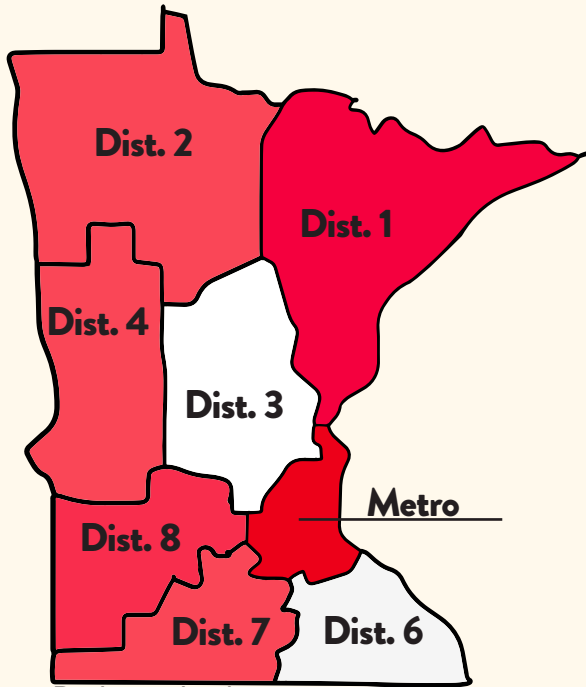


**Where** intrusions are being reported.



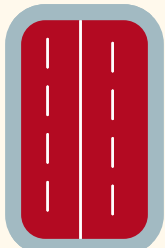
Darker red indicates greater number of reported intrusions.

## District % Reported

District	% Reported
Metro	23.72%
1	15.86%
2	13.96%
3	3.62%
4	11.47%
6	11.87%
7	11.49%
8	8.01%

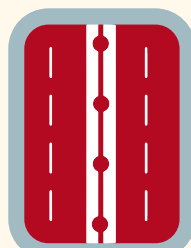
## Roadway Division

42%



Undivided

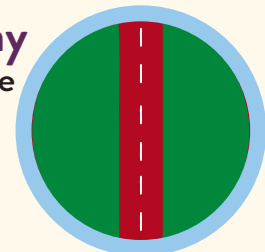
58%



Divided

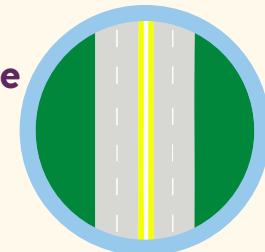
## Primary Work Area

Roadway  
Non-Turn Lane



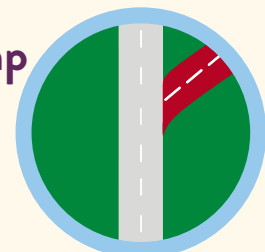
64%

Centerline



18%

Ramp

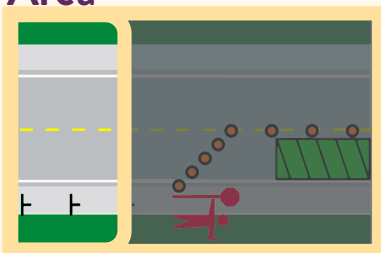


18%

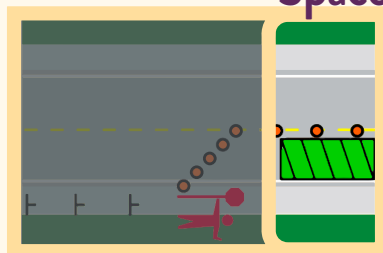
Advance  
Warning  
Area

## TTC Zone Area

Work  
Space

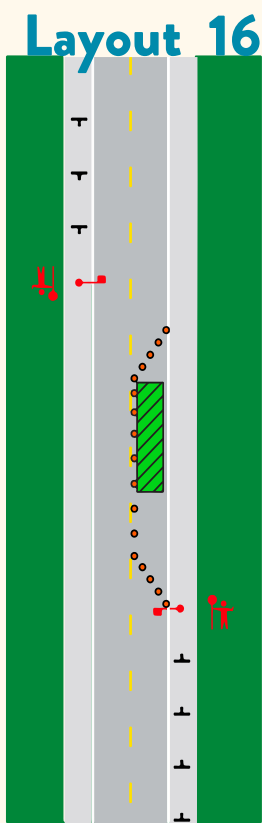
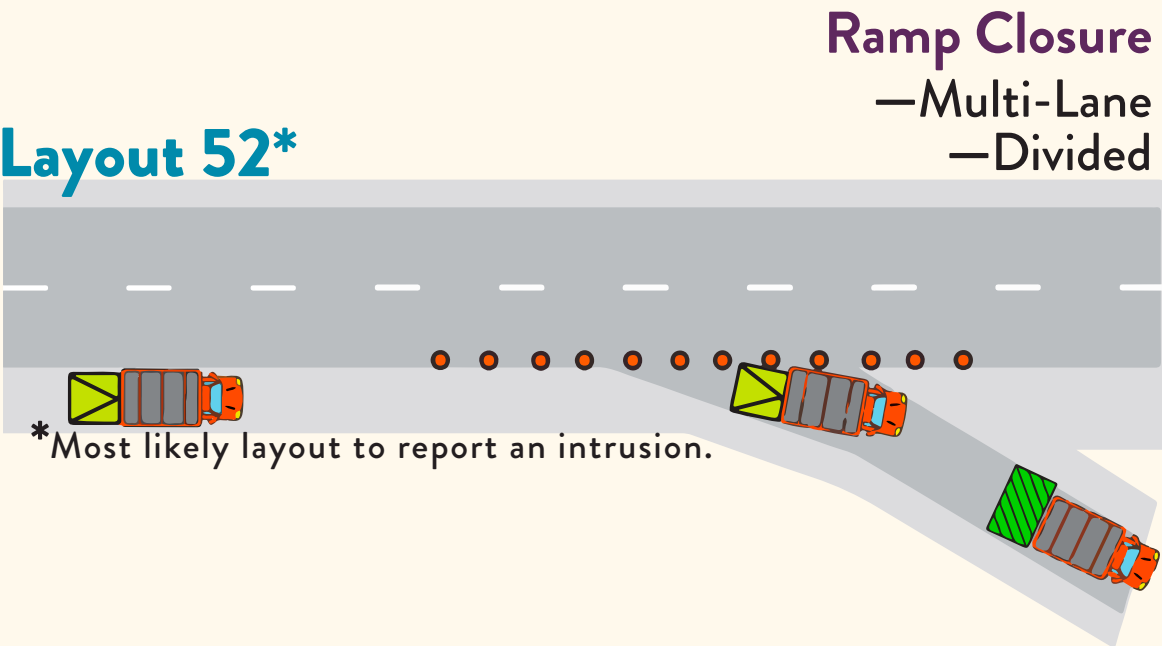


22%

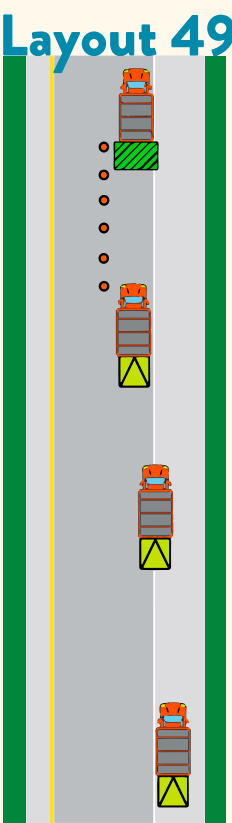


44%

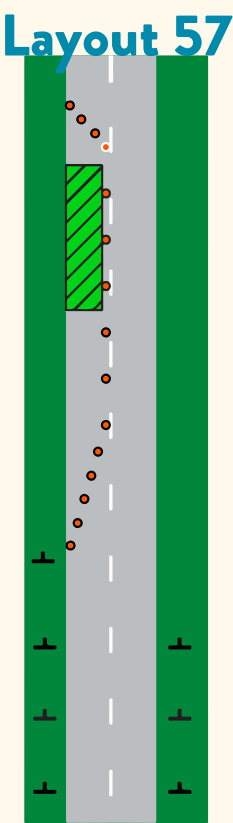
# Layouts with the most intrusions.



