



Urban Standardized Symbology for Incident Management

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Communicating with Maps

Standardized Symbology in the Fire Service

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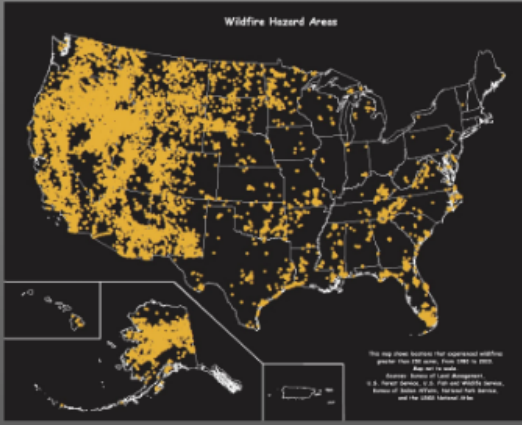


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ICS History



Need for NIMS



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Need for NIMS



- September 11, 2001 Terrorist Attacks
- February 28, 2003 Homeland Security Presidential Directive 5 (HSPD-5) signed by President Bush

Need for NIMS



What is Needed

Symbol Category	Definition	Physical Examples	Symbol Shape	Symbol Examples
Command Feature	Common command features	Command Post, Base Camp, Staging Area	Circle	
Units	A unit within an organization that accomplishes a task or where a group of responders are attached	Engine, Ladder, Battalion, Police Officer, SWAT Team, Command Unit, Rehab Unit	Oval	
Task Groups	A group of units or unit combined to assign a specific task at an incident	Groups, Sectors, Sections, Divisions, Areas, Individuals persons with specific tasks (PIO, Observer, etc.)	Rectangle	
Exposures or Sides				"A" "B" "C" "D"

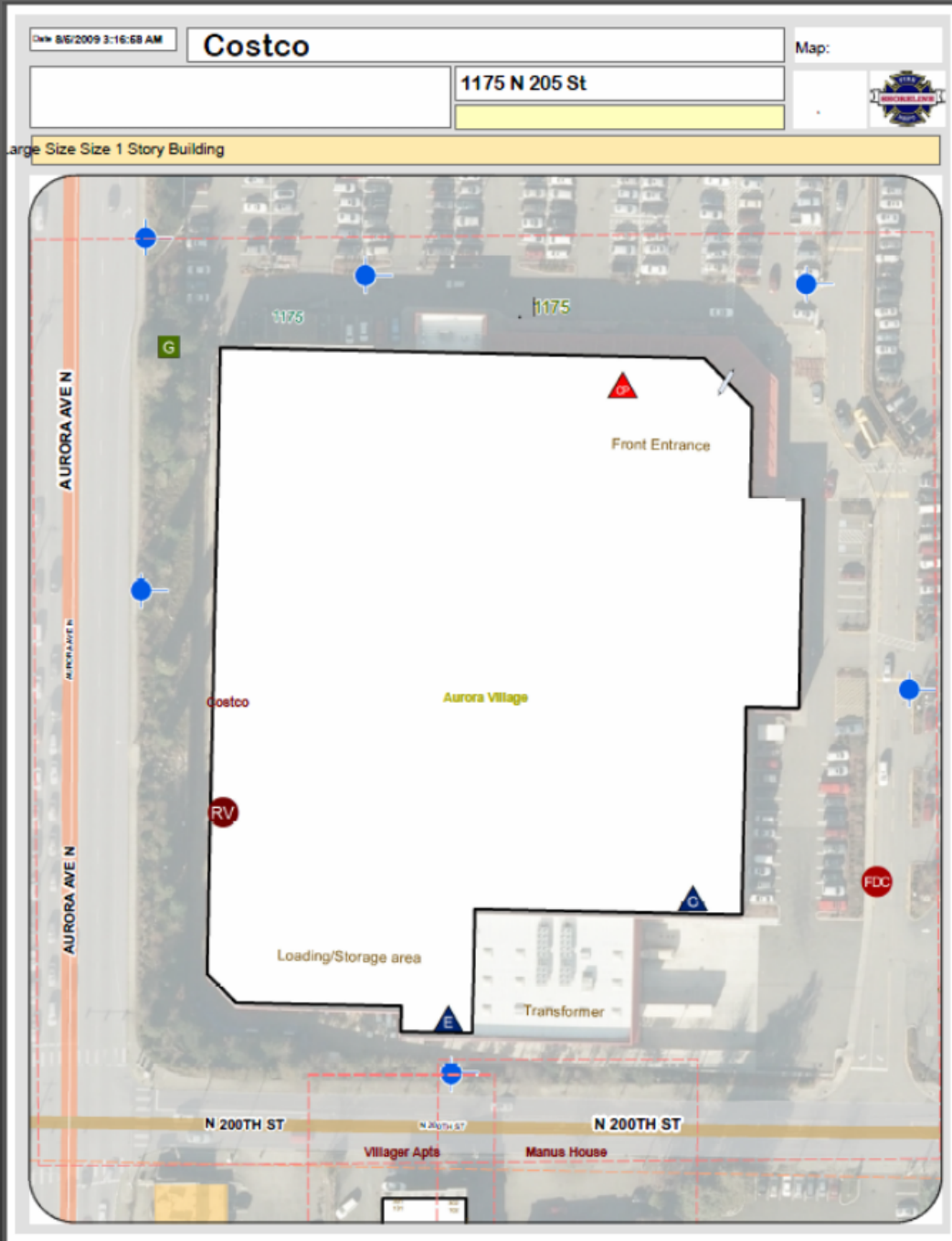


Access Point	Access point and ways to access a building or incident area and features related to	Knob Box, Elevator, Access Point	
Assessment Features	Alarms and other	Burglar Alarm, Fire alarm control	
Utility Shutoffs	Location of where you shut off utilities		
Detection/Extinguishing Equipment	Detectors and building extinguishment systems	Smoke, Duct, Pull Station	
Ventilation	Place to manage the exhaust of gases	Skylight, Smoke Control	
Water Flow Control Valves and Water Sources	Water flow devices	Fire department connections, PV	
Equipment Rooms	Location of features		

Interagency Wildland Fire GIS Standard Operating Procedures—Point Symbols

	Aerial Hazard (purple)		IR Downlink * (blue)
	Aerial Ignition (red)		Lookout (blue)
	Branch Break * <small>(diamond direction from origin)</small>		Med/Vac Site (red cross, blue outer circle)
	Camp (Name) * (blue)		Mobile Weather Unit * (blue)
	Division Break * <small>(diamond direction from origin)</small>		Repeater, Mobile Relay * (blue)
	Drop Point (Name, e.g. DP-1)		Safety Zone (orange fill)
	Fire Origin (Date Time) * (red)		Segment Break *
	Fire Station * (blue)		Spot Fire (Date Time) * (red) <small>(arrow to be rotated in direction of spot fire movement)</small>
	First Aid Station * (blue)		Staging Area (Name) * (blue)
	Helibase * (blue)		Telephone * (blue)
	Helispot (Name, e.g. H-1) * (blue)		Water Source (Identify Type) * (blue)
	Hot Spot (Date Time) * (red)		Wind Speed Direction (Dir/Speed Time Date) *
	Incident Base * (blue)		Zone Break
	Incident Command Post * (blue)		

The Goal

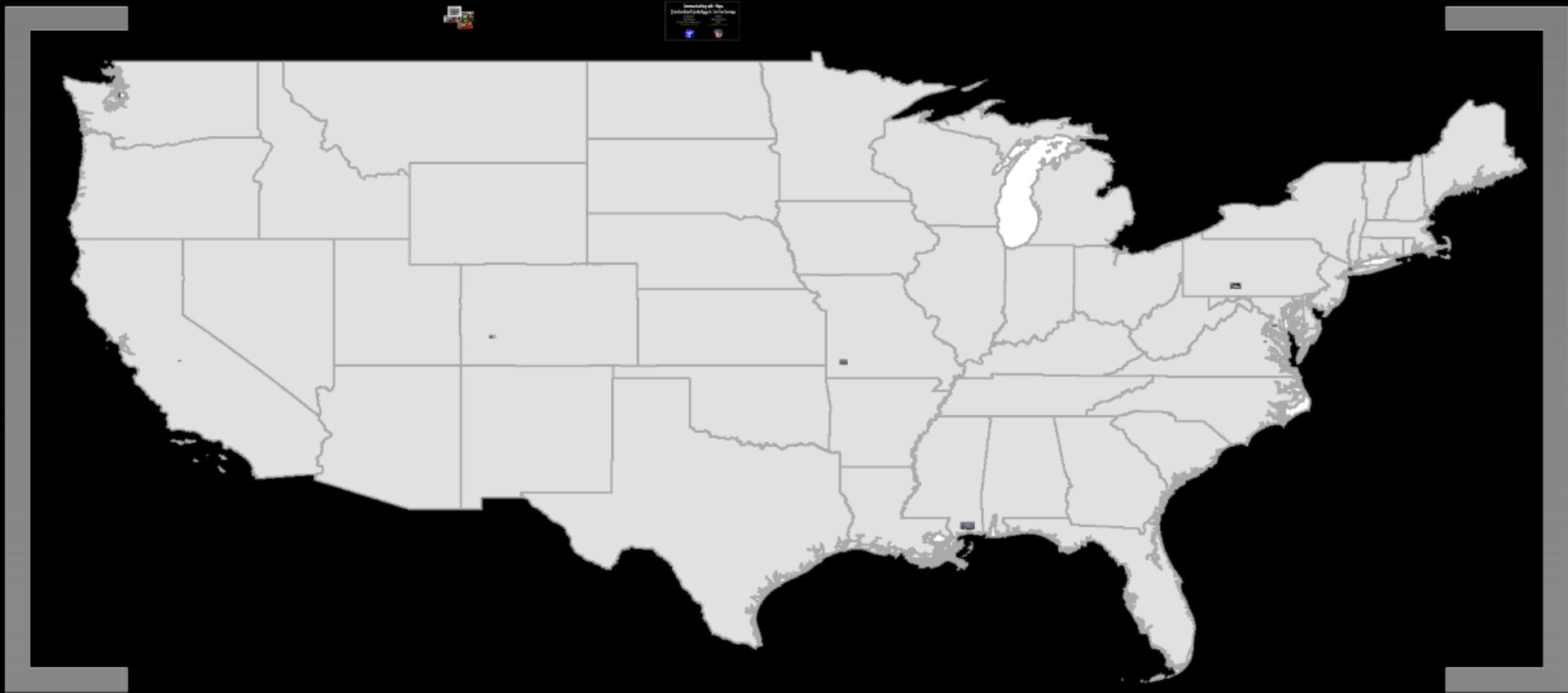


NIMS is about standards. GIS Symbology needs standards.





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