibility, Electrical



# 704 Highland Terrace

Stability, Accessibility, Electrical



## 704 Highland Terrace



Stability, Accessibility, Electrical

## 1108 McMillan



Stability, HVAC, Code Compliance



## 3274 Mt. Olivet

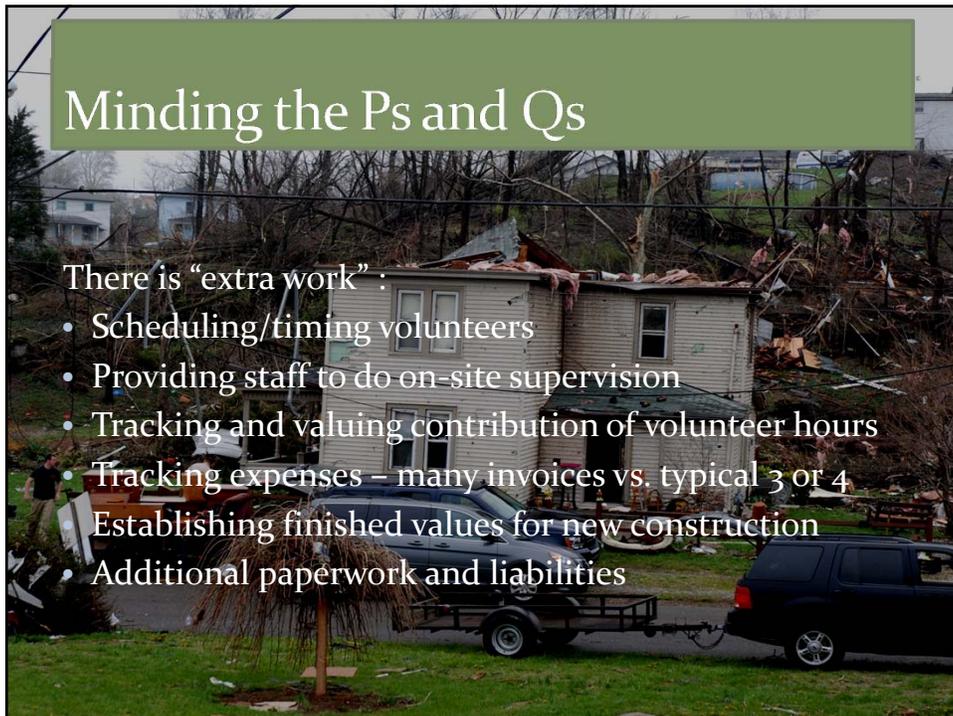


Accessibility, Septic, Electrical, HVAC

## Minding the Ps and Qs

There is “extra work” :

- Scheduling/timing volunteers
- Providing staff to do on-site supervision
- Tracking and valuing contribution of volunteer hours
- Tracking expenses – many invoices vs. typical 3 or 4
- Establishing finished values for new construction
- Additional paperwork and liabilities



## What do you mean?!? ADDITIONAL PAPERWORK AND LIABILITIES?!?

- Extra section in Program Design:  
“Volunteer-Built Home Procedures”
- Volunteer Application/Information/Waiver
- Owner’s Affidavit establishing owner as GC
- Locality’s insurance coverage for volunteers
- Homeowner insurance during construction
- Locality provides General Warranty for 1 year
- May need outside assistance for “construction quality” issues if complaint arises

A \$60,000 to \$65,000 house can be built for  
\$29,000 to \$32,000.

**The Outcome is Worth It.**

**CDBG dollars go further, accomplish more.**