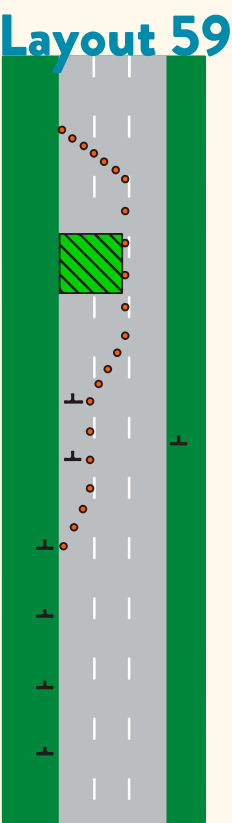
**Lane Closure**  
**Two Flaggers**  
—Two-Lane  
—Two-Way



**Lane Closure**  
—Multi-Lane  
—Divided



**Lane Closure**  
—Multi-Lane  
—Divided



**Left Two Lanes Closed**  
—Multi-Lane  
—Divided

## Types of intrusions being reported.

22.2%



Failure to move into  
correct lane

16.6%



Circumvent  
Work Zone

16.6%



Disobey/Disrupt  
Flagger

## Consequences of reported intrusions.



62% Reported as being severe.

29% Evasive safety maneuvers  
taken by crew.



28% Involved a reportable  
crash.

28% Ended with law enforcement  
being called.



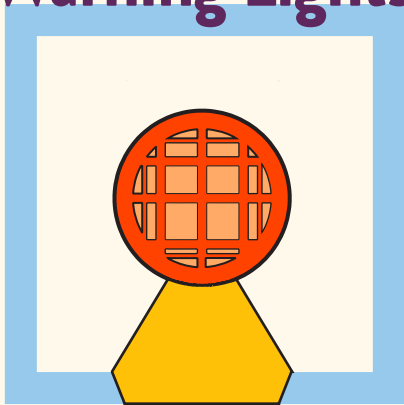
# Safety equipment found most protective.

Reports with crew needing to take evasive safety maneuvers.



## Flashing Warning Lights

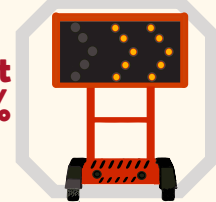
Without  
50%



With  
7%

## Arrow Board

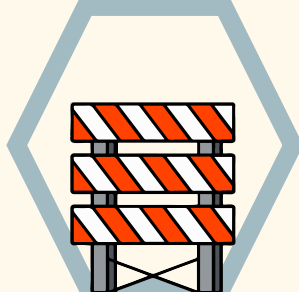
Without  
50%



With  
23%

## Barricades

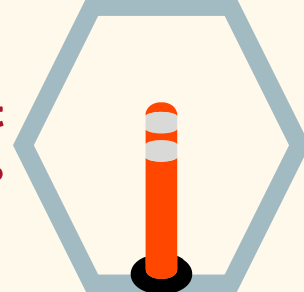
Without  
43%



With  
10%

## Channelizers

Without  
43%



With  
10%

Intrusions reported as severe.



