

# Texas Health Resources

*Presbyterian, Harris Methodist, & Arlington Memorial*

## Field Surge Program

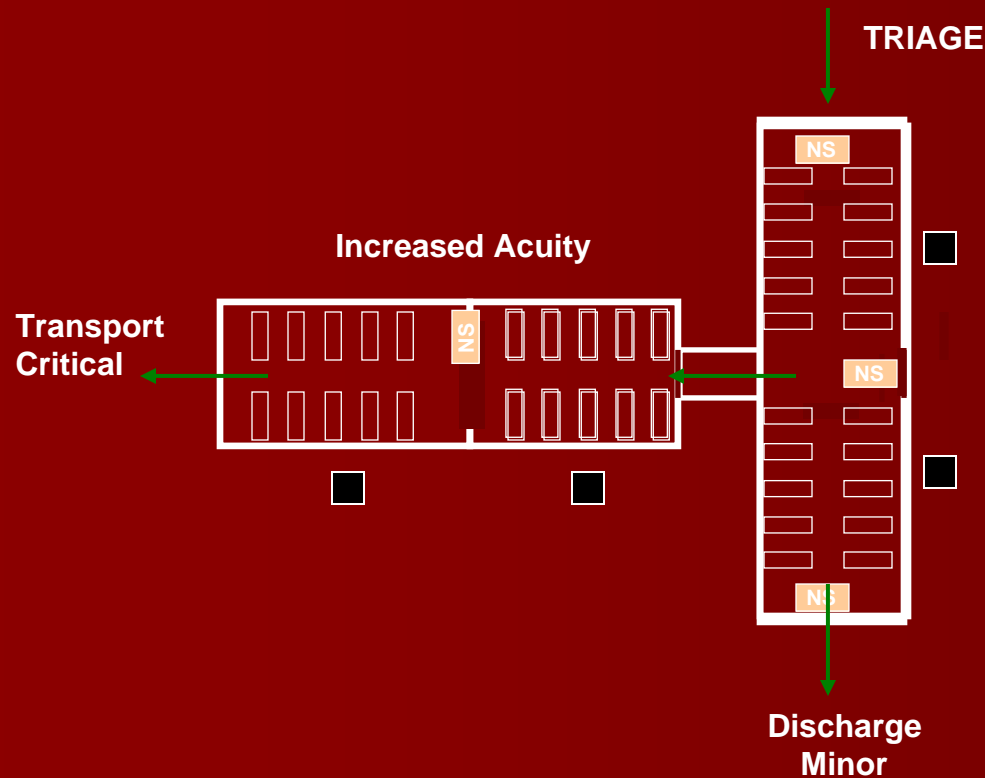
*Dinah Cannefax, Director  
Office of Emergency Management  
Texas Health Resources  
[dinahcannefax@texashealth.org](mailto:dinahcannefax@texashealth.org)*

# THR Inventory

- Two unique 40-bed units
  - One unit wholly owned with private transport assets
    - Funded partially by appropriations dollars
    - \$235K in medical equipment
    - \$552K in inflatable, trailers, trucks, supporting logistic equip
  - One unit co-owned by THR and City of Arlington
    - Funded with HRSA and MMRS grant funds
    - MOU for transport and storage
    - \$70K in medical and non-medical equipment
    - \$403 in inflatable, trailers and supporting logistic equip



# 40 Bed Isolation Surge Unit with ICU



 - Nursing Station

 - HVAC

 - Beds

## Capabilities

2700 sq.ft. of floor space

Full Electrical System

- Generator
- HVAC
- Germicidal air filter
- Negative pressure
- Electrical distribution
- Fluorescent lights

10 Triage Litters

18 Minor to Med/Surge Beds

12 ICU Beds

Containerized for storage/mobility

2 - 32 foot climate controlled trailers

# Mission Capabilities

- Hospital triage
- On-scene triage and minor treatment
- Isolation Capacity

*20 Bed Unit with support equipment  
in each of the (2) 32 foot trailers*



*Several options for flooring*









*4-6 people  
optimal for  
lifting/moving  
sections*

*2 end sections  
1 center section  
Per unit*





FIELD UNIT  
LOGISTICS

HARRIS METHODIST  
HOSPITALS  
TRUSTEES: HARRIS • FLORES • LEDES





*Velcro  
inner liners*

*Internal and  
external  
cables*



*Individual  
columns inflated  
in 25 minutes  
....yes, with 2  
leaf blowers!*



