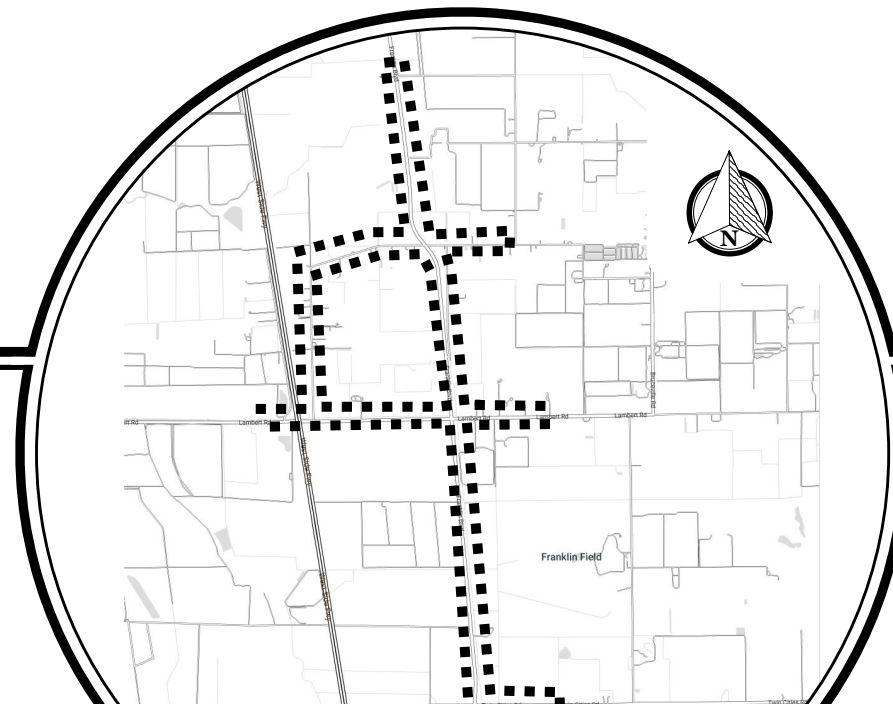


TRAFFIC CONTROL PLAN

PIPELINE INSTALLATION FRANKLIN BLVD, TWIN CITIES RD, LAMBERT RD, & POINT PLEASANT RD SACRAMENTO COUNTY CALTRANS



McAlister Engineering, Inc.
2351 Sunset Blvd Ste 170, #174,
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1847 IRON POINT RD #100
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EMERGENCY CONTACT:
BILLY YOUNGMAN
(916) 202-2324
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4680 WEST CAPITOL AVE
WEST SACRAMENTO, CA 95691
(916) 920-3304

SHEET NO:
CAL-01

GENERAL NOTES:

1. MAINTAIN A FULL AND CLEAR OPEN LANE TEN (10'+) FOOT MINIMUM DURING CONSTRUCTION HOURS. KEEP ACCESS FOR EMERGENCY VEHICLES, PUBLIC SERVICES, REGIONAL TRANSIT, BUSINESS AND RESIDENTS MAINTAINED AT ALL TIMES. ALL LANES SHALL BE OPEN DURING NON-WORKING HOURS.
2. SIGN SPACING AND TAPERS BASED ON 55 MPH = 500'; REFER TO AND USE CA/MUTCD 03/10/2023, REV7, 2023 CALTRANS 2023 STANDARD PLANS AND SPECIFICATIONS AS A MINIMUM STANDARD AND BE IN COMPLIANCE WITH LOCAL CITY/COUNTY/STATE REQUIREMENTS. REMOVE OR COVER CONFLICTING SIGNS.
3. MUST ALWAYS MONITOR AND MAINTAIN TRAFFIC CONTROL ZONES AT ALL TIMES. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL NOT BLOCK TRAVELWAY.
4. ALL SIGNAGE AND CHANNELIZERS TO BE VISIBLE TO APPROACHING MOTORISTS FOR A MINIMUM OF 1000'. NIGHT WORK: ALL SIGNAGE AND CHANNELIZERS TO BE NIGHT VISIBLE RETROREFLECTIVE TO APPROACHING MOTORISTS FOR A MINIMUM OF 1000' FEET. SIGNAGE IS TO BE FLAGGED AND/OR LIGHTED. SIGNS SHALL BE DESIGNED AND COMMERCIALY MANUFACTURED IN ACCORDANCE WITH THE MOST RECENT CALTRANS STANDARD SPECIFICATIONS AND THE CA/MUTCD.
5. THE LOCATION OF THE SIGNS SHOWN ON THIS ILLUSTRATION ARE GUIDELINES AND ACTUAL LOCATIONS WILL DEPEND UPON ALIGNMENT (CURVES), GRADE (HILLS), LOCATION OF STREET INTERSECTIONS AND 85TH PERCENTILE / POSTED SPEED LIMITS / PRIMA FACIE. TEMPORARY TRAFFIC CONTROL SIGNAGE TO BE REMOVED OR COVERED DURING NON-WORKING HOURS. FIELD ADJUST AS NEEDED BY THE TRAINED TRAFFIC CONTROL TECHNICIAN AND/OR CONTROLLING AUTHORITY.
6. POST BUMP SIGNAGE (W8-1) AS NEED, REQUIRE, DIRECTED BY CONTROLLING AUTHORITY.
7. FLAGGER TO BE COMPETENT, TRAINED AND QUALIFIED/CERTIFIED PER CAL OSHA/CALTRANS REGULATIONS, AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA), NATIONAL SAFETY COUNCIL (NSC). FLAGGERS TO MAINTAIN VISUAL AND/OR RADIO CONTACT AT ALL TIMES. EACH FLAGGER SHALL BE ILLUMINATED BY A LIGHT PLANT DURING HOURS OF DARKNESS.
8. NOTIFY AND COORDINATE WITH CITY / COUNTY / STATE TRAFFIC ENGINEER WHEN ANY WORK IS PERFORMED WITHIN TWO HUNDRED FEET (200') OF ANY SIGNALIZED INTERSECTION.
9. NOTIFY POLICE DEPARTMENTS, FIRE DEPARTMