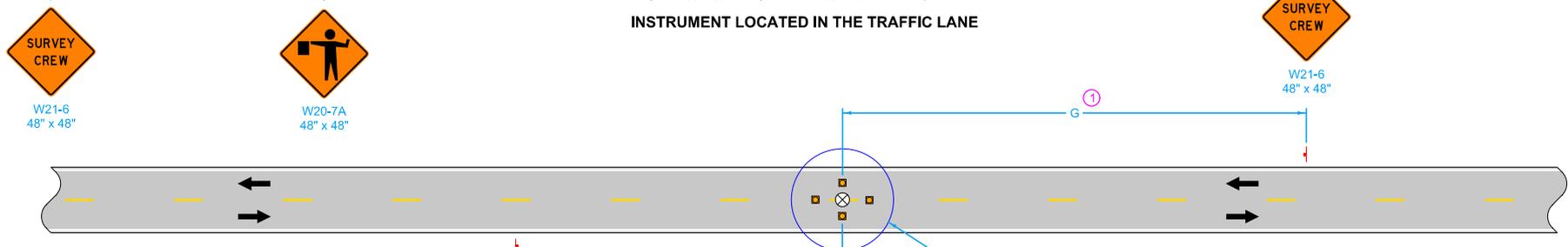
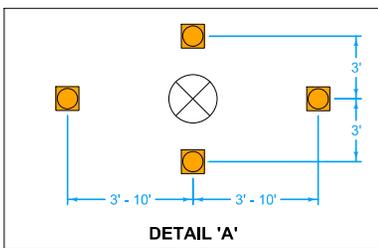


INSTRUMENT LOCATED IN THE TRAFFIC LANE



INSTRUMENT LOCATED NEAR THE CENTERLINE



**LEGEND**

- Traffic Sign
- Instrument Person
- Cone
- Work Area
- Flagger
- Direction of Traffic

SPEED LIMIT (mph)	A	WITH LANE CLOSURE	WITHOUT LANE CLOSURE	F + G MAXIMUM
		F and G (1)	F and G (1)	
35 or less	250'	250' - 3250'	500' - 3000'	3500'
40 - 45	350'	350' - 3350'	700' - 3000'	3700'
50 or greater	500'	500' - 3500'	1000' - 3000'	4000'

When another person is required outside of the signing setup (e.g. for a survey target), a separate signing setup may be necessary unless the traffic lane can be vacated to accommodate traffic.

- (1) Keep F and G distances as near to minimum values as work permits. However, to be able to move the work area without moving the advance signing, F and G values may be varied within the limits of the table. Maximum movement can be achieved by setting one F or G value at the minimum and the other value at its maximum.

- (2) Use a second flagger if:
  - The flagger's view of approaching traffic in the open lane is less than a quarter mile or the work site is in an area of restricted sight distance (such as a "No-Passing" zone); or
  - Excessive traffic delays are encountered.

Possible Contract Items:  
 Flaggers  
 Traffic Control

<p><b>Iowa Department of Transportation</b></p> <p><b>STANDARD ROAD PLAN</b></p> <p><small>REVISIONS: Made into color standard. Changed size of signs to 48" X 48".</small></p> <p style="text-align: right;"><i>Deanna Maifield</i> APPROVED BY DESIGN METHODS ENGINEER</p>	REVISION 2   10-18-11
	TC-283
SHEET 1 of 1	
SURVEYING OPERATIONS	