

Dynamic Late Merge System (Zipper Merge)

SPEED Normal Posted (mph)	SIGN SPACING (ft.)	
	Undivided (S)	Divided (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	SA - 1000 SB - 1500 SC - 2640

Notes:

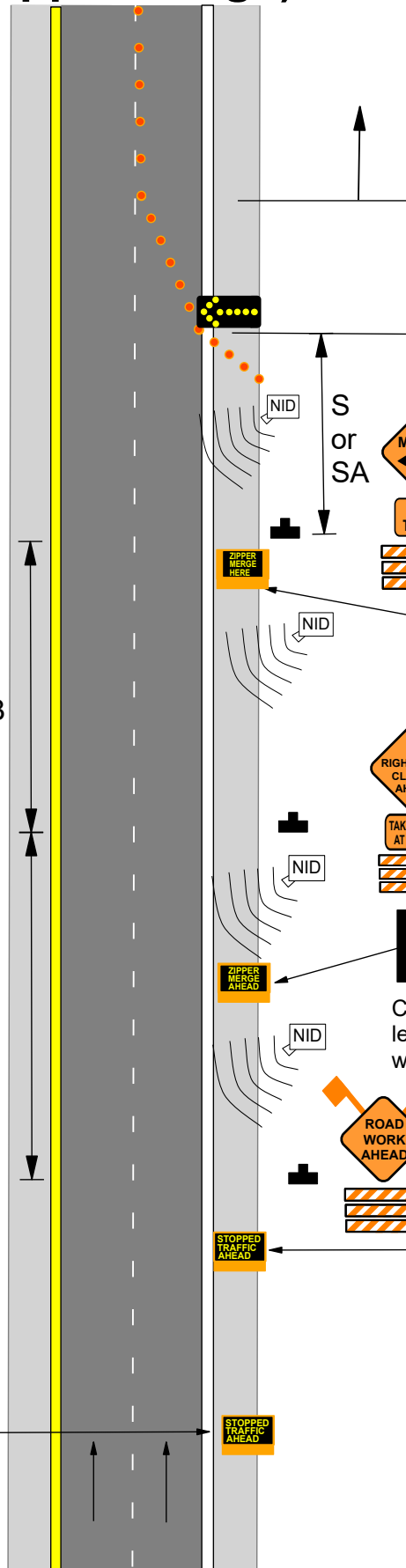
The typical application is not drawn to scale.

The Changeable Message Signs and Non-Intrusive Detectors shall be spaced along the route as needed for proper systems operations.

Static signs may be used as a supplement for CMS boards. The static sign provides a continuous reinforcing message to the traveling public.

Static signs may be located beyond and within the anticipated queue length.

- Channelizer
- Sign
- Advanced Warning Rail System
- Arrow Board
- Changeable Message Signs
- Non-Intrusive Detector



**DURING BACKUPS
USE BOTH LANES**

**TAKE TURNS
AT MERGE**

96" X 48" (Letters 6" E Modified)

**TAKE TURNS
AT MERGE**

30" X 24" (Letters 4.5" C)

TAKE TURNS

30" X 24" (Letters 6" C)

SLOW TRAFFIC AHEAD ← **USE BOTH LANES**

OR

STOPPED TRAFFIC AHEAD ← **USE BOTH LANES**

CMS located beyond the estimated maximum queue length.

ZIPPER MERGE HERE ↔ **TAKE TURNS**

CMS located 100' ahead (upstream) of the Merge sign.

ZIPPER MERGE AHEAD ↔ **USE BOTH LANES**

CMS located beyond the estimated queue length at the time when system activation will occur.

SLOW TRAFFIC AHEAD ↔ **USE BOTH LANES**

STOPPED TRAFFIC AHEAD ↔ **USE BOTH LANES**

CMS located beyond the estimated queue length at the time when system activation will occur.