

2021 Event Symbolology

Accountable Property

- Other Property
- Pump
- Water Tank

Event Point

- Aerial Hazard
- Airstrip or Airport
- Check Point
- Dip Site
- Mobile Retardant Base
- Helispot
- Helibase
- Sling Site
- Unproved Landing Area
- Division Break
- Branch Break
- Zone Break
- Medical
- Incident Command Post
- Drop Point
- Closure
- Camp
- Staging Area
- Lookout
- Hot Spot - Spot Fire
- Fire Origin
- Value at Risk
- Other
- Landmark
- Gate
- Fire Station

- Bridge
- Water Development or Draft Site
- Structure Wrap
- Stream Crossing
- Road Repair
- Retardant in Avoidance Area
- Resource Location
- Repair Point
- Landing or Log Deck
- Hazard Tree
- Fence - Cut/Damaged
- Dozer Push
- Culvert
- Clean Up Area
- Mobile Weather Unit
- Internet Access
- Repeater
- Safety Zone
- Hazard
- Water Source
- Restricted Water Source

IR Point

- IR Isolated Heat Source
- Possible IR Heat Source

Event Line

- Completed Burnout
- Completed Dozer Line
- Completed Fuel Break
- Completed Hand Line
- Completed Mixed Construction Line
- Completed Plow Line
- Completed Road as Line

- Planned Burnout
- Planned Dozer Line
- Planned Fuel Break
- Planned Hand Line
- Planned Mixed Construction Line
- Planned Plow Line
- Planned Road as Line
- Planned Secondary Line

- Access or Improved Road
- Fence
- Highlighted Feature
- Management Action Point
- Other

- Repair Line
- Road Repair
- Escape Route
- Aerial Hazard
- Water Drop
- Foam Drop
- Retardant Drop
- Route
- UAS Launch and Recovery Zone
- Temporary Flight Restriction

- Fire Edge
- Contained Line

IR Line

- Edge of Imagery

Event Polygon

- Other
- Prescribed Fire
- Wildfire Daily Fire Perimeter

Appendix A: Feature Category Domain Change Details

Added	Event Line	Event Polygon
Dropped	Route	Unburned Island
Modified	Completed Mixed Construction Line	Active Burnout
	Planned Hand Line	Completed Burnout
	Planned Mixed Construction Line	Proposed Burnout
	Planned Plow Line	Unknown
	Planned Road as Line	Closure Area
	Aerial Ignition	Evacuation Area
	Air Tanker Foam	Value at Risk
	Air Tanker Retardant	Retardant Avoidance Area
	Helitanker Foam	
	Helitanker Water	
	Fire Spread Prediction	IR Poly
	Active Burnout	Unburned Island
	Unknown	
	Explosive Line	
	Planned Fire Line	
	Highlighted Manmade Feature	
	Aerial Foam Drop	
	Foam Drop	
	Aerial Retardant Drop	
	Retardant Drop	
	Aerial Water Drop	
	Water Drop	
	Ridge/Geographic Feature	
	Highlighted Feature	
	Line Break Completed	
	Completed Fuel Break	
	Road as Completed Line	
	Completed Road as Line	
	Proposed Burnout	
	Planned Burnout	
	Proposed Dozer Line	
	Planned Dozer Line	
	Fire Break Planned or Incomplete	
	Planned Fuel Break	
	Uncontrolled Fire Edge	
	Fire Edge	
Label Points		
Unknown		
Event Point		
Check Point		
Aerial Ignition		
Segment Break		
Incident Base		
Unknown		
Spot Fire		
Retardant/Mud Pit		
Mobile Retardant Base		
First Aid Station		
Medical		
Hot Spot		
Hot Spot - Spot Fire		

