



Metro Council Management Committee
Understanding Transit Emergency Management
COO Vince Pellegrin & Lt. Jim Franklin



House File 3099

- APRIL 2008 MINNESOTA LEGISLATURE CREATED HOUSE FILE 3099 (HF 3099)
- HF 3099 CREATED A “DESIGNATED EMERGENCY MANAGER”
- STATE OF MINNESOTA EMERGENCY MANAGEMENT CERTIFICATION REQUIRED
- EXECUTIVE ORDER 10-06
- ASSIGNING EMERGENCY RESPONSIBILITIES TO STATE AGENCIES;



Emergency Plans

- Emergency Operations Plans (EOPs) exist for bus, light rail and commuter rail.
- The National Response Framework (NRF), maintained and developed by FEMA, describes the federal support responsibilities during a major disaster. The NRF includes:
 - Fundamental policies
 - Federal resources
 - Reference to other emergency operations plan
 - The 15 Emergency Support Functions



Emergency Support Functions

- **ESF 1 – Transportation**
- ESF 2 – Communications
- ESF 3 – Public Works and Engineering
- ESF 4 – Firefighting
- ESF 5 – Emergency Management
- ESF 6 – Mass Care
- ESF 7 – Resource Support
- ESF 8 – Health and Medical Services
- ESF 9 – Urban Search and Rescue
- ESF 10 – Hazardous Materials
- ESF 11 – Food
- ESF 12 – Energy
- ESF 13 – Public Safety and Security
- ESF 14 – Long-Term Community Recovery
- ESF 15 – External Affairs



4 Phases of Emergency Management





Preparedness

“The only thing more difficult than writing emergency plans is trying to explain why you didn’t.”

Peter LaPorte



Planning & Preparation

- MN Emergency Operations Plan
- Metro Evacuation Plan
- Emergency Planning & Response Committee
- NIMS Certification
- Training – HSEM, FEMA, TSI, NTI
- Regional Transit Security Workgroup
- Fire Life Safety Committee – LRT
- Integrated Corridor Management
- ITS Regional Integration
- Standard Operating Procedures
- Emergency Operation plans

Bus Operations Emergency Management Plan



Final, Rev. 1

April 2011



Preparedness

Training, Drills and Exercises

- Federal Railroad Administration (CFR 49 Part 239)
 - Requires one Full Scale Exercise every two calendar years
- LRT System Safety Plan
 - Requires one exercise every calendar year



Drills and Exercises

- LRT—Bloomington (July 30, 2011)
- NorthStar—Anoka (June 23, 2012)



Scope

2011--LRT

- This exercise will focus on the roles of Metro Transit; St. Paul and Bloomington Fire Departments; Bloomington and Metro Transit Police Departments; and other subsequently involved supporting agencies responding to the potential consequences of a hybrid bus / LRV collision with OCS damage.
- Processes and decision-making are more important than minute details.
- The emphasis is on coordination and integration of capabilities, hazard identification and mitigation, and restoration of service.



Point of Impact





Cat Pole struck by train/bus. Weight stack is compromised and OCS is down





Lessons Learned

2011--LRT

- Transit Hazard Familiarization for First Responders
- Need of additional ICS Training
- Need to include more regional partners within current and future service area



Scope

2012 NS—Exercise

A passenger train east bound for a Twins game and freight train going west bound pass each other going opposite directions.

A large metal object hanging from the side of the freight train hits the passenger train

This causes both trains to rock violently, eventually derailling the passenger train.

The passenger train lands on it's side in an accordion fashion.

The freight train maintains its position on the track and stops. It is obviously leaking something from several tankers attached to the train.