## Barricades

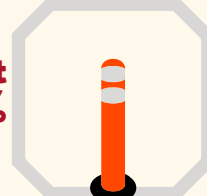
Without  
77%



With  
50%

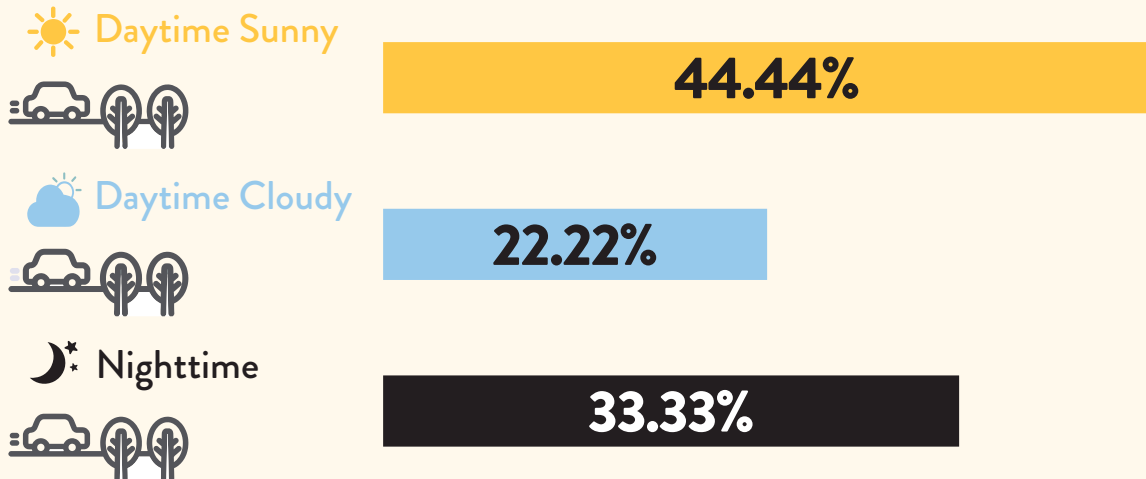
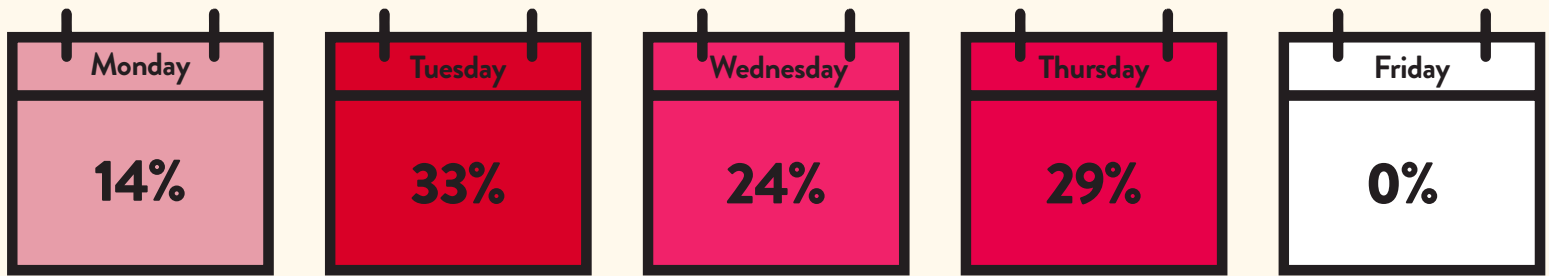
## Channelizers

Without  
77%



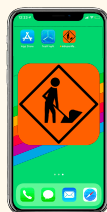
With  
50%

## When intrusions are occurring.



## Last messages to MnDOT Supervisors, TGS, & TGs.

- This report aimed to provide you with clear and useful facts about intrusions into your work zone to aid your decisions and ability to stay safe while working.
- All information contained within this report comes from work zone intrusion reports submitted before November 2nd, 2021.
- Please continue to document intrusions after experiencing them in your work zones when safe to do so using either the intrusion reporting app or its alternate paper form. Doing so enables us to learn more about intrusions and, ultimately, allows us to provide you with better, more accurate information about intrusions to aid your and your team members' safety.



iPhone app



Paper form



**Instructions:** Use your smartphone camera and scan the QR code to the right of the intrusion report you wish to download.