Appendix B: Symbology Update Details

Accountable Property

Blue Outline Square

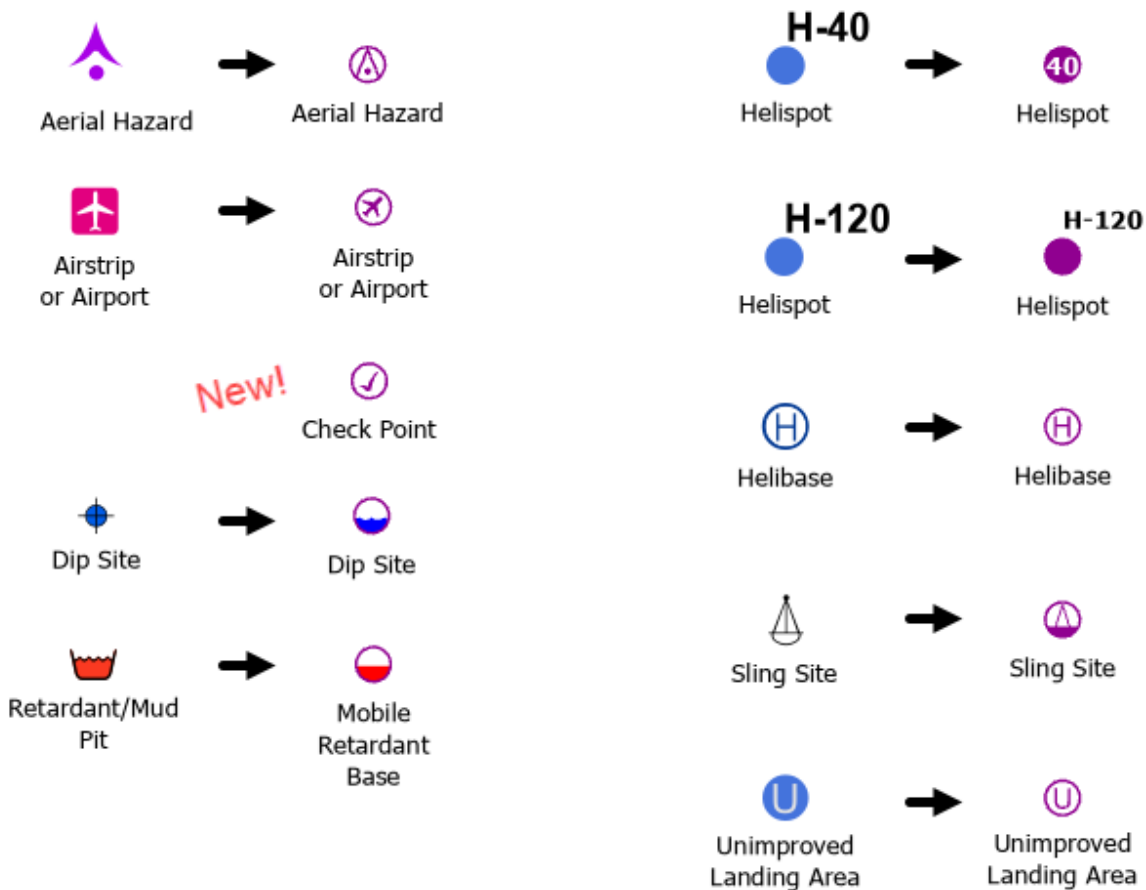


Event Point

Air Operations

Purple Circle

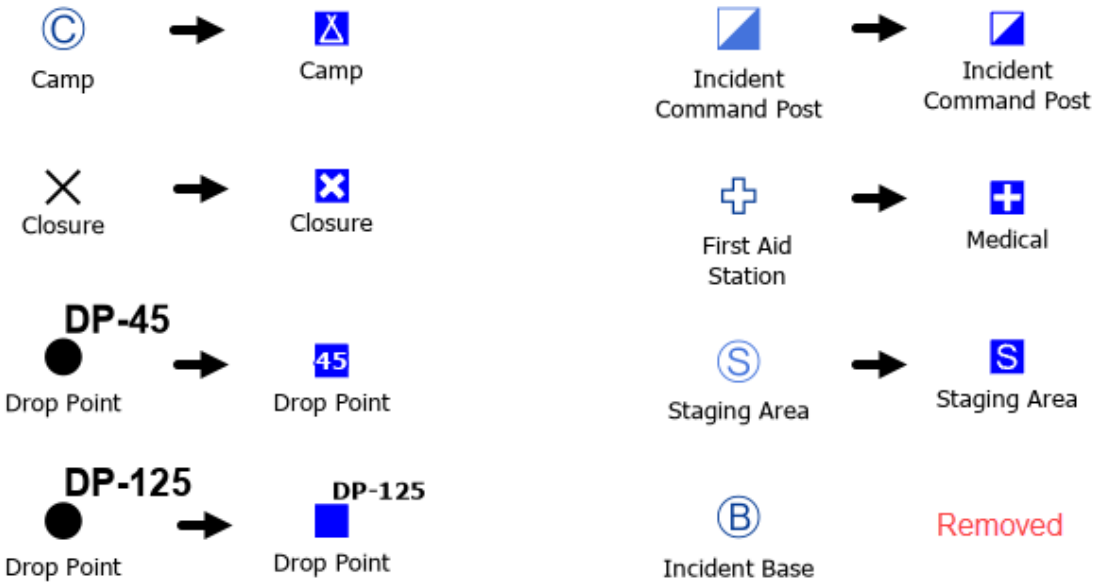
- New Check Point feature added.
- New labeling option for Helispot. Use only the number in the Label field and it will be placed inside the circle or include the "H-" and it will be placed adjacent to the feature. Be consistent with your choice.
- Retardant/Mud Pit updated to Mobile Retardant Base to conform with naming convention in [PMS 508 - NWCG Standards for Airtanker Base Operations](#).