Federal Cartridge Company

900 Ehlen Drive, Anoka MN

 Main Entry Gates 

 Alternate Entry Gates



Zone 4 Satellite Map



Master
Chemical List

Master
Building List



Passenger
Train Cars

32
31
33

139

78

79

171

175

174

173

180

179

178

177

199

133

106

80

131

143

141

198

197

132

119

111

103

102

185

186

196

160

110

250

281

190

183

184

195

181

182

194

192

193



- Explosive Materials
- Chemical Storage Area
- Chemical Storage Tank (>250 Gallons)

ZONE 1	ZONE 2
ZONE 3	ZONE 4

Round Lake Blvd

Round Lake Blvd NW

Main St NW

Main St NW



2012 NS—Exercise





2012 NS—Exercise—Scene Set Up





2012 NS—Exercise—Scene Set Up





2012 NS—Exercise—Response





Lessons Learned

- Identify hot/cold zones during Hazmat event
- Incident command needs to be established quickly. For the most part this did take place at all three sectors
- Communication between first responders
- Pre-training worked...

Number of Participants

- Responders - 334
- Controllers - 12
- Evaluators - 15
- Observers - 67
- Victim Role Players – 153
- Safety Officers- 9



Response: Supporting Emergency Services

- Mass evacuations
- Move emergency resources & personnel
- Provide facilities, vehicles, fuel, equipment, and other basic supplies
- Contribute a variety of skilled labor
- Operate and share a well-connected communication system
- Manage transportation needs to help control traffic flow and congestion





