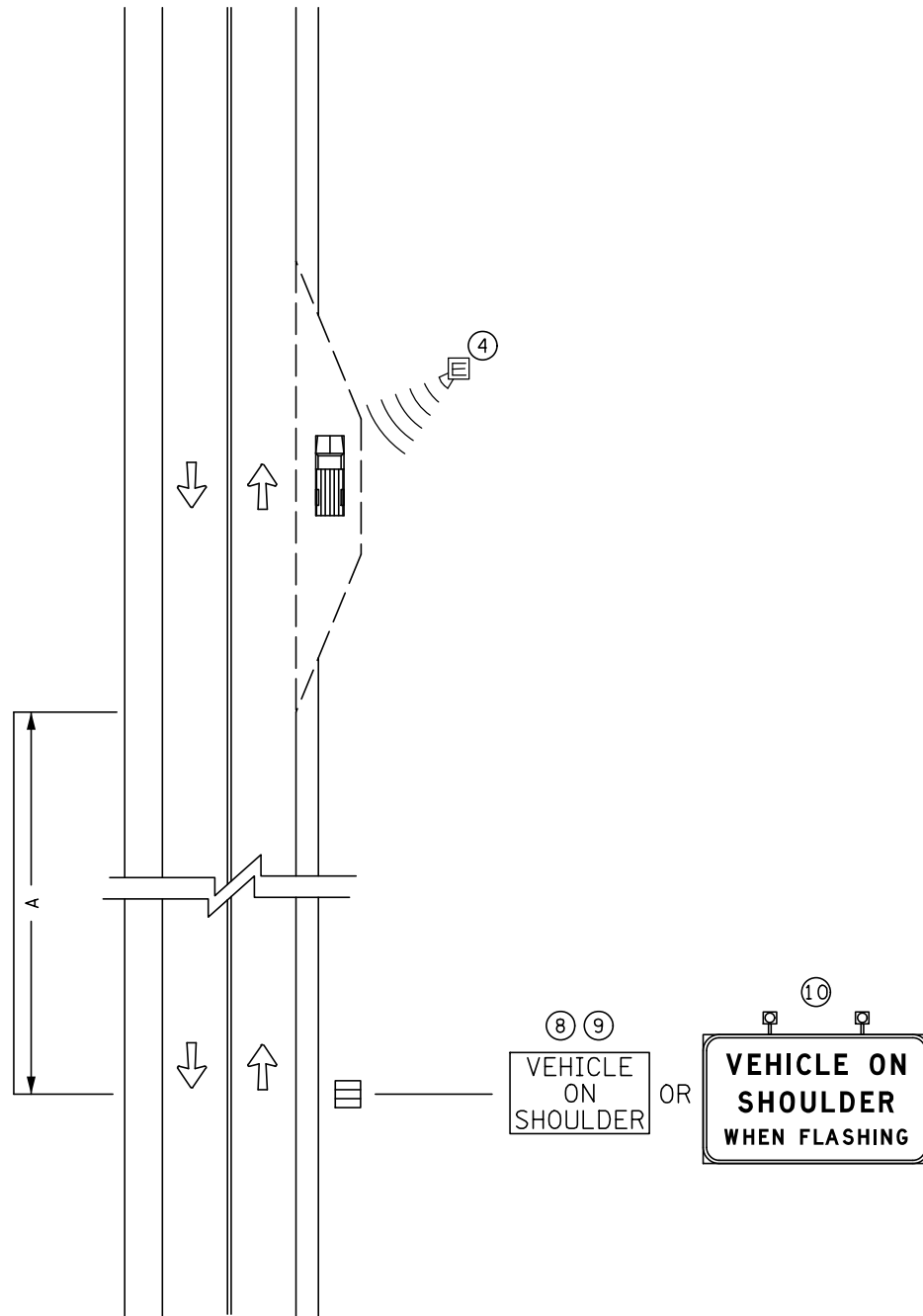


NOT TO SCALE



EMERGENCY PULL OFF DETECTION SYSTEM  
 MAY BE USED ON DIVIDED HIGHWAY OR TWO-LANE,  
 TWO-WAY ROADS WHERE SHOULDERS ARE LESS THAN  
 6 FEET WIDE AND RESTRICTION CONTINUES FOR MORE  
 THAN 3/4 MILE

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	SPACING OF CHANNELIZING DEVICES (G) FEET	SPACING OF ADVANCE WARNING SIGNS (A) FEET	DECISION SIGHT DISTANCE FEET	TAPER LENGTH (L) FEET	BUFFER SPACE (B) FEET
0 - 30	25	100	550	200	200
35 - 40		325	700	325	305
45 - 50		600	900	600	425
55	50	750	1200	700	500
60 - 65		1000	1400	800	650
70 - 75		1200	1600	900	820

ALL DISTANCES BASED ON 12 FT LANE WIDTHS.

DESIGNER NOTES:

TYPICAL APPLICATION FOR REFERENCE ONLY, NOT TO BE INSERTED INTO PLAN.

1. INSERT SPACING CHART DISTANCES INTO LAYOUTS.
2. SEE LONG TERM TYPICAL APPLICATION LAYOUT 43 "EMERGENCY PULL OFF" FOR PLACEMENT AND DESIGN OF THE EMERGENCY PULL OFF SITES.
3. ANALYSIS SHOULD BE DONE AHEAD OF TIME FOR SIGNING PLACEMENT AND PCMS FUNCTIONING.
4. NON-INTRUSIVE DETECTION DEVICES SHOULD BE PLACED AS NEEDED FOR EACH SITE.
5. THE PCMS SHOULD BE LOCATED "A" DISTANCE IN ADVANCE OF THE EMERGENCY PULL OFF SITE. LONGER WORK ZONES MAY HAVE MULTIPLE EMERGENCY PULL OFF SITES AND REQUIRE MULTIPLE SYSTEMS, ONE SYSTEM FOR EACH SITE.
6. APPROVED CMS MESSAGES SHOULD BE SHOWN ON THE TTC PLANS AND LISTED IN THE SPECIAL PROVISIONS. APPROXIMATE CMS LOCATIONS SHOULD ALSO BE SHOWN ON THE TTC PLANS. ALL CMS DISPLAYS SHOULD BE BLANK OR USED FOR ANOTHER ITS SYSTEM WHEN EMERGENCY PULL OFF DETECTION NOTIFICATION MESSAGES ARE NOT WARRANTED.
7. SIGNS ARE ACTIVATED WHEN IN RESPONSE TO A VEHICLE STOPPED IN THE EMERGENCY PULL OFF AREA.
8. WHEN PCMS DEVICES ARE USED, THE MESSAGE SHOULD READ: --VEHICLE ON SHOULDER --.
9. ALL DISPLAYS SHOULD BE BLANK WHEN MESSAGES ARE NOT WARRANTED.
10. THE PCMS MAY BE REPLACED WITH A LOWER COST STATIC SIGN EQUIPPED WITH DYNAMICALLY AUTOMATED FLASHING LIGHTS.
11. SEE FILED MANUAL LAYOUT #7 FOR PROPER SHOULDER DELINEATION FOR TRAILER MOUNTED TRAFFIC CONTROL DEVICES.

ALTERNATE STATIC SIGN

