

LEGEND

TRAFFIC CONTROL DEVICES TO BE INSTALLED IN ACCORDANCE TO THE CURRENT EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) "ROAD CLOSURE"

ROAD CLOSURE LIMITS.....

TRAFFIC CONE

TYPE II BARRICADES

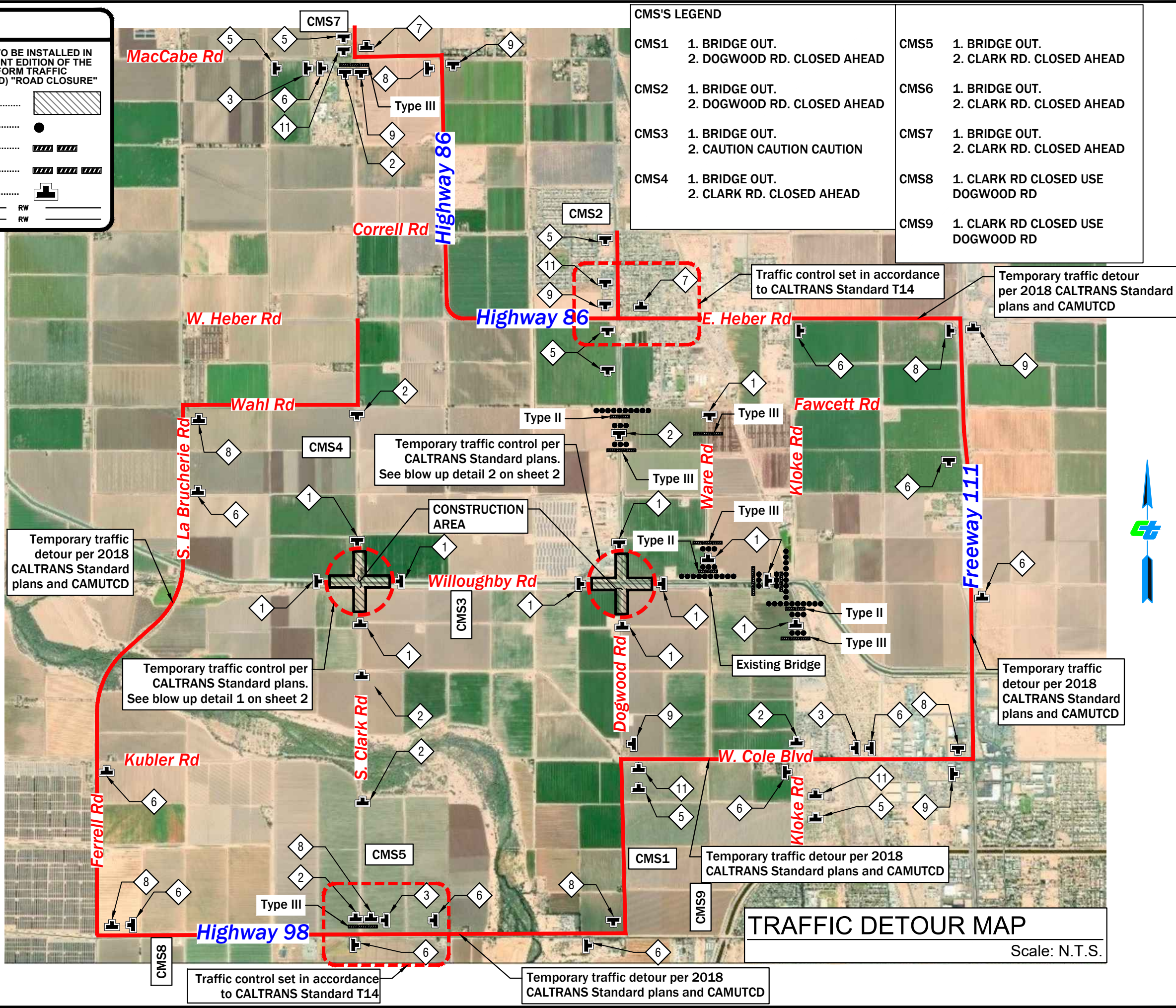
TYPE III BARRICADES

TRAFFIC SIGN.....

CALTRANS ROW RW

SIGN LEGEND

- 1 ROAD CLOSED R11-2
- 2 ROAD CLOSED TO THRU TRAFFIC R11-4
- 3
- 4
- 5 ROAD CLOSED AHEAD W20-3
- 6 DETOUR SC3 (CA)
- 7 END DETOUR M4-8a
- 8 DETOUR M4-10R
- 9 DETOUR M4-10L
- 10 BRIDGE OUT K-9784
- 11 DETOUR AHEAD W20-2



CMS'S LEGEND

CMS1	1. BRIDGE OUT. 2. DOGWOOD RD. CLOSED AHEAD
CMS2	1. BRIDGE OUT. 2. DOGWOOD RD. CLOSED AHEAD
CMS3	1. BRIDGE OUT. 2. CAUTION CAUTION CAUTION
CMS4	1. BRIDGE OUT. 2. CLARK RD. CLOSED AHEAD

CMS5	1. BRIDGE OUT. 2. CLARK RD. CLOSED AHEAD
CMS6	1. BRIDGE OUT. 2. CLARK RD. CLOSED AHEAD
CMS7	1. BRIDGE OUT. 2. CLARK RD. CLOSED AHEAD
CMS8	1. CLARK RD CLOSED USE DOGWOOD RD
CMS9	1. CLARK RD CLOSED USE DOGWOOD RD

TRAFFIC DETOUR MAP
Scale: N.T.S.

DATE	04-12-22
DRAWN	A.M.
CHECKED	R.M.
SCALE	NONE
SHEET	1
OF	2

DESCRIPTION OF WORK

DOGWOOD ROAD BRIDGE CLOSED
CLARK ROAD BRIDGE CLOSED

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:

[Signature]

74475 R.C.E. No.
12-31-23 REG. EXP.
1-20-22 DATE

PUBLIC WORKS DEPARTMENT

C:\USERS\MCE\IDROPBOX\EXER ENGINEERING\TRAFFIC CONTROL\DOGWOOD RD\DOGWOOD RD 08_TTC.DWG
PLOT DATE: 4/12/2022

LEGEND

TRAFFIC CONTROL DEVICES TO BE INSTALLED IN ACCORDANCE TO THE CURRENT EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) "ROAD CLOSURE"

ROAD CLOSURE LIMITS.....

TRAFFIC CONE

TYPE II BARRICADES

TYPE III BARRICADES

TRAFFIC SIGN.....

CALTRANS ROW _____ RW _____

SIGN LEGEND

1 ROAD CLOSED R11-2

2 ROAD CLOSED TO THRU TRAFFIC R11-4

3 R3-1

4 R3-2

5 ROAD CLOSED AHEAD W20-3

6 SC3 (CA)

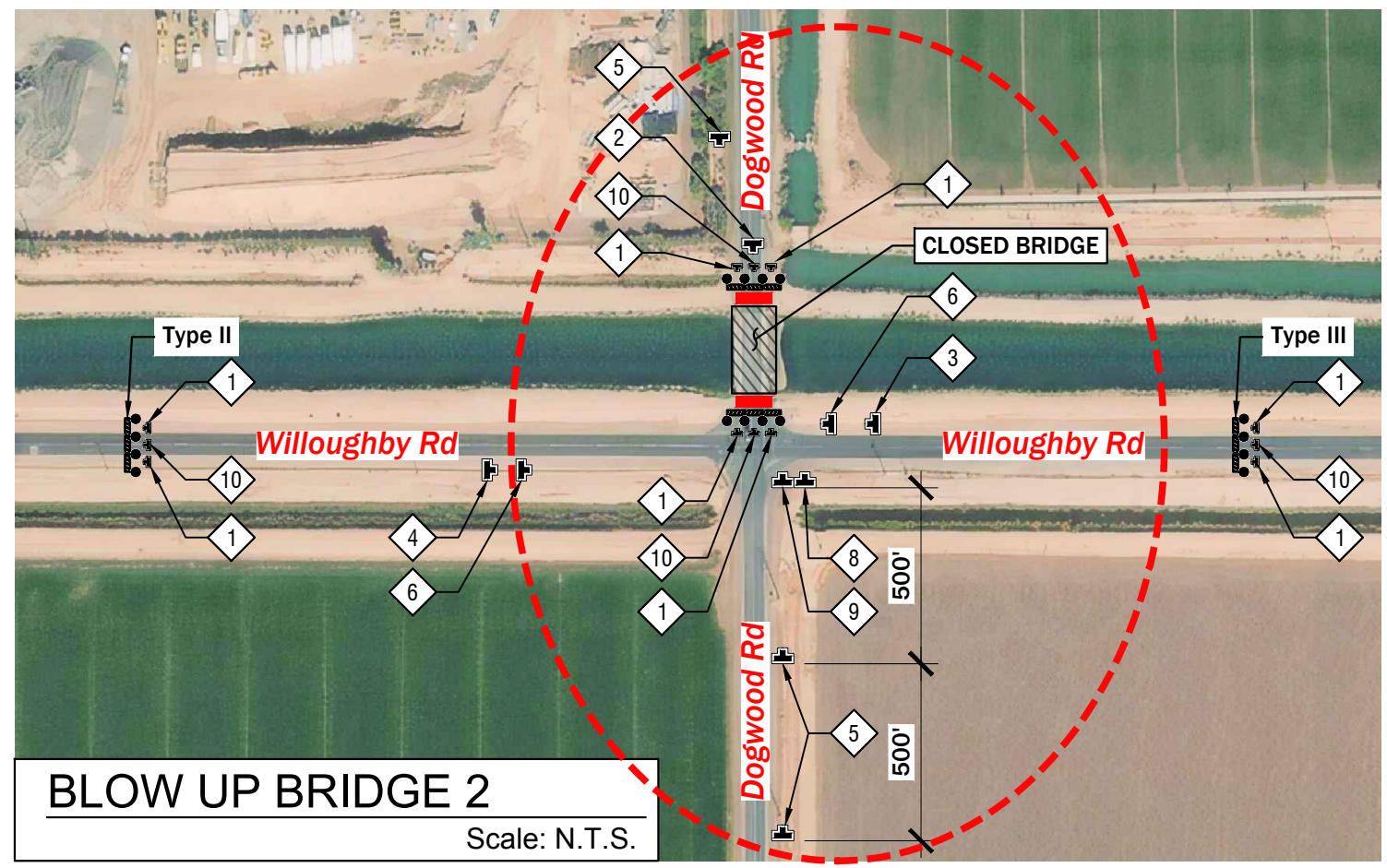
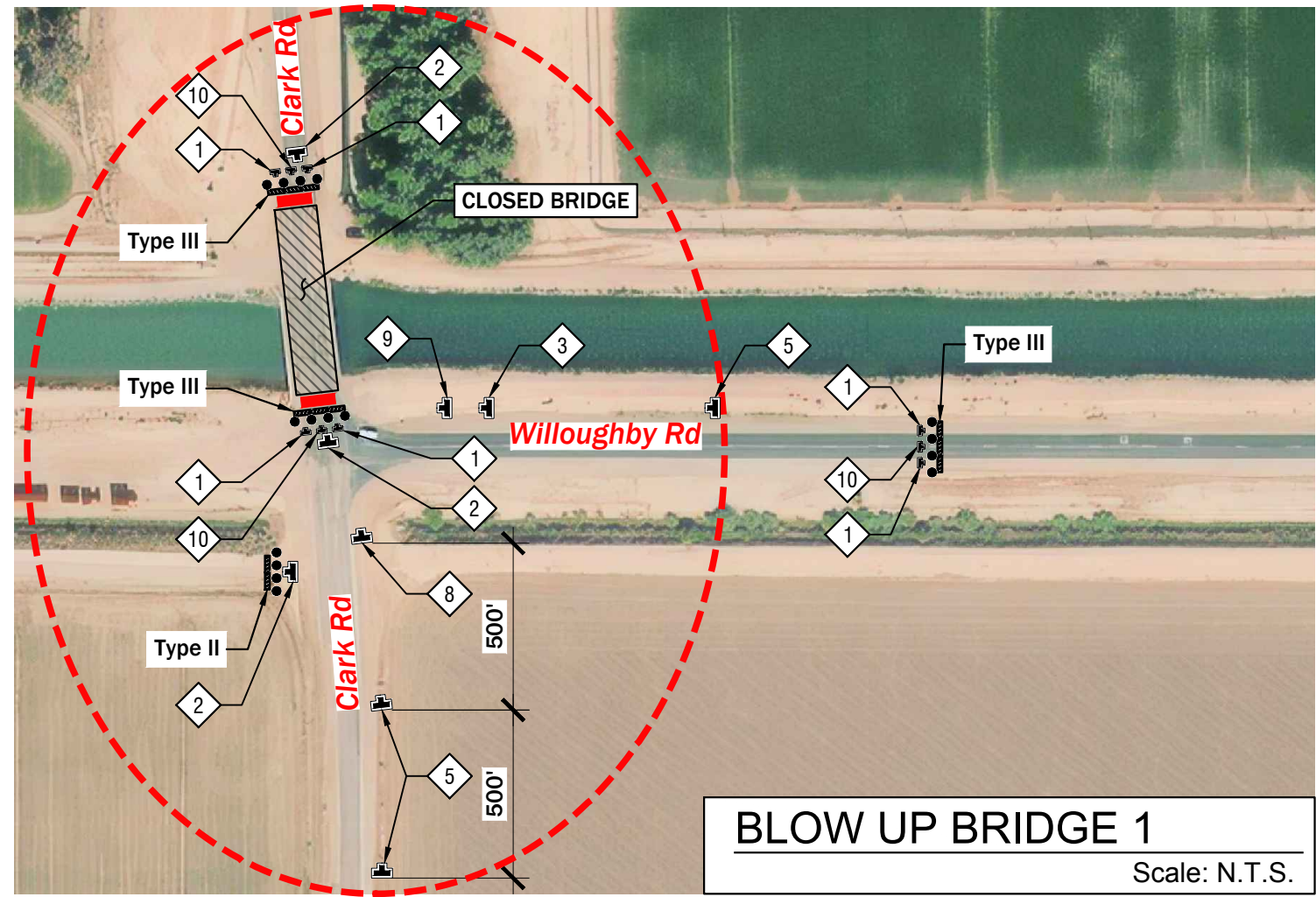
7 END DETOUR M4-8a

