



National Guard Disaster Response Citizen Soldiers Helping Citizens

Lt Col James H. Culp
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Commander

Agenda



- **Greensburg, Kansas Tornado**

- Initial Response
- Recovery
 - Debris Removal
 - Medical Care

- **Colorado Flooding**

- EMAC
- Recovery



Greensburg Tornado



- **EF 5 Tornado struck Greensburg on 4 May 2007**
 - 10 fatalities, many more injured
 - 95% of buildings destroyed
 - City and County without law enforcement or fire response
 - Infrastructure (electric, gas, water, roads) severely damaged
 - Hospital destroyed



Greg Henshall / FEMA

Greensburg Tornado



Before



After

Greensburg Tornado



Before



After

Greensburg Tornado



Greensburg Tornado



After



Before



Greensburg Tornado Initial Response



- **5 May 2007**
 - **Kansas National Guard provided security, communications, and emergency power**
 - **Air NG Security Forces personnel provided security around town**
 - **Army and Air NG personnel provided initial communication capability with the Kansas National Guard Incident Response Vehicle (IRV)**



- **Air NG personnel provided Emergency Power Generation for Command Post area**
 - **Additionally provided lighting, fuel, food, water, and transportation**
 - **Additionally provided debris removal**

Greensburg Tornado Initial Response



Fighting Jayhawks

Greensburg Tornado Recovery Phase



- **Debris Removal**
 - **Joint Effort Kansas National Guard and Kansas Department of Transportation (KDOT)**
 - **Cleared public roads, right of ways, and utility easements**
 - **Army NG worked large areas with KDOT**
 - **Air NG focused on problem areas requiring quick response**
 - **Efficient effort – fastest tornado clean-up to date**
 - **Debris was trucked 2 miles from town and burned**
 - **13,114 Dump Truck loads!!!**



Greensburg Tornado Debris Removal



- Removal from Roads and Utility Easements



Greensburg Tornado Debris Removal



- **Dump Site**



Greensburg Tornado Recovery Phase



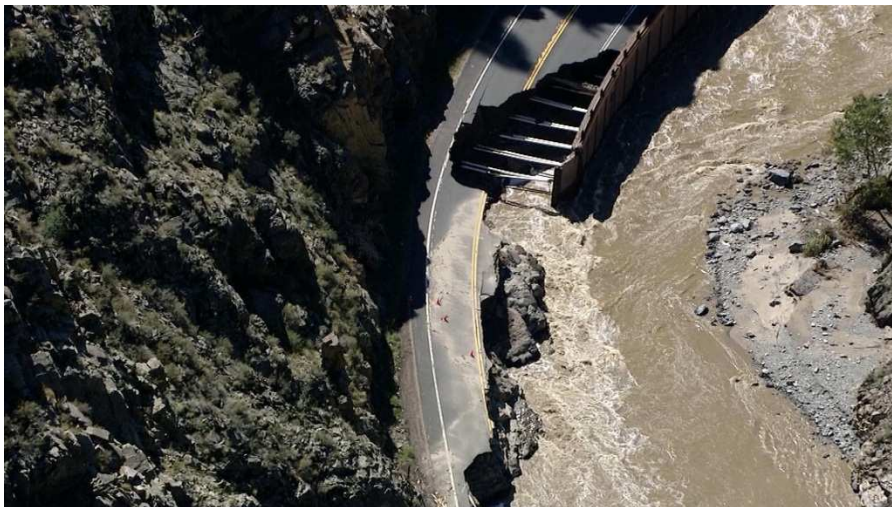
- **Medical Care**
 - Only Hospital was destroyed
 - Without Medical Care available, many citizens would be forced to move
 - Kansas National Guard Expeditionary Medical Support (EMEDS) facility was placed in Greensburg as a temporary facility – 3 years
 - Only facility – no personnel



Colorado Floods EMAC



- **Record breaking flooding in Colorado began 14 September 2013**
 - **All major roads to the city of Estes Park were damaged and closed**
 - **Colorado asked for assistance from neighboring states to open roads before winter using the Emergency Management Assistance Compact (EMAC)**
 - **Kansas Army and Air National Guard deployed a 77 person joint engineer task force to build a temporary road**



Colorado Floods



Colorado Floods Recovery Phase



- **Kansas Joint Engineer Task Force key metrics:**
 - 4,894 man hours
 - Hauled 7,280 CY of fill
 - 3,500 CY of native material used (rocks from river, etc.)
 - Prepared 13 miles of road for paving and assisted contractor with paving