Logistics

Blue Square

- Incident Base feature removed due to lack of use.
- New labeling option for Drop Point. Use only the number in the Label field and it will be placed inside the square or include the “DP-” and it will be placed adjacent to the feature. Be consistent with your choice.
- First Aid Station updated to Medical to improve usability.



Operations

Black Squares

Only a single feature for now, with the possibility for future expansion.



Repair

Green Pentagon



 → 
Clean Up Area → Clean Up Area

 → 
Culvert → Culvert

 → 
Dozer Push → Dozer Push



 → 
Fence - Cut/Damaged → Fence - Cut/Damaged

 → 
Hazard Tree → Hazard Tree

 → 
Landing or Log Deck → Landing or Log Deck

 → 
Repair Point → Repair Point



R → 
Resource Location → Resource Location

 → 
Retardant in Avoidance Area → Retardant in Avoidance Area

 → 
Road Repair → Road Repair

 → 
Stream Crossing → Stream Crossing

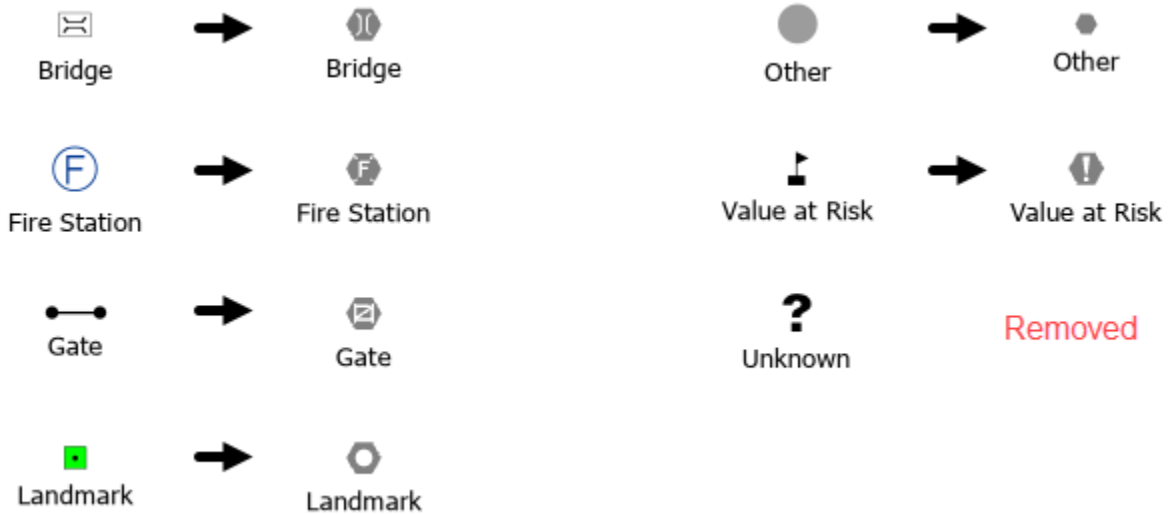
 → 
Structure Wrap → Structure Wrap

 → 
Water Development or Draft Site → Water Development or Draft Site

Reference

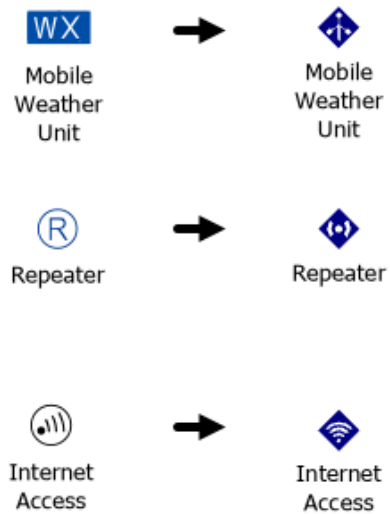
Gray Hexagon

- Unknown feature removed to improve clarity.



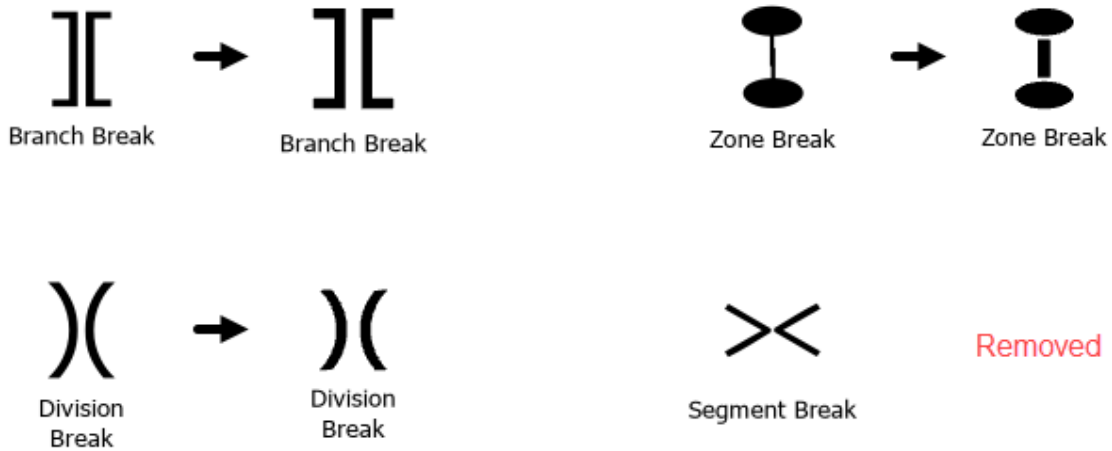
Communications

Navy Diamond



Assignment Breaks

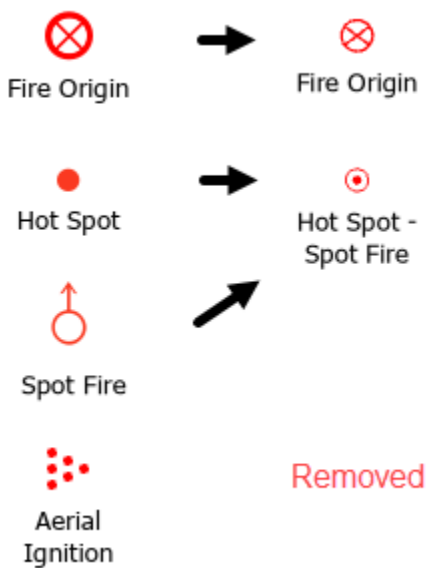
- Segment Break feature removed due to lack of use.



Fire

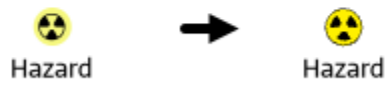
Red Circle

- Hot Spot and Spot Fire features combined. Feature within the perimeter should be assumed as Hot Spot and outside the perimeter as Spot Fire.
- Aerial Ignition feature removed due to lack of use.