*Once inflated,  
pressure  
maintained by  
valve system*



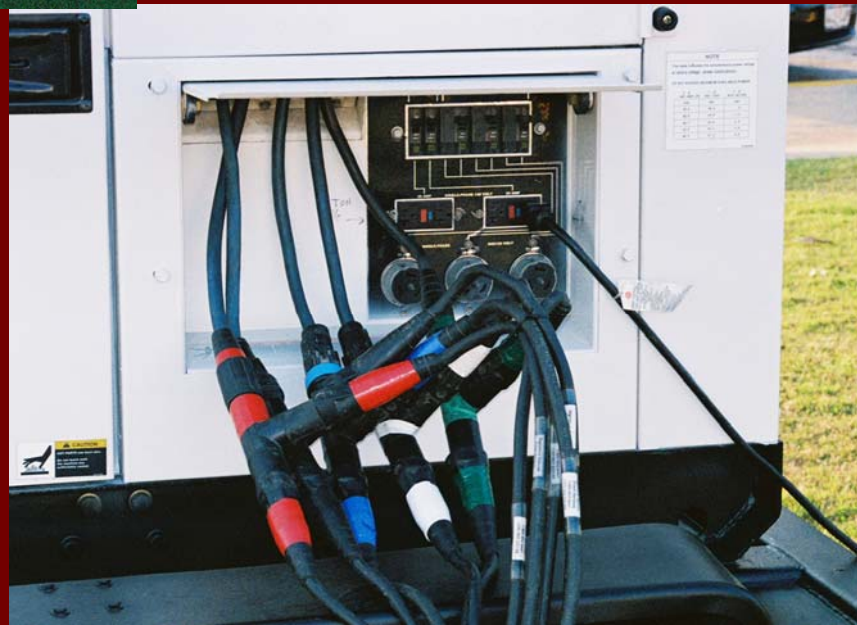
*Each column  
has dedicated  
relief valve*



