

EXHIBIT A

Traffic Control Plans

Utility Access, Repairs & Improvements

Road Closure

Rogers Road

City of Patterson, CA

Contractor:



GENERAL NOTES

1. These traffic control plans conform to the latest edition of the MUTCD manual & are intended for use by trained & licensed traffic controllers/supervisors, with the addition of proper traffic devices and the knowledge of using them at all times.
2. The location, spacing & placement of the signs/channelizers within these plans are guidelines and may differ from actual field setup/conditions, depending on Grade, Alignment, posted speed & intersections.
3. Contractor shall notify all affected by traffic setup including local fire & law enforcement, ambulance services, public services, residents & business within 72 hours before the start of any work.
4. All job sites shall appoint a designated person(s) to maintain & uphold that the traffic control is maintained to meet standards at all times and to provide any accommodations for non-motorists.
5. Pedestrian & disabled access shall be maintained at all times. Follow Local guidelines and/or MUTCD standards.
6. All signage shall conform to local agency standards or per the MUTCD manual. During non-working hours signage & channelizers shall be removed or covered.
7. A minimum 10' (ten feet) travel lanes must be maintained at all times.
8. No Personal or equipment shall be within the buffer zone or transition areas at all times.
9. NIGHT WORK: All signage and channelizers shall be outfitted with retroreflective and meet the standards of the local agency or per MUTCD. Flashing Beacons/lights shall be used. Any flaggers shall meet code and be illuminated during non visible hours.
10. Temporary traffic control plans are valid only in conjunction with a permit issued by the public works department or the local controlling authority's. A temporary traffic control plan itself is not a permit to perform work.
11. Contact underground service alert (811) 48 hours prior to any underground work.



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~ RECOMMENDED ADVANCED WARNING SIGN & CHANNILIZER SPACING (Table "A")

MUTCD Table (6C-1,2,3,4 & 6F-101) Data Based On 10'-11'-12' Lane Offsets. Field Adjustments May Be Required.

Posted Speed Limit (mph)	Sign Spacing	Shoulder Taper 10'- 11'- 12'	Shifting Taper 10'- 11'- 12'	Merging Taper 10'- 11'- 12'	Buffer Space	Max Cone Spacing			Taper Formula
						Taper	Tangent	Conflict	
25	100'	35'- 39'- 42'	53'- 58'- 63'	105'- 115'- 125'	155'	25'	50'	12'	L = $\frac{WS^2}{60}$
30	250'	50'- 55'- 60'	75'- 83'- 90'	150'- 165'- 180'	200'	30'	60'	15'	
35	250'	69'- 75'- 82'	103'- 113'- 123'	200'- 225'- 245'	250'	35'	70'	17'	
40	250'	89'- 98'- 107'	134'- 147'- 160'	267'- 294'- 320'	305'	40'	80'	20'	
45	350'	150'- 165'- 180'	225'- 248'- 270'	450'- 495'- 540'	360'	45'	90'	22'	L = WS
50	500'	167'- 184'- 200'	250'- 275'- 300'	500'- 550'- 600'	425'	50'	100'	25'	
55	500'	184'- 202'- 220'	275'- 303'- 330'	550'- 605'- 660'	495'	55'	110'	27'	
60	1000'+	200'- 220'- 240'	300'- 330'- 360'	600'- 660'- 720'	570'	60'	120'	30'	
65	1000'+	217'- 238'- 260'	325'- 358'- 390'	650'- 715'- 780'	645'	65'	130'	32'	

*Data Is Based On Peak 85th Percentile Speed Prior To The Start Of Work And/Or Anticipated Operating Speeds (MPH).
L = Taper Length(ft). S = Posted Speed. W = Width Of Offset (ft)