Metro Transit

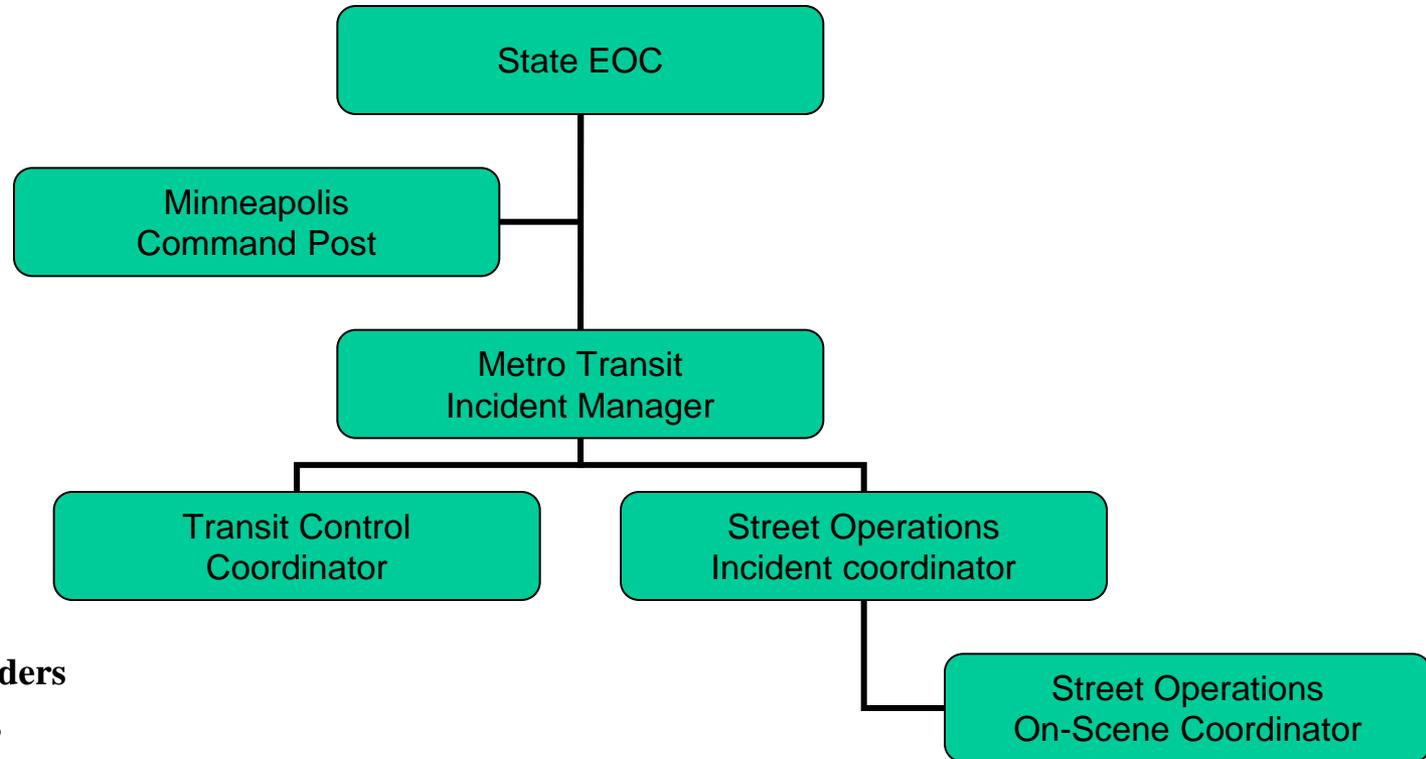




Emergency Operations Center

- An Emergency Operations Center (EOC) is a facility designated to support management of a local or regional incident





Response

• Transit Police

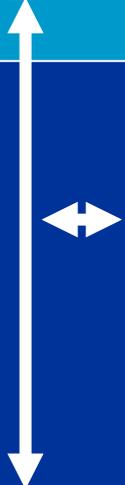
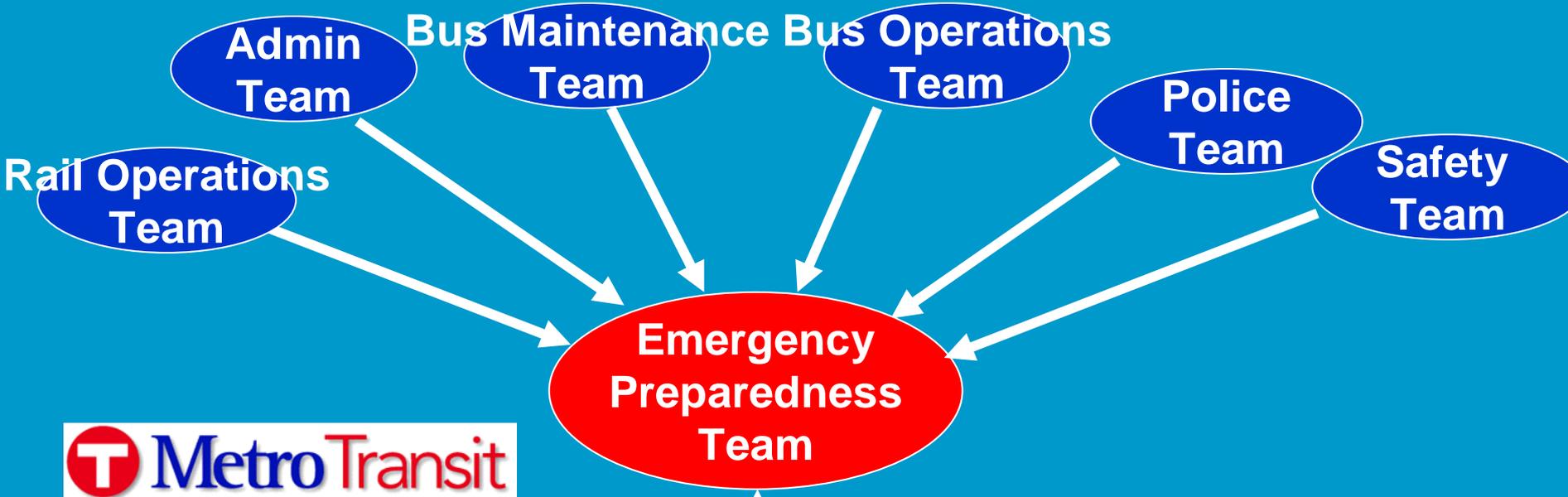
- First Responders

• Street Supervisors

- Incident coordination
- Shut down I35W
- Traffic control/ Security perimeter
- Crowd control/ close bus stops and shelters
- Detours

• Transit Control Center

- Incident Management
- EOC contact point – Minneapolis/ State
- Incident coordination – Bus movements/ personnel





Minneapolis North side Tornado



A tornado struck North Minneapolis at 2:14 pm on Sunday, May 22, 2011, causing severe damage to homes, businesses, infrastructure, and the urban forest.