*37.5 kW*

*Trailer mounted  
generators with*

*53g fuel cell*





HARRIS METHODIST  
HOSPITALS  
Texas Health Resources





*Can tether from column and/or from stake from base*





*Hardened  
doors zip in  
place*

*Currently  
designing  
bump-thru  
doors*

# *1500 CFM HEPA Filtration System*

*12 air exchanges per hour for up to 7500 sq feet*





*Insulated ducts to 5 ton HVAC unit with heat*



*Interior liner velcros  
to floor and columns*

*Required if negative  
pressure needed*





*1 DinaMap  
per 10 beds*





*Mobile Propaq,  
vents and suction  
for each ICU bed*



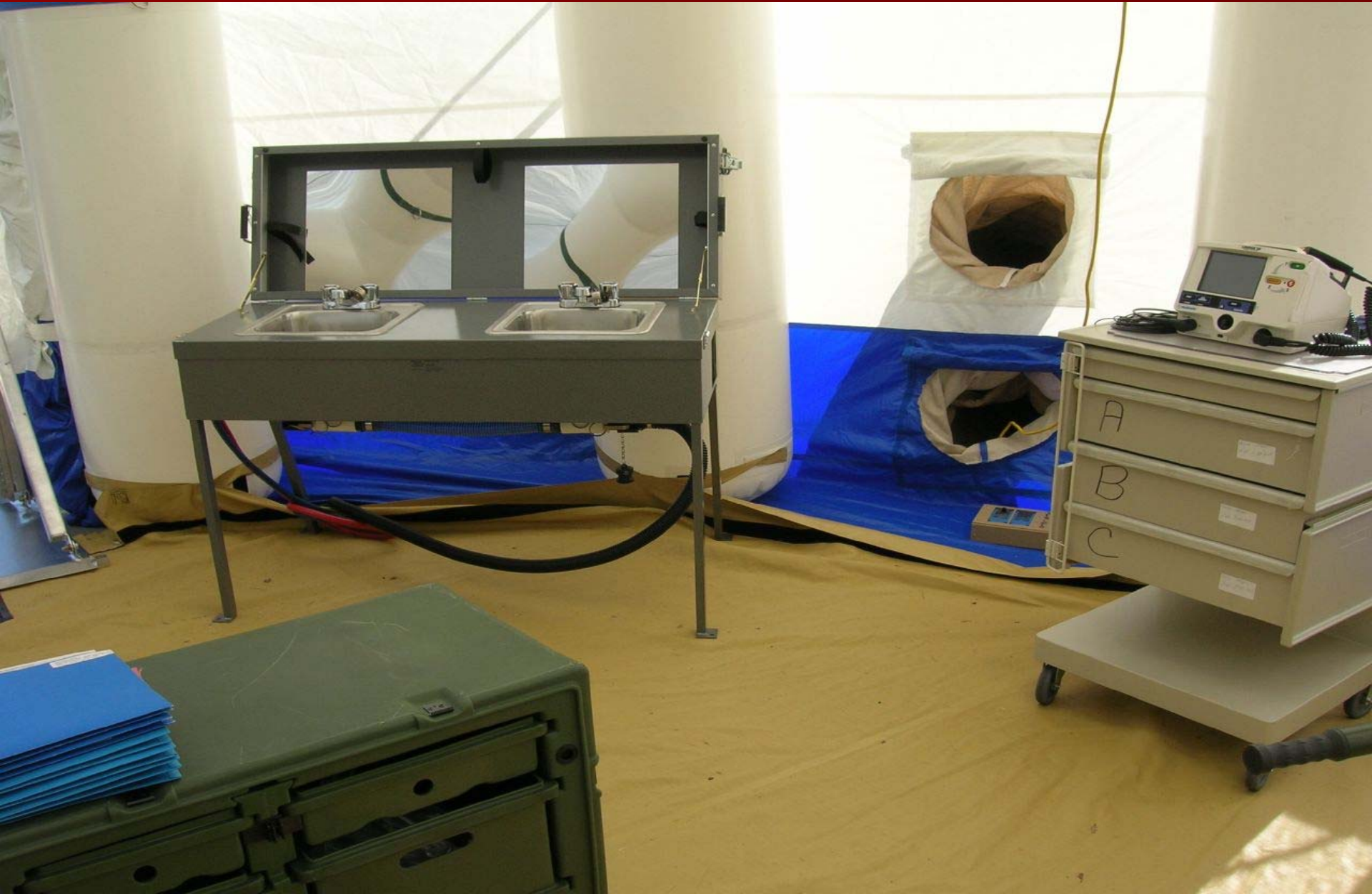




*Portable ICU Bed*



# *Portable sinks, field desks and crash carts*



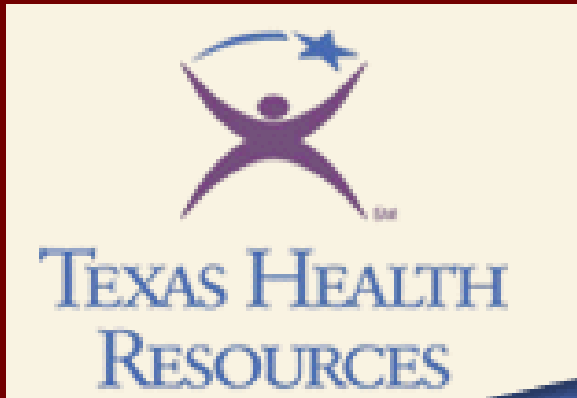
# *Interior liner with plenum*



*Disposable sheet, blanket and pillow set*



# Public – Private Partnership Increases Local Surge Capacity

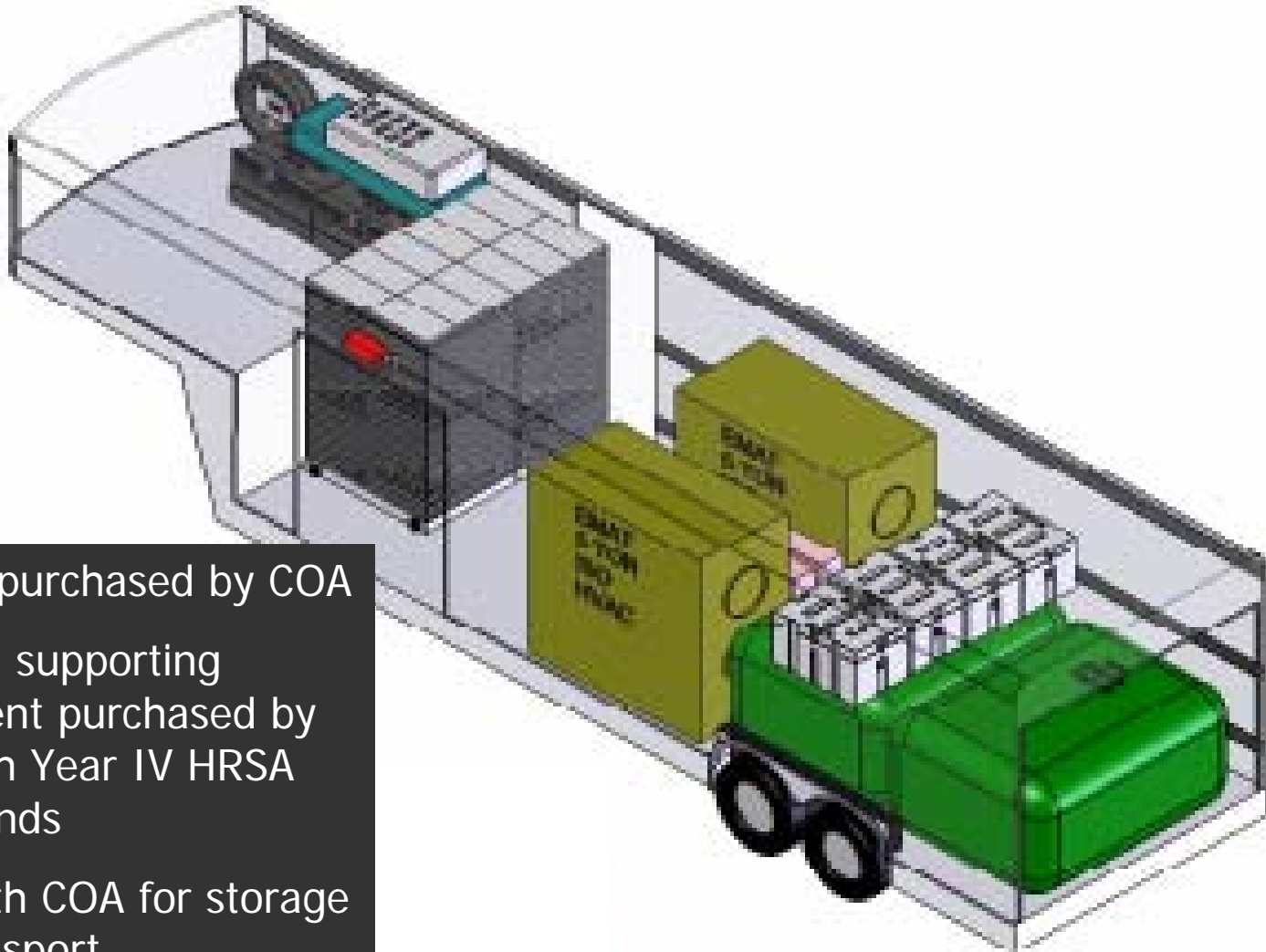


# *Surge Capacity NOW Available in Arlington*



Base X Inflatable Unit – 2600 sq ft

# THR Partnership with City of Arlington MMRS Program



- Trailers purchased by COA
- Unit and supporting equipment purchased by THR with Year IV HRSA grant funds
- MOU with COA for storage and transport
- Shared training schedule





Two inflatable  
sections with  
support equipment  
per trailer

20-Beds per trailer





Two generator trailers, each supporting HVAC, lights, inflation and medical equipment.

Isolation unit built-in to HVAC.

# Staffing Plan

- Currently have 3 Deployment Teams that include Clinical Operations and Logistics
- Goal to have 6 teams within THR
- Trained with TX-4 DMAT, other hospital medical strike teams, local fire, school nurses, and parish nurses



# Supplies

- Currently working to develop caches of supplies to store at each hospital
- THR is present in 9 counties and 12 different city jurisdictions



# Yet to Accomplish

- Improve mobilization of medical equipment
- Automate patient tracking
- Field communications to support patient documentation

# Training and Exercise Plan

- Budget to train quarterly
- Work with jurisdictions to deploy for public events
- Working with region and local jurisdictions to work units into plans and exercise scenarios

*It is the mission of our organization to improve the health of the communities we serve.*

*We acknowledge the importance of working collaboratively with local responders and healthcare providers to fulfill this mission during a community crisis.*