

Joplin, Missouri Tornado MAT

Daily Report

Friday, June 3, 2011

Overview

A Mitigation Assessment Team (MAT) consisting of 10 members completed data collection. At times, the MAT split into two teams in the interest of time. A majority of the day was spent on the western side of the damage area. The team visited St. John's Hospital, Mercy Village, Ozark Center for Autism, Joplin Fire Station #2, Joplin Fire Station #4, South Middle School, Sunset Drive subdivision, a building newly constructed following the tornado, Seneca Intermediate School Safe Room, and Frito-Lay Safe Room. The MAT plans to consolidate observations from the field as well as attempt to meet with the Building Official on Saturday.

Site Locations



Observations

St. John's Regional Medical Center

- Granted access to hospital perimeter, did not enter facility



St. John's Regional Medical Center

Mercy Village

- 3-story assisted living apartment building
- Built 2005 (estimated)



Mercy Village

Ozark Center for Autism

- 3-story office building
- Mainly glazing and envelope damage
- Some interior wall collapse



Ozark Center for Autism

Fire Stations

- Fire Station #2 built in 1982
- Fire Station #4 built in 1991
- Occupants sheltered in interior rooms



Joplin Fire Station #2



Joplin Fire Station #4

South Middle School

- Appeared school was expanded over the years
- Some roof cover and decking loss



South Middle School

Sunset Drive Subdivision

- Most houses built between 2000-2008
- Large homes, many with complex roofs
- Many homes had basements for refuge (uncommon in Joplin)



Sunset Drive Subdivision: A damaged home

New/ongoing construction

- Built after tornado
- Appears to be built to latest IRC standards



New Construction

Seneca Intermediate School Safe Room

- Built in 2008 to FEMA 361 standards
- Combined gymnasium and cafeteria



Seneca Intermediate School: Exterior entrance to safe room

Frito-Lay Facility Safe Room

- Built by TwisterSafe with capacity for approximately 40 people; used during May 22nd Tornado by approximately 25 employees
- No photographs taken/available