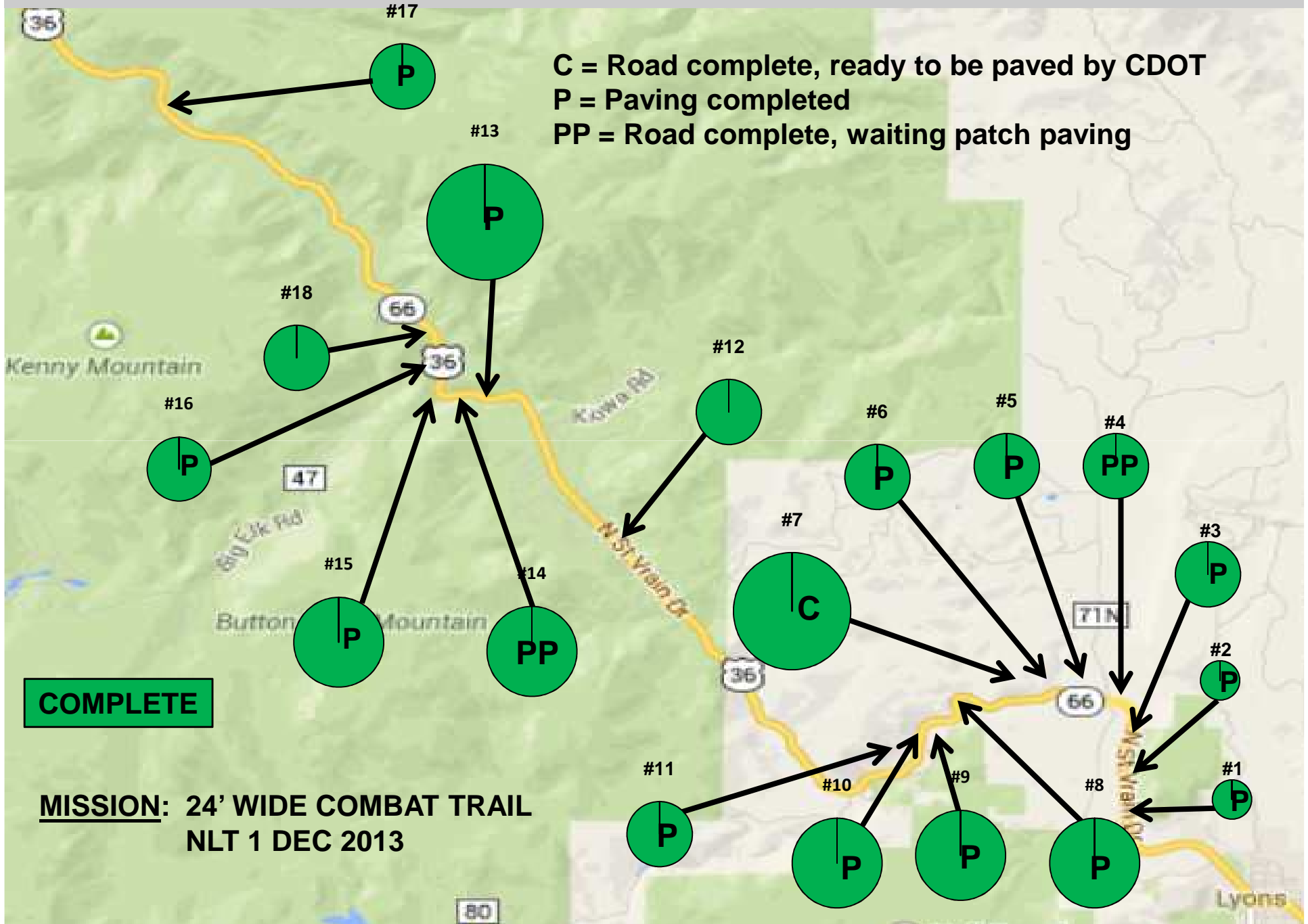


Colorado Floods Recover Phase



PROJECT LOCATIONS

C = Road complete, ready to be paved by CDOT
P = Paving completed
PP = Road complete, waiting patch paving



COMPLETE

**MISSION: 24' WIDE COMBAT TRAIL
NLT 1 DEC 2013**

Colorado Floods Recovery Phase



- **Outcome – Project success**
 - Road opened 30 days ahead of schedule
 - Outstanding joint opportunity for Army and Air NG from six states (Colorado, Utah, Montana, Florida, Arizona, and Kansas) to work together as one team





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Questions?

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