- 22,000 residents w/o power
- 30 injured, 1 Dead
- 6 public schools in the damaged area





Minneapolis Tornado





Mpls Tornado

Transit Provided:

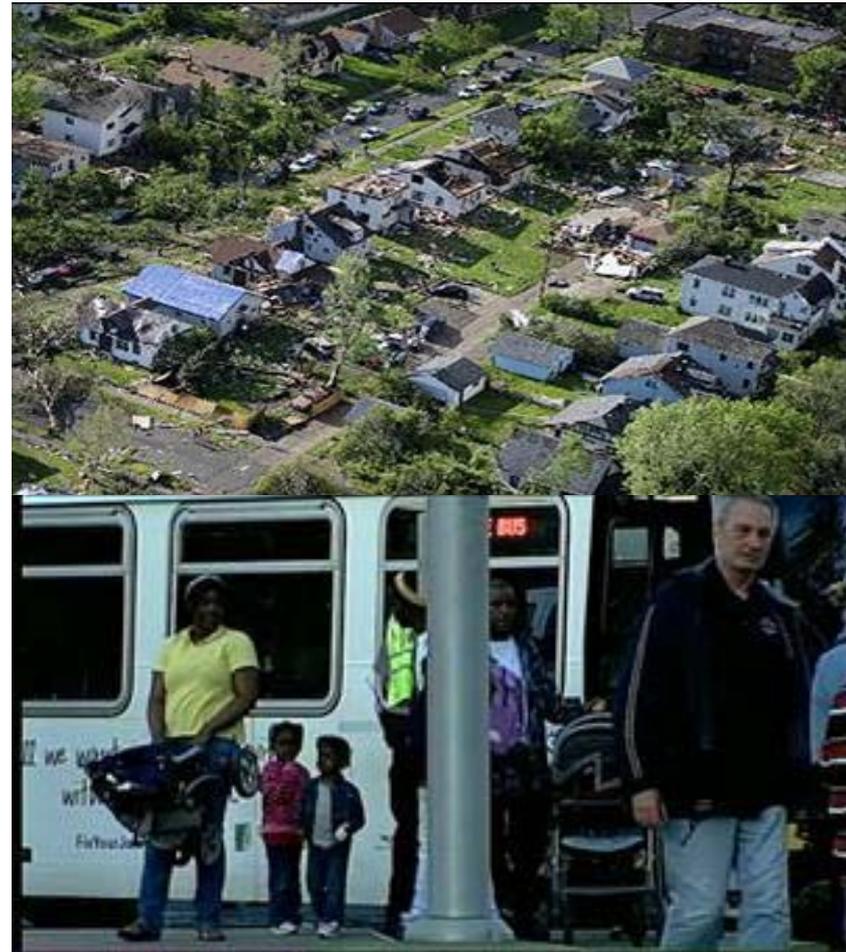
- Shuttle service from damaged areas to Red Cross shelter / Family Assistance Center
- Mayor initiated curfew
 - Transit police assisted with area security



Family Assistance Center (FAC)

- Created the emergency shelter for dislocated residents at the North East Armory.
- The FAC served over 600 residents, providing food and shelter over a one week period
- Shelter responsibilities were transferred to the Red Cross at the end of the week.

<http://www.kare11.com/news/article/924086/473/Those-displaced-now-seek-shelter>





Recovery

Disaster Recovery Center (DRC)

- The DRC opened on May 25th and provided residents with a one-stop-shop for disaster assistance.
- Tuesday May 31 through June 3rd, the EOC assisted Health and Family Support Services with free Metro Transit Shuttle Bus service to 10 different disaster relief sites.





Recovery Efforts

Clean-up day

- A volunteer Day was setup by the City for Saturday, June 4.
- Metro Transit transported over 2000 volunteers from the BC Mall to the damaged area.
 - MT coordinated the deployment routes and pick-up locations.





Questions

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