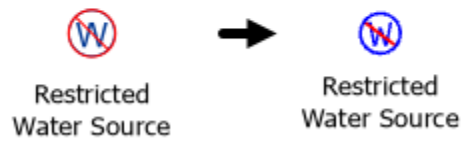
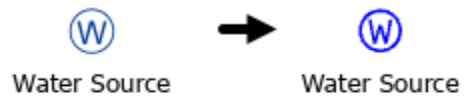
Safety

Yellow and Black



Water

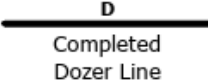
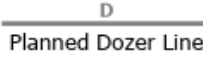

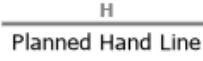
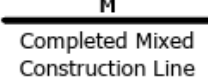


Blue Circle



Event Line

2021 Event Line AGOL and Feature Service Symbology

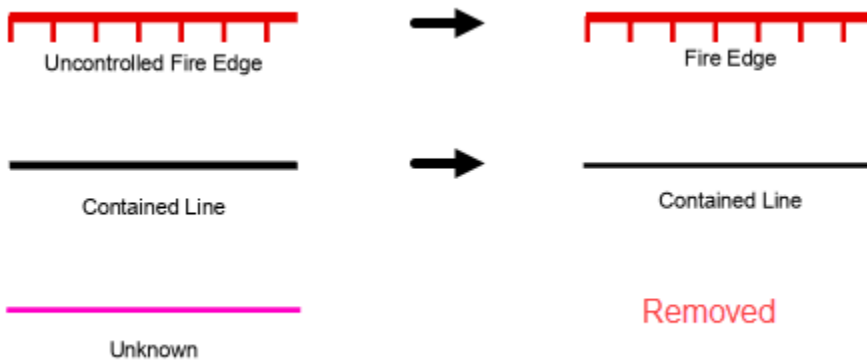
There is still insufficient complexity supported in feature services to allow for a single, cross-platform Event Line symbol set, but the new symbols take a step towards changes that are expected in 2022 to make that possible. Line labels will not yet display in AGOL's basic Map Viewer but will in Collector and Field Maps mobile apps.

 Air-Haz Aerial Hazard	 B Completed Burnout	 B Planned Burnout
 W Water Drop	 D Completed Dozer Line	 D Planned Dozer Line
 RT Retardant Drop	 FB Completed Fuel Break	 FB Planned Fuel Break
 F Foam Drop	 H Completed Hand Line	 H Planned Hand Line
 Route	 M Completed Mixed Construction Line	 M Planned Mixed Construction Line
 UAS Launch and Recovery Zone	 P Completed Plow Line	 P Planned Plow Line
 Temporary Flight Restriction	 R Completed Road as Line	 R Planned Road as Line
 Access or Improved Road		 S Planned Secondary Line
 Fence	 Fire Edge	 Repair Line
 Highlighted Feature	 Contained Line	 Road Repair
 Management Action Point		
 Other		

2021 Event GDB Line Symbology

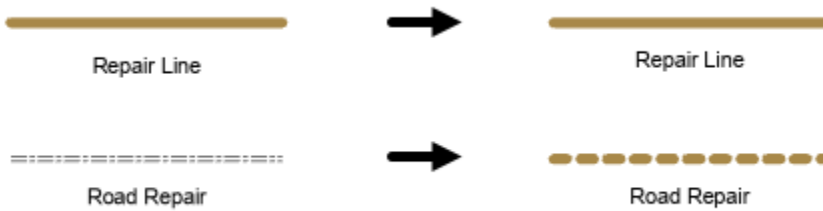
Fire Perimeter

- Implementation for the Fire Perimeter features remains the same as 2020. The entire fire perimeter should be covered by either Fire Edge or Contained Line (i.e. there should be Event Line features of only these two categories coincident with the entire fire polygon).
- Unknown feature removed for clarity.