8 M4-10R

9 M4-10L

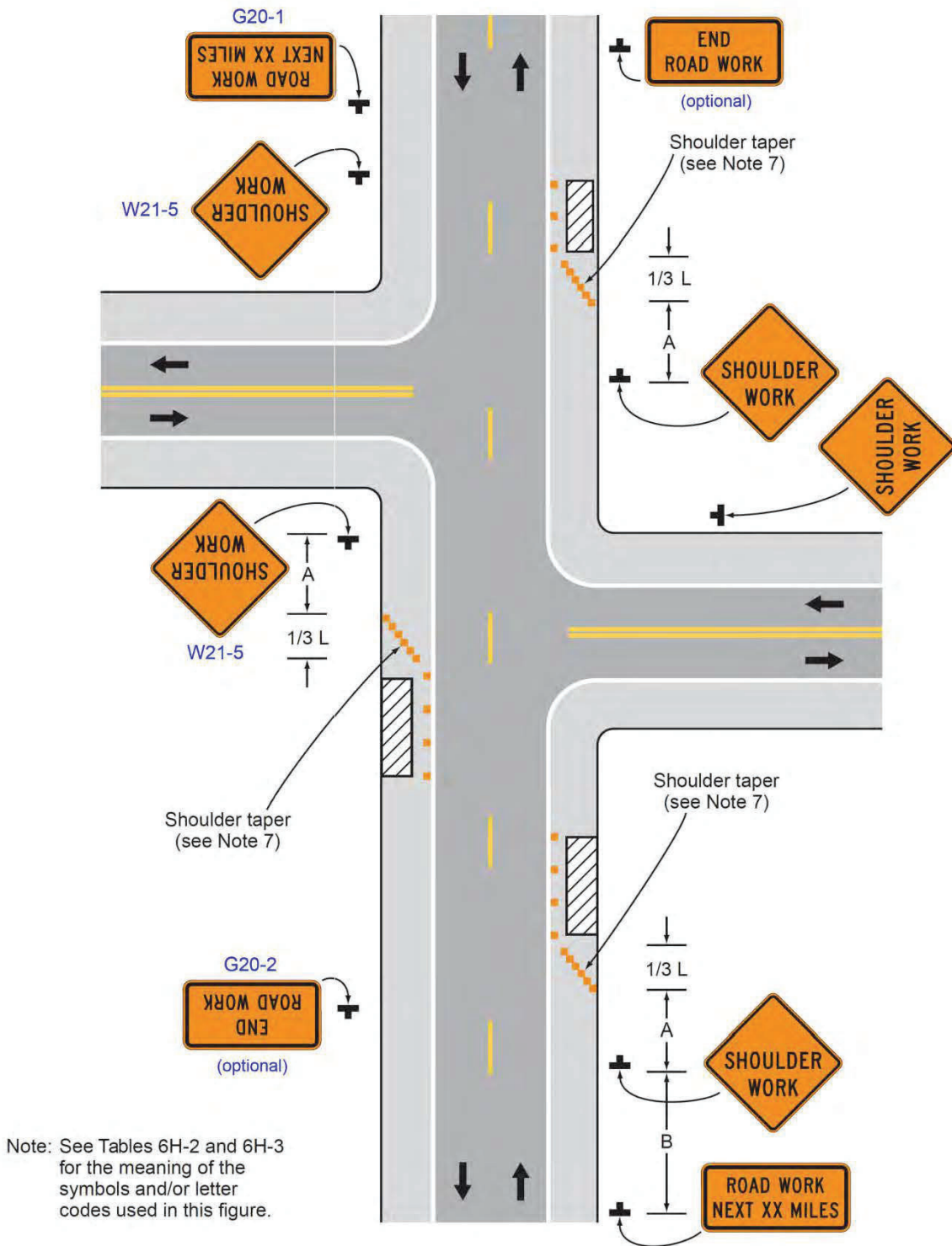
10 BRIDGE OUT K-9784

11 DETOUR AHEAD W20-2



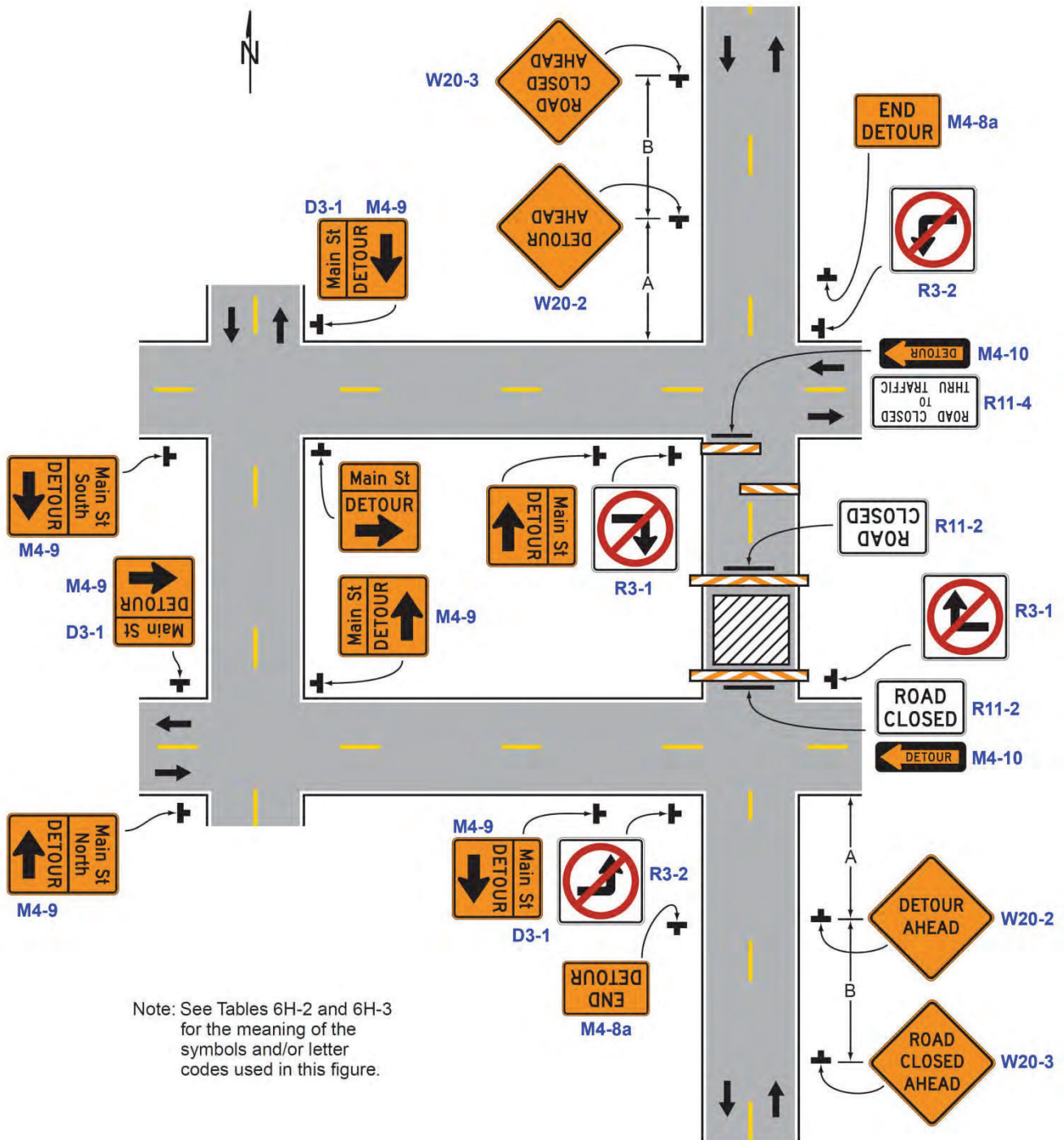
DRAWN A.M.	DATE 03-06-22	SCALE NONE	CHECKED R.M.	SHEET 2	OF 2
	DESCRIPTION OF WORK DOGWOOD ROAD BRIDGE CLOSED CLARK ROAD BRIDGE CLOSED				
COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:		74475 R.C.E. No.	12-31-23 REG. EXP.	DATE 1-20-22	
		PUBLIC WORKS DEPARTMENT <small>C:\USERS\MAGES\IDROPBOX\VEVEER\ENGINEERING\TRAFFIC CONTROL\DOGWOOD RD\DOGWOOD RD 08_TTC.DWG PLOT DATE: 3/10/2022</small>			

Figure 6H-3. Work on the Shoulders (TA-3)



Typical Application 3

Figure 6H-20. Detour for a Closed Street (TA-20)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 20

285

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

Atifa Ferouz
REGISTERED CIVIL ENGINEER

May 31, 2018
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Atifa Ferouz
No. CB0402
Exp. 3-31-19
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.

TABLE 1

SPEED (S)	MINIMUM TAPER LENGTH * FOR WIDTH OF OFFSET 12 FEET (W)				MAXIMUM CHANNELIZING DEVICE SPACING		
	TANGENT 2L	MERGING L	SHIFTING L/2	SHOULDER L/3	X	Y	Z **
					TAPER	TANGENT	CONFLICT
mph	ft	ft	ft	ft	ft	ft	ft
20	160	80	40	27	20	40	10
25	250	125	63	42	25	50	12
30	360	180	90	60	30	60	15
35	490	245	123	82	35	70	17
40	640	320	160	107	40	80	20
45	1080	540	270	180	45	90	22
50	1200	600	300	200	50	100	25
55	1320	660	330	220	50	100	25
60	1440	720	360	240	50	100	25
65	1560	780	390	260	50	100	25
70	1680	840	420	280	50	100	25
75	1800	900	450	300	50	100	25

* - For other offsets, use the following merging taper length formula for L:
For speed of 40 mph or less, $L = WS^2/60$
For speed of 45 mph or more, $L = WS$

Where: L = Taper length in feet
W = Width of offset in feet
S = Posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

** - Use for taper and tangent sections where there are no pavement markings or where there is a conflict between existing pavement markings and channelizers (CA).

TABLE 2

SPEED *	Min D **	DOWNGRADE Min D ***		
		-3%	-6%	-9%
		ft	ft	ft
mph	ft	ft	ft	ft
20	115	116	120	126
25	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
55	495	520	553	593
60	570	598	638	686
65	645	682	728	785
70	730	771	825	891
75	820	866	927	1003

* - Speed is posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

** - Longitudinal buffer space or flagger station spacing

*** - Use on sustained downgrade steeper than -3 percent and longer than 1 mile.

TABLE 3

ROAD TYPE	DISTANCE BETWEEN SIGNS *		
	A	B	C
	ft	ft	ft
URBAN - 25 mph OR LESS	100	100	100
URBAN - MORE THAN 25 mph TO 40 mph	250	250	250
URBAN - MORE THAN 40 mph	350	350	350
RURAL	500	500	500
EXPRESSWAY / FREEWAY	1000	1500	2640

* - The distances are approximate, are intended for guidance purposes only, and should be applied with engineering judgment. These distances should be adjusted by the Engineer for field conditions, if necessary, by increasing or decreasing the recommended distances.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM TABLES
FOR LANE AND RAMP CLOSURES**

NO SCALE

T9

2018 STANDARD PLAN T9

TYPICAL RAMP CLOSURES

SIGN PANEL SIZE (Min)

- A 48" x 48"
- B 48" x 30"
- C 36" x 36"
- D 48" x 36"

LEGEND

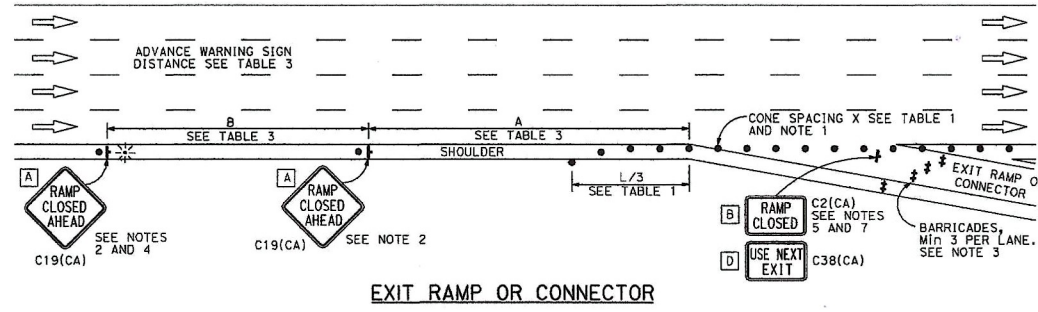
- TRAFFIC CONE
- ⬇️ TEMPORARY TRAFFIC CONTROL SIGN
- ⚡ BARRICADES
- ⚡ PORTABLE FLASHING BEACON

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

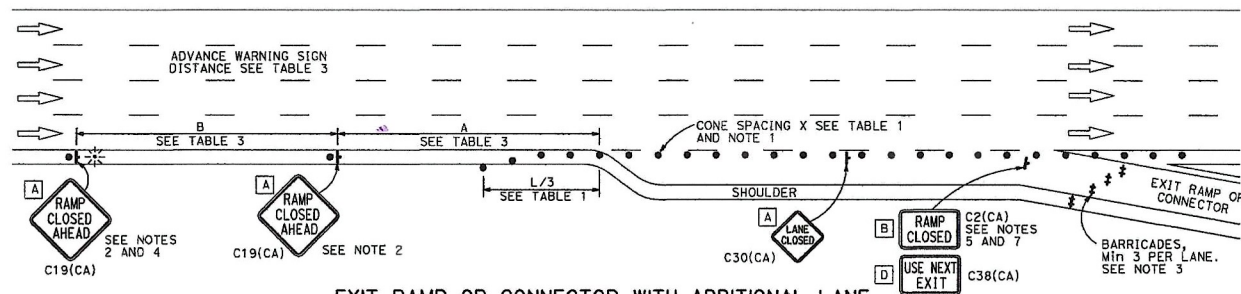
Atifa Ferouz
 REGISTERED CIVIL ENGINEER
 No. CB0402
 Exp. 3-31-19
 CIVIL
 STATE OF CALIFORNIA

May 31, 2018
 PLANS APPROVAL DATE

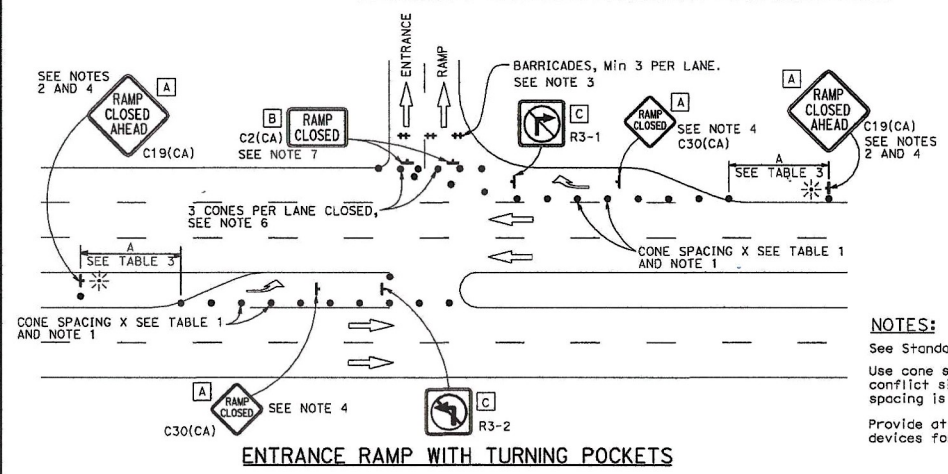
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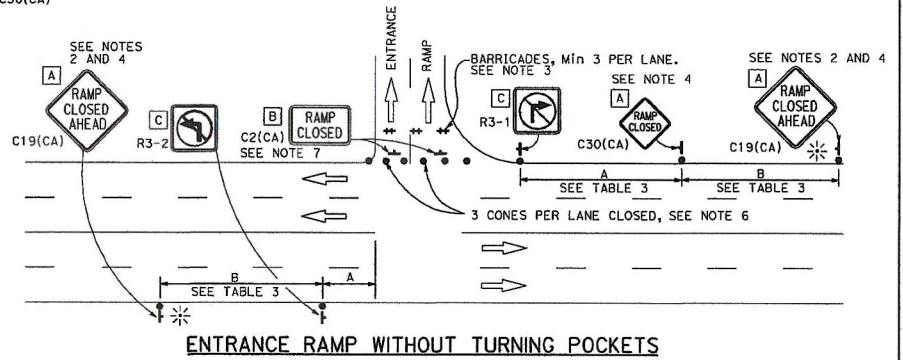
EXIT RAMP OR CONNECTOR



EXIT RAMP OR CONNECTOR WITH ADDITIONAL LANE



ENTRANCE RAMP WITH TURNING POCKETS



ENTRANCE RAMP WITHOUT TURNING POCKETS

NOTES:

1. See Standard Plan T9 for tables.
2. Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.
3. Provide at least one person to continuously maintain traffic control devices for lane closures.

NOTES:

1. Portable delineators placed at one-half the spacing indicated for traffic cones may be used instead of cones for daytime closures only.
2. Each advance warning C19(CA) "RAMP CLOSED AHEAD" sign shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. A flashing beacon shall be placed on top of the first C19(CA) sign during hours of darkness.
3. Barricades shall be Type I, II or III for closures lasting one week or less and Type III for closures lasting longer than one week.
4. In addition to placing the C19(CA) "RAMP CLOSED AHEAD" and C30(CA) "RAMP CLOSED" signs, black on orange overlay plates with the word "closed" may be mounted. As directed by the Engineer on all guide signs that refer to the closed ramp. The letter size on the overlay shall be the same as the guide sign.
5. The existing "EXIT" signs shall be covered during ramp closures.
6. A minimum of 3 cones shall be placed transversely across each closed lane and shoulder.
7. C2(CA) sign shall be black and white.

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM
 FOR RAMP CLOSURE**
 NO SCALE

T14

2018 STANDARD PLAN T14