TRAFFIC INCIDENT MANAGEMENT AREA

UPSTREAM ←→   DOWNSTREAM ←→

Lane 1 →
Lane 2 →

Buffer Buffer Buffer

SLOW DOWN MOVE OVER

ADVANCE WARNING AREA

TRANSITION AREA

BUFFER SPACE

INCIDENT SPACE

ACTIVITY AREA

TERMINATION AREA
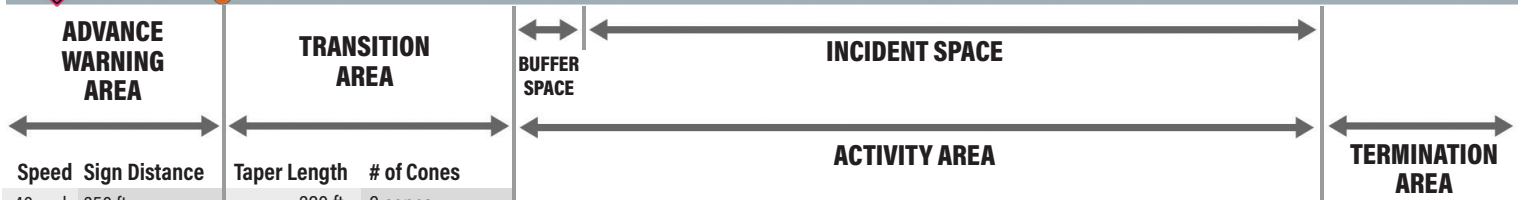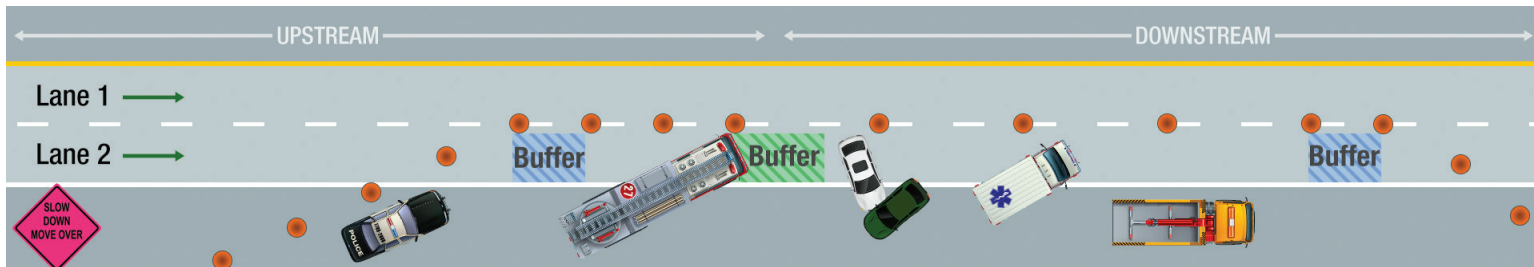
Speed	Sign Distance		Taper Length	# of Cones
40 mph	350 ft.		320 ft.	8 cones
55 mph	750 ft.		660 ft.	16 cones
65 mph	1000/1500* ft.		780 ft.	18 cones

Sign distance is from start of taper/transition moving upstream of incident. Length of advance warning area = 8 x Roadway MPH. Use 12x instead if limited sight distance.

* two signs recommended

Skip line is 10 ft. long with 30 ft between skips. Place taper cone at start of each skip line (40 ft.).

WAYS TO ESTIMATE DISTANCE

- Use utility poles: 75' to 100' between utility poles
- Use roadway skip lines: line 10 ft. long; break 30 ft. long
- Use human paces: 1 step is approximately 3 ft.

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EMERGENCY RESPONDER CHECKLIST

"First 15" Initial Action Items

- ☐ Position blocking vehicle
- ☐ Don high visibility apparel
- ☐ Estimate incident magnitude, expected duration, and vehicle queue (backup) length
- ☐ Establish Incident Command/Unified Command Post
- ☐ Assign trained personnel to traffic control
- ☐ Establish TIMA; reassess every 15 minutes and revise as needed
- ☐ Identify and request needed resources (HAZMAT, towing/recovery, DPW, DOT, medical examiner, crash investigation)

Incident Magnitude	Duration	Traffic Control Measures
Minor	<30 minutes	- Notify Traffic Operations Center (TOC) if roadway is one where a minor delay can significantly impact traffic - Establish TIMA
Intermediate	30 min - 2 hrs	- Notify TOC - Establish TIMA - Consider DOT response
Major	2+ hrs	- Notify TOC - Request DOT response early - Establish full work zone (same as non-emergency)

Personnel Must Do's

- ☐ All responders must wear department-issued, identifiable, high visibility apparel or NFPA-compliant turnout gear
- ☐ Only trained personnel should conduct traffic control
- ☐ Never turn your back to traffic, minimize exposure to traffic, work in the shadow of the blocking vehicle, maintain situational awareness
- ☐ Use spotters to look out for moving vehicles

COMMUNICATE
COORDINATE
COOPERATE

Vehicles Must Do's

- ☐ Limit number of responding vehicles
- ☐ Stage vehicles not active in response off-roadway
- ☐ Park all vehicles on same side of roadway
- ☐ Position blocking apparatus to protect responders
- ☐ Activate emergency lighting appropriate to the conditions
- ☐ Minimize forward-facing white lights

Roadway Response Considerations

- ☐ Time of the incident
- ☐ Amount of congestion
- ☐ Can vehicles be moved from roadway
- ☐ How many (if any) lanes need to be closed
- ☐ Emergency vehicle access routes
- ☐ Increased volume on detour routes
- ☐ Minimizing time on scene to limit exposure
- ☐ How quickly lanes can be reopened
- ☐ How to avoid secondary incidents
- ☐ How you can make the scene safer
- ☐ Periodic updates to the TOC