

Resource Management



Resource Management Plan

- Type of event determines how resources are obtained-
 - Federally declared events allow local purchase and reimbursement
 - Non federally declared events do not offer reimbursement option

Identify Requirements

- USACE Pre-event commodities model is good tool to use to identify requirements for ice, water, meals and tarps
- Critical facility emergency power
- Miscellaneous support requirements (i.e. furring strips for tarp installation, etc.)
- Support material handling equipment and personnel for staging areas and distribution points

Identify Local Sources to Meet Requirements

- Supports the local economy
- Provides faster response time

Identify Requirements That Cannot Be Met Locally

- Forward these requirements to State EOC for situational awareness

Staging Areas and Points of Distribution (PODs)

- Have a staging and distribution plan
 - Establish a definite staging area location, assign a manager for the site and train them on site operations
 - Establish plan for distribution from staging area to PODs
 - Means of transportation
 - Personnel to load, unload and transport resources
 - Plan for 24 hour receiving operations

Points of Distribution (PODs)

- Designate POD manager and train them on POD operations
- Ensure that site selected will support the type of POD to be established
- Establish a plan for POD operations
 - Material handling equipment
 - Distribution personnel required for operations
- Plan for 24 hour receiving operations

Key Lessons Learned

- **Commodities will be pushed forward before logistical structures are in place.**
- **The critical planning factor for ordering commodities is “distribution” capability, not people without power.**
- **Distribution planning must be a priority with local governments for the commodities mission to be successful.**
- **All levels of government must understand the distribution point concept.**

Key Planning Factors

- Ice – 1 truck load (40,000 lbs, 8 lbs/per) serves 5000 people
- Water – 1 truck load (18,000 liters, 3+liters/per) serves 5000 people
- MREs – 1 truck load (21,744 ea., 2 ea/per) serves 10,000 people
- Tarps – 1 truck load (4,400 ea.) serves 4000 families with roof damage
- 1 car represents 1 family or 3 people
- Each car is provided the following:
 - **2 or 3 bags if ice**
 - **1 case of water (9-12 liters)**
 - **6 MREs**
 - **1 tarp, if they state they have roof damage**

Key Planning Factors, Cont'd

- A distribution point (DP) with one supply lane can serve 1,660 cars or 5000 people in one day, (Type III Distribution Point).
- A Type II DP has two lanes
- A Type I DP has four lanes

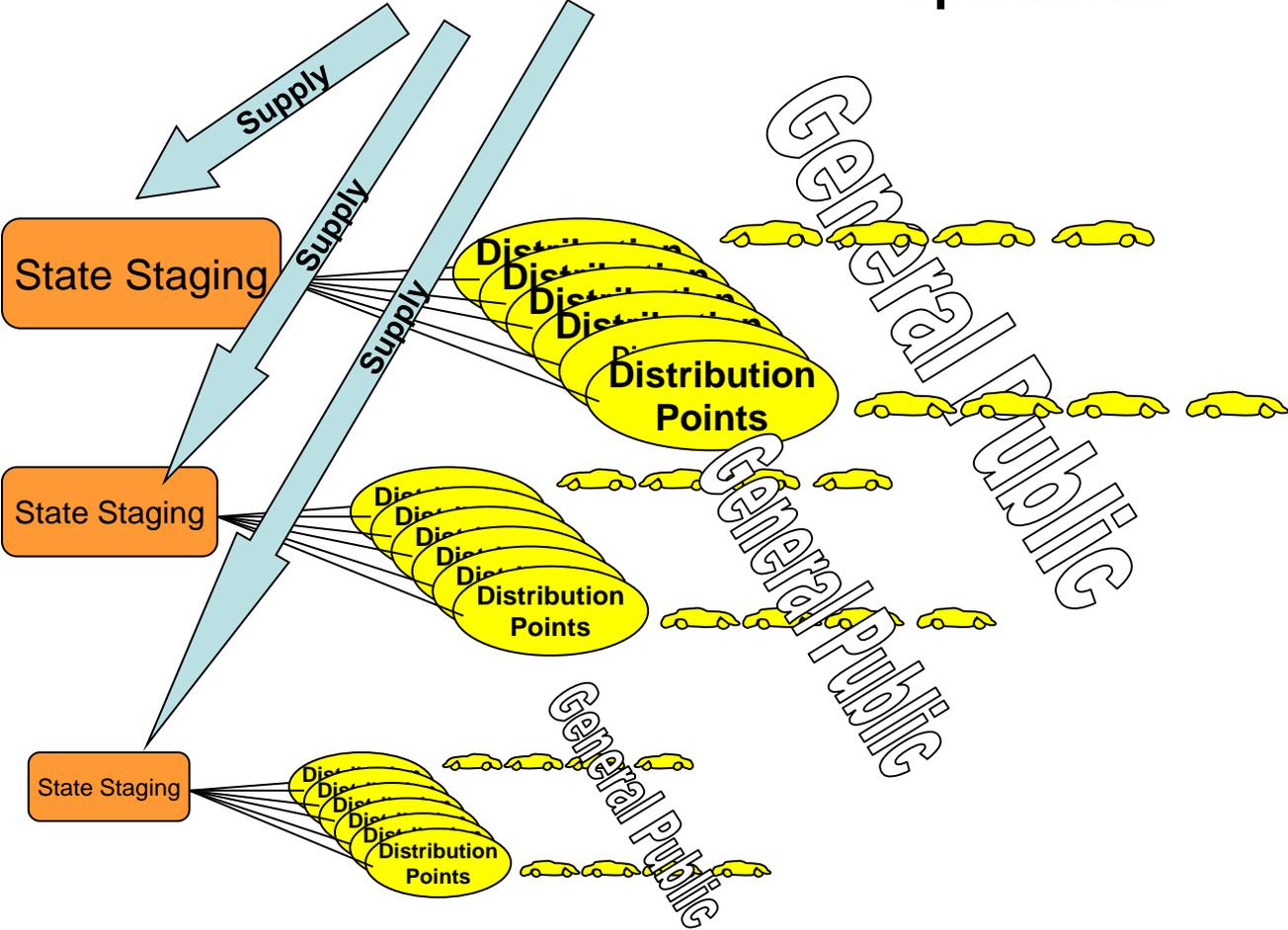
1 Truck Load Ice
1 Truck Load Water
½ Truck Load of MREs
1 Truck Load of Tarps