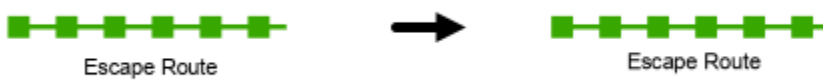
Repair

Brown Lines



Safety

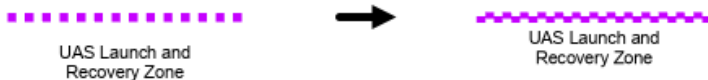
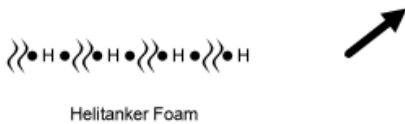
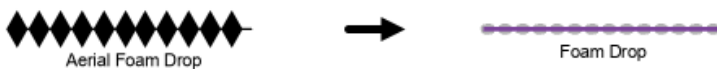
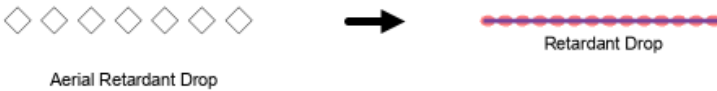
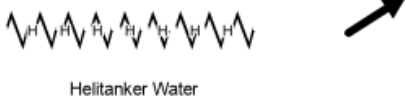
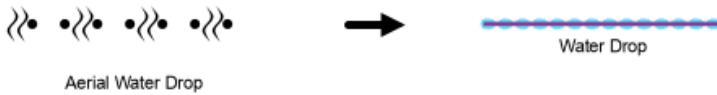
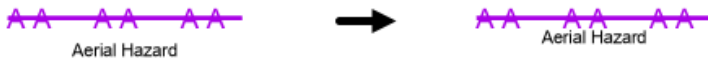
Green Lines



Air Operations

Purple Lines

- Aerial Ignition feature removed due to lack of use.
- Drop features combined into Water, Retardant, and Foam to improve clarity.
- Route feature added.



Ops Completed

Black Lines

- Active Burnout feature removed due to lack of use.
- Completed Mixed Construction Line feature added for consistency in line types.
- Explosive Line feature removed due to lack of use.



Active Burnout

Removed



Completed Burnout



Completed Burnout



Completed Dozer Line



Completed Dozer Line



Line Break Completed



Completed Fuel Break

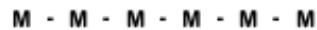


Completed Hand Line



Completed Hand Line

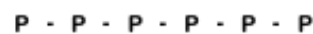
New!



Completed Mixed Construction Line



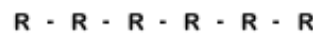
Completed Plow Line



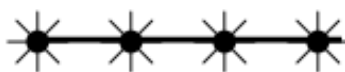
Completed Plow Line



Road as Completed Line



Completed Road as Line



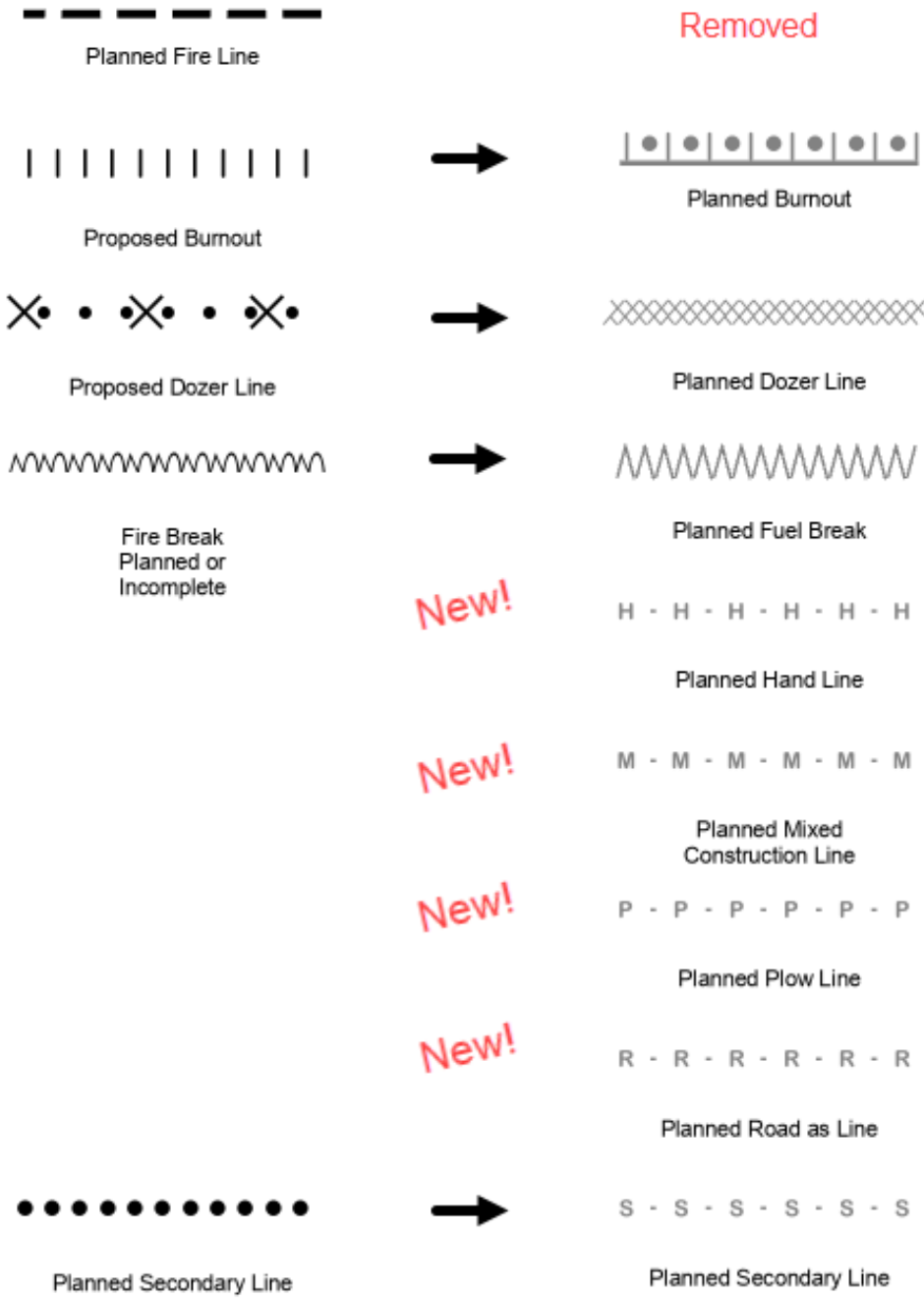
Explosive Line

Removed

Ops Planned

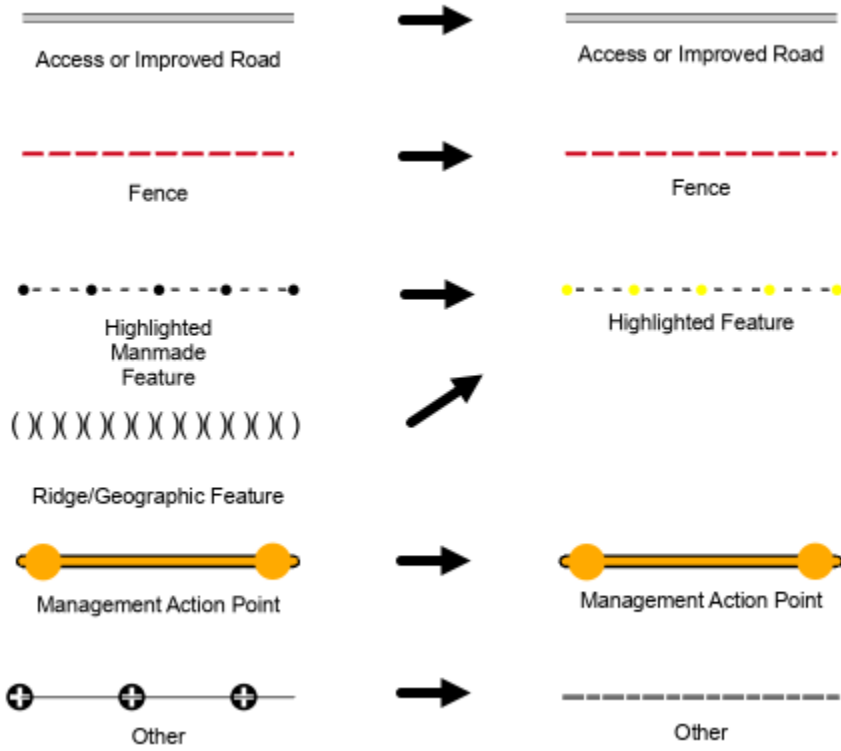
Gray Lines

- Planned Fire Line feature removed for consistency in line types.
- Planned Hand Line, Planned Mixed Construction Line, Planned Plow Line, and Planned Road as Line features added for consistency in line types.



Reference

- Highlighted Manmade Feature and Ridge/Geographic Feature combined into Highlighted Feature for simplicity.



Event Polygon

- The majority of the Event Polygon feature have been removed due to lack of use or the availability of more appropriate data sources/hosting.
- Evacuation Area and Closure Area features should have separate services so they can be shared publicly.
- Retardant Avoidance Areas should be pulled from the authoritative source.

