Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER — DATE 10-30-19

PLANS APPROVAL DATE

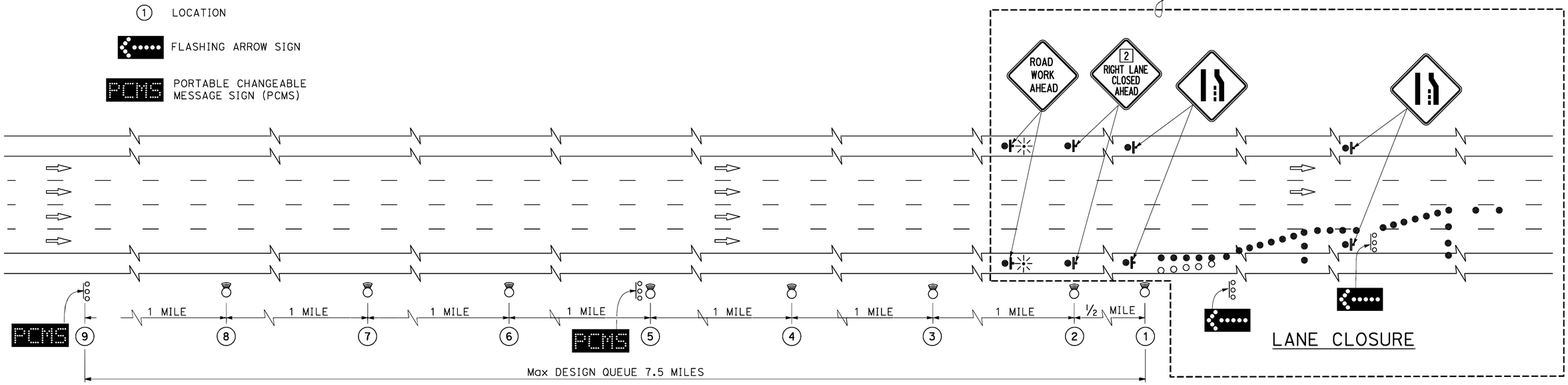
Charles D. Suszko — REGISTERED PROFESSIONAL ENGINEER — No. C43029 — Exp. 3-31-20 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LEGEND:

- PORTABLE VEHICLE SPEED SENSOR
- TRAFFIC CONE
- TRAFFIC CONE (OPTIONAL TAPER)
- PORTABLE FLASHING BEACON
- SIGN
- SUPPORT OR TRAILER
- (1) LOCATION
- FLASHING ARROW SIGN
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

This is not part of the temporary end of queue warning system. See Standard Plans for Traffic Control System for lane closure components.



OPERATIONAL GUIDELINE FOR PCMS MESSAGES

MESSAGE AT (9)	LAST 5 Min SPEED AVERAGES, V(MPH)				MESSAGE AT (5)	LAST 5 Min SPEED AVERAGES, V(MPH)			
	SENSOR AT (8)	SENSOR AT (7)	SENSOR AT (6)	SENSOR AT (5)		SENSOR AT (4)	SENSOR AT (3)	SENSOR AT (2)	SENSOR AT (1)
ROAD WORK AHEAD	> 45	> 45	> 45	=> 45	ROAD WORK AHEAD	> 45	> 45	> 45	=> 45
SLOW TRAFFIC 3 MILES	> 45	> 45	=> 45	25 < V < 45	SLOW TRAFFIC 3 MILES	> 45	> 45	=> 45	25 < V < 45
SLOW TRAFFIC 2 MILES	> 45	=> 45	25 < V < 45	---	SLOW TRAFFIC 2 MILES	> 45	=> 45	25 < V < 45	---
SLOW TRAFFIC 1 MILE	=> 45	25 < V < 45	---	---	SLOW TRAFFIC 1 MILE	=> 45	25 < V < 45	---	---
SLOW TRAFFIC AHEAD	25 < V < 45	---	---	---	SLOW TRAFFIC AHEAD	25 < V < 45	---	---	---
STOPPED TRAFFIC 3 MILES	> 25	> 25	> 25	<= 25	STOPPED TRAFFIC 3 MILES	> 25	> 25	> 25	<= 25
STOPPED TRAFFIC 2 MILES	> 25	> 25	<= 25	---	STOPPED TRAFFIC 2 MILES	> 25	> 25	<= 25	---
STOPPED TRAFFIC 1 MILE	> 25	<= 25	---	---	STOPPED TRAFFIC 1 MILE	> 25	<= 25	---	---
STOPPED TRAFFIC AHEAD	<= 25	---	---	---	STOPPED TRAFFIC AHEAD	<= 25	---	---	---

Speed showns on table are for posted speed limit of 55 mph.

For other posted speed limits adjust speeds shown on the table by adding or subtracting the calculated speed adjustment using the following formula:

Speed Adjustment = X posted speed limit - 55 mph

Add speed adjustments to speed averages.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

TEMPORARY END OF QUEUE WARNING SYSTEM TYPE 1 (QUEUE <= 7.5 MILES)

NO SCALE

C-X1

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 30-OCT-2019 | TIME PLOTTED => 15:56