} Serves 5000 People = One Type III DP

IF 50 TRUCK LOADS OF ICE AND WATER ARE ORDERED PER DAY
HOW MANY TYPE III DP'S ARE NEEDED?

Federal Staging

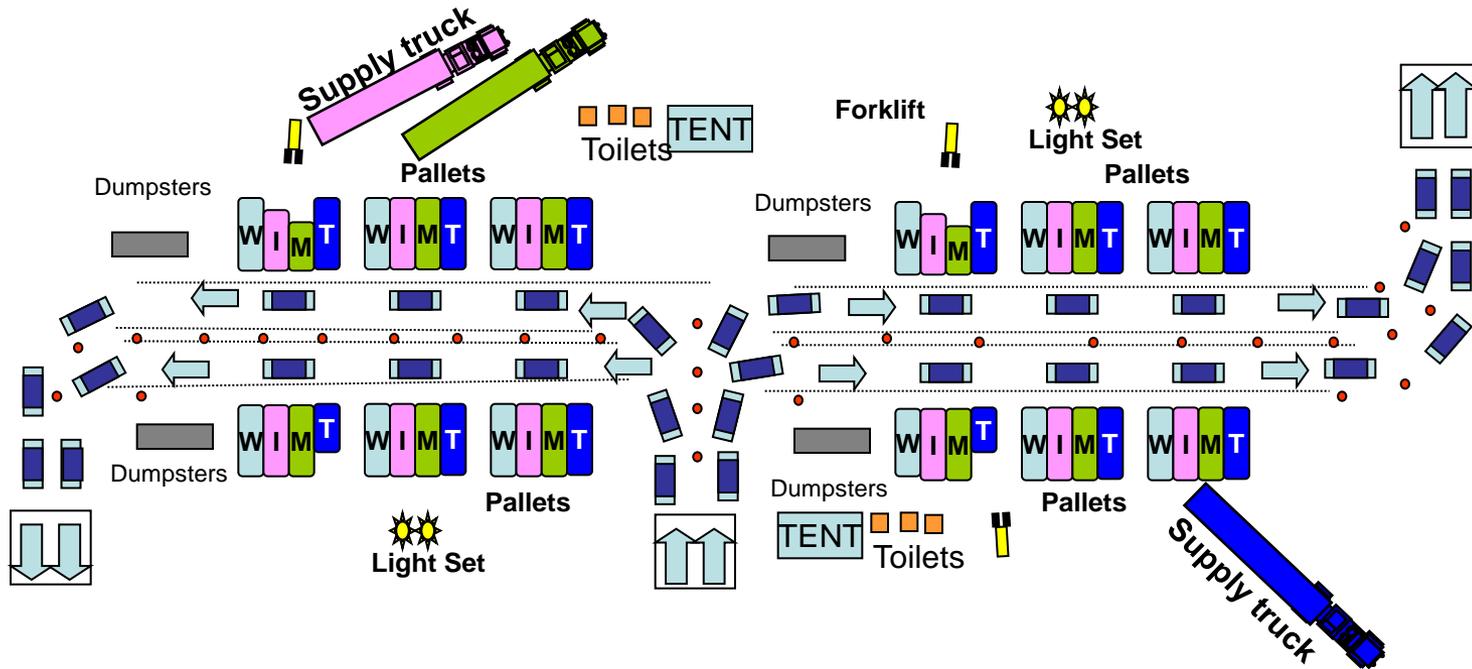
Concept of Operations



TYPE I - DISTRIBUTION POINT

Serves 20,000 persons per day

12 Loading Points - 560 vehicles per hour



Note: Individual vehicles drive through and Ice & water is loaded into their trunks. Recommend One case water, 2 or 3 bags of ice per vehicle and 6 MRE's.

Supply trucks for Ice, Water, MRE's and Tarps are to be off-loaded promptly and returned for re-supply.

Maximum Loads per Day – Type I

Water	4
Ice	4
MRE	2
Tarp	2

Figure 3

Type I Distribution Point Resources Required

Type I Distribution Point						
Manpower			Equipment			
Type		Day	Night	Type	Number	
Local Responsibility	Manager		1	0	Forklifts	3
	Team Leader		2	1	Pallet Jacks	3
	Forklift Operator		2	3	Power Light Sets	2
	Labor		57	4	Toilets	6
	Loading Point	36			Tents	2
	Back-up Loading PT	18			Dumpsters	4
	Pallet Jacks Labor	3			Traffic Cones	30
	Totals		70	9	Two-way radios	4
Others	Law Enforcement		4	1		
	Community Rel.		4	0		
Grand Total		78	10			



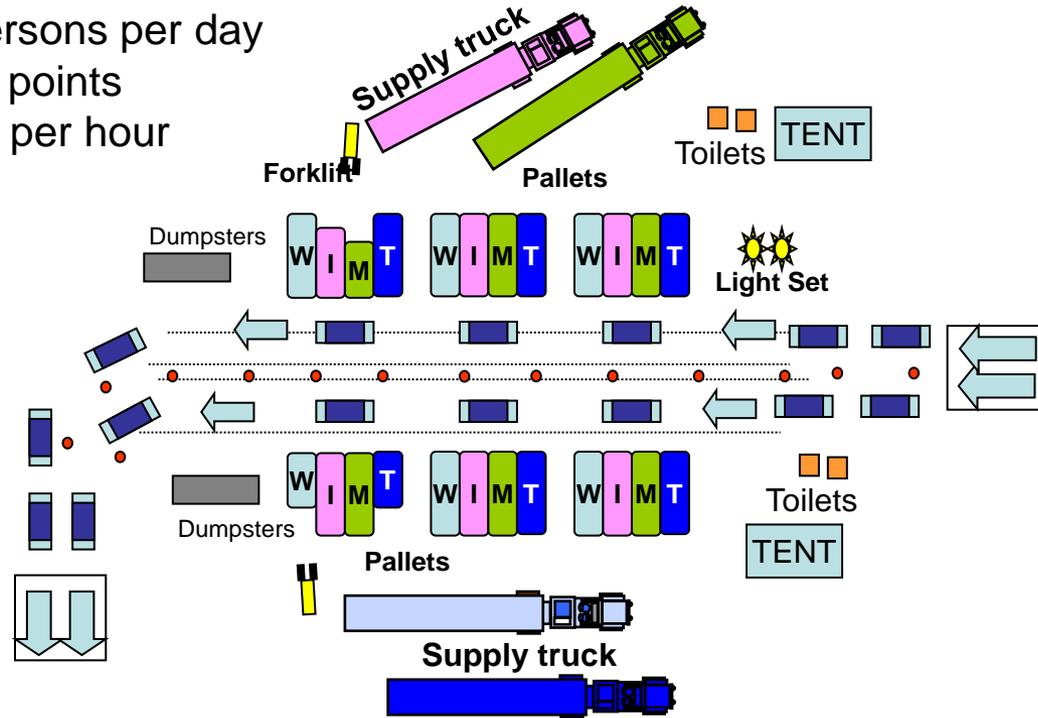
Figure 4

TYPE II - DISTRIBUTION POINT

Serves 10,000 persons per day

6 Loading points

280 vehicles per hour



Note: Individual vehicles drive through and Ice & water is loaded into their trunks. Recommend One case water, 2 or 3 bags of ice per vehicle and 6 MRE's

Supply trucks for Ice, Water, MRE's and Tarps are to be off-loaded promptly and returned for re-supply.

Maximum Loads per Day – Type II

Water 2

Ice 2

MRE 1

Tarp 1

Figure 5

Type II Distribution Point Resources Required

Type II Distribution Point						
Manpower			Equipment			
Type		Day	Night	Type	Number	
Local Responsibility	Team Leader		1	0	Forklifts	2
	Forklift Operator		1	2	Pallet Jacks	2
	Labor		28	3	Power Light Sets	1
	Loading PT	18			Toilets	4
	Back-up Loading PT	9			Tents	2
	Pallet Jacks Labor	1			Dumpsters	2
	Totals		30	5	Traffic Cones	15
Others	Law Enforcement		2	1	Two-way radios	0
	Community Rel.		2	0		
Grand Total		34	6			



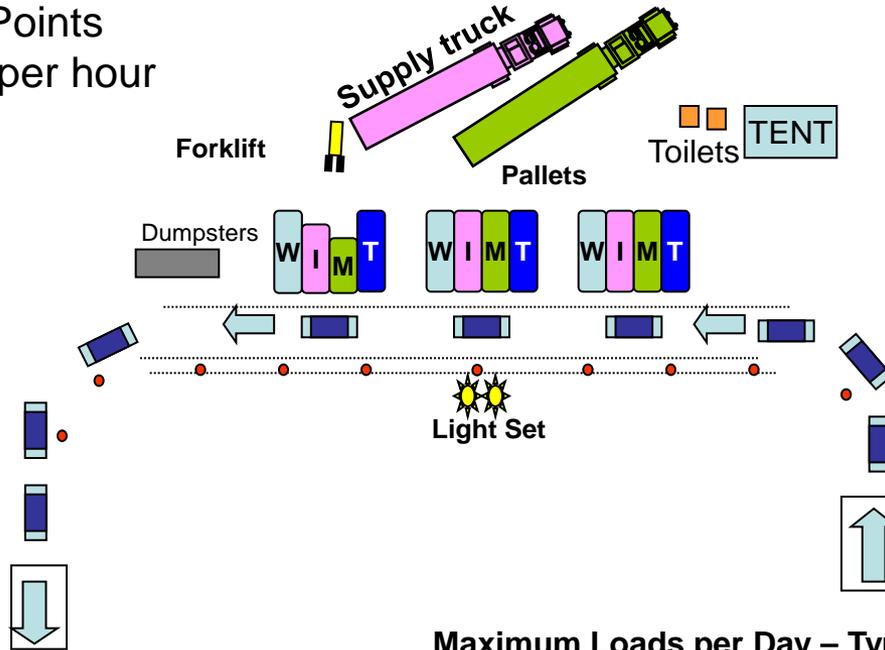
Figure 6

TYPE III - DISTRIBUTION POINT

Serves 5,000 persons per day

3 loading Points

140 vehicles per hour



Note: Individual vehicles drive through and Ice & water is loaded into their trunks. Recommend One case water, 2 or 3 bags of ice per vehicle and 6 MRE's

Supply trucks for Ice, Water, MRE's and Tarps are to be off-loaded promptly and returned for re-supply.

Maximum Loads per Day – Type III

Water	1
Ice	1
MRE	1/2
Tarp	1/2

Figure 7

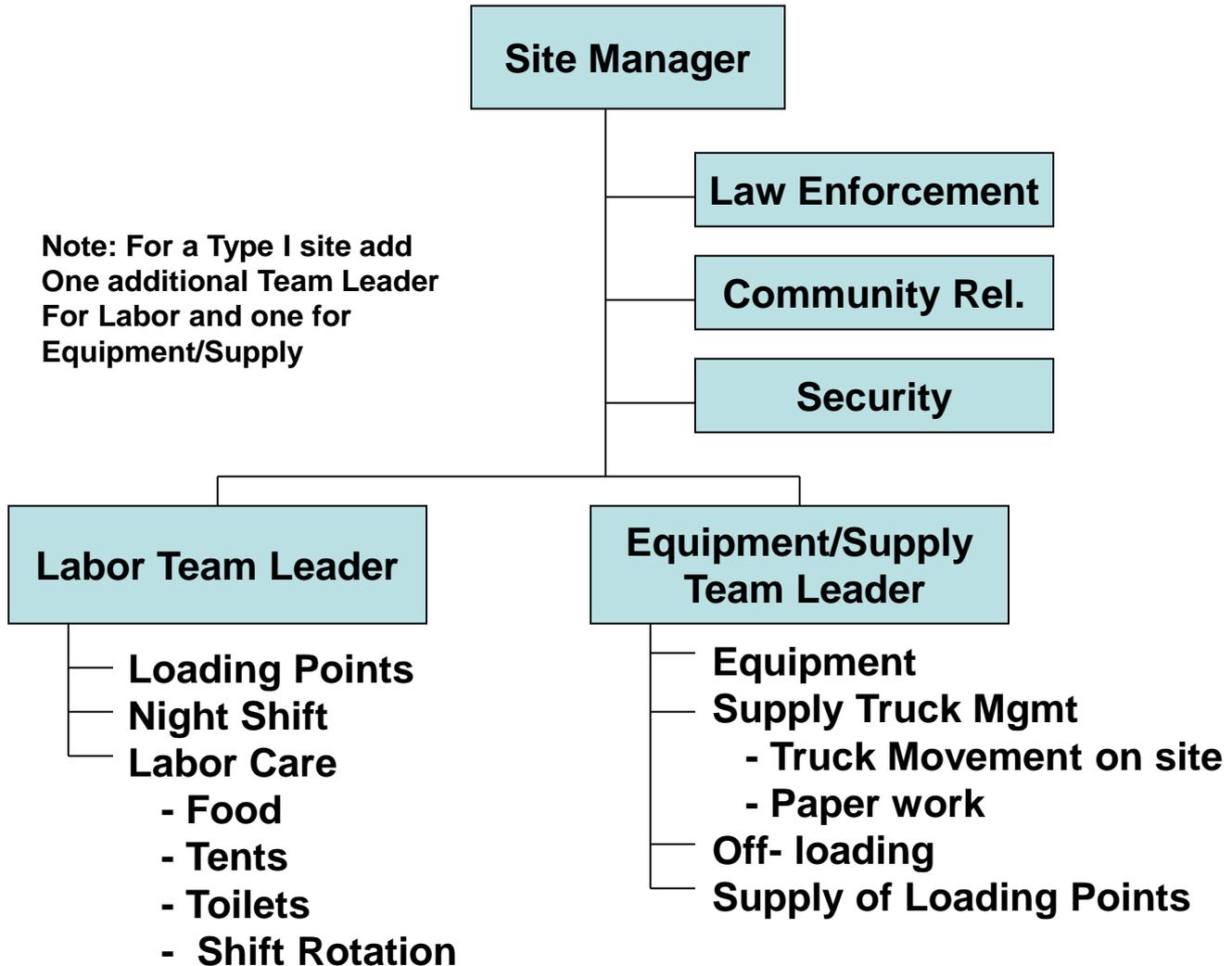
Type III Distribution Point Resources Required

Type III Distribution Point						
Manpower				Equipment		
Type		Day	Night	Type	Number	
Local Responsibility	Team Leader		1	0	Forklifts	1
	Forklift Operator		1	1	Pallet Jacks	1
	Labor		14	2	Power Light Sets	1
	Loading PT	9			Toilets	2
	Back-up Loading PT	4			Tents	1
	Pallet Jacks Labor	1			Dumpsters	1
	Totals		16	3	Traffic Cones	10
Others	Law Enforcement		2	1	Two-way radios	0
	Community Rel.		1	0		
Grand Total		19	4			



Figure 8

ORGANIZATION CHART – TYPE II AND III DISTRIBUTION POINT SITE MANAGEMENT



Emergency Power

- Identify critical facilities for emergency power
 - Complete a power survey
 - Who will install emergency power equipment?
 - Who will maintain emergency power equipment? (refueling, checking oil, etc.)
 - Enter updated information for generator requirements into EMITS locations database

Very Important Points

- Our level of support is directly proportional to your reporting of requirements. If we don't know you need something until the last minute, we cannot meet your needs immediately.
- If we know what you will need ahead of time, we can plan to furnish the support quicker. You are the only one that knows your requirements. Please share this information with us so we can support you better and more efficiently.

QUESTIONS?

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