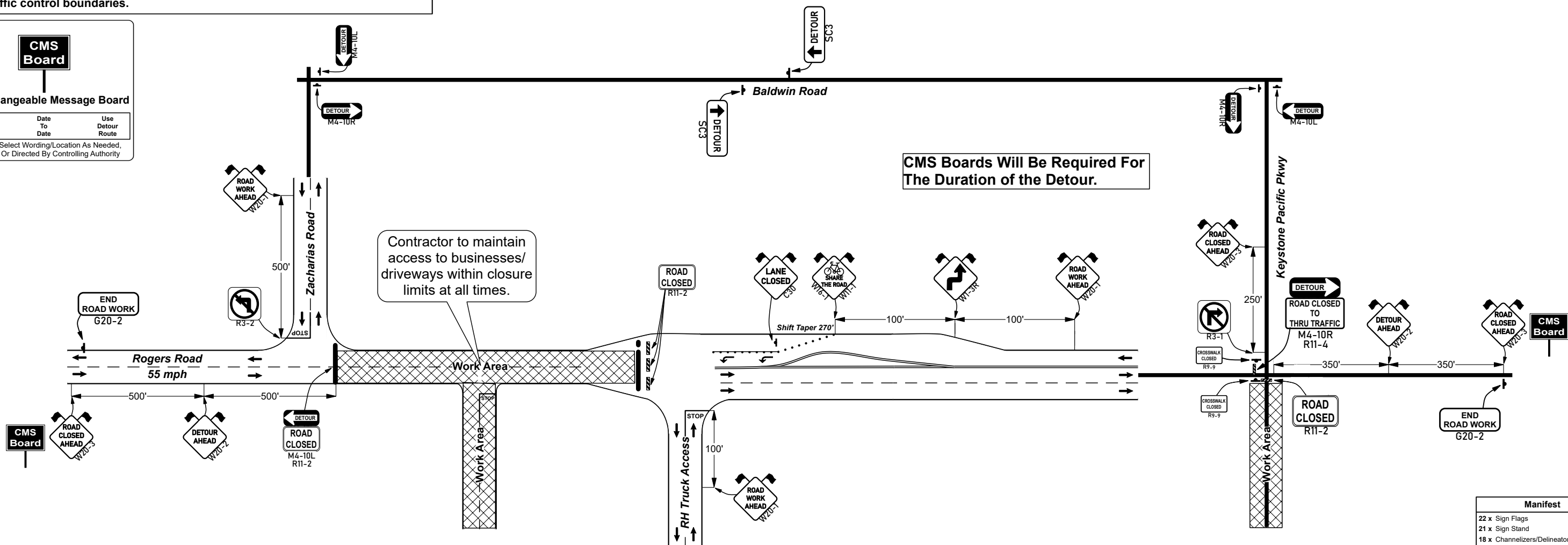
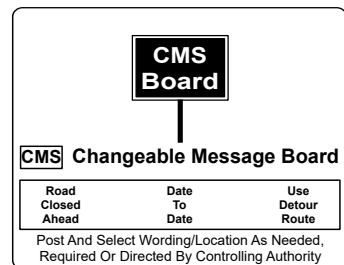
SEE GENERAL NOTES ON COVER PAGE.

NOTES:

- Contractor shall maintain access to all driveways, pedestrians & emergency vehicles within the affected area's, unless otherwise noted.
- Contractor shall maintain a safe "ADA" compliant accessible pedestrian travel way at all times & have a designated escort to assist if needed.
- Contractor shall perform all appropriate measures to uphold the safety of any bicyclists within the affected areas.
- Contractor shall post temporary "No Parking" signage within all affected areas 72 hours before the start of work. notify all affected residents/businesses.
- Contractor may remove or reduce the control zone when the affected area is no longer needed.
- Place W20-1 sign on any side street or high volume driveway that is within the traffic control boundaries.

General Notes:

- Contractor to provide detailed schedule pertaining to the closure prior to approval of TCP.
- Road closures are required to be approved by City Council.
- Contractor to be cognizant of timeline for City Council approval.
- Road closure requests are required to be submitted two weeks in advance of City Council meeting.
- Contractor shall notify residents and businesses in the Project vicinity of the impending closure.
- Notifications will need approval of City Staff and are required in English/Spanish.



Contractor to maintain access to businesses/ driveways within closure limits at all times.

CMS Boards Will Be Required For The Duration of the Detour.

Manifest	
22 x	Sign Flags
21 x	Sign Stand
18 x	Channelizers/Delineators (+/-)
6 x	Type 3 Barricade
3 x	M4-10L Detour Left
3 x	M4-10R Detour Right
3 x	R11-2 Road Closed
3 x	W20-1 Road Closed Ahead
3 x	W20-3 Road Closed Ahead
2 x	CMS Changeable Message Sign
2 x	G20-2 End Road Work
2 x	SC3 Detour Straight
2 x	W20-2 Detour Ahead
1 x	C30 Lane Closed
1 x	R11-4 Road Closed To Thru Traffic
1 x	R3-1 No Right Turn
1 x	R3-2 No Left Turn
1 x	W1-3R Lane Shift Right
1 x	W11-1(CA) Share The Road Combo

Legend	
	Channelizers/Delineators (+/-)
	CMS Changeable Message Sign
	K-Rail
	Sign Stand
	Type 3 Barricade
	Work Area

	Teichert Construction Utility Access, Repairs & Improvements Rogers Road City of Patterson, CA	WORKING HOURS - Job/P.O. # - Date Created - 2/5/2025 Drawing Not To Scale	Contractor Shall Maintain Access To All Residents, Businesses, Pedestrians & Emergency Vehicles At All Times Contractor may implement the use of flagger(s) when needed or directed depending on vehicle speeds, volume & road conditions to help slow or stop traffic. C9A & W3-4 signage in addition to this plan, shall be spaced in all directions (See "Table A" & General Notes).
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 EXP. 2/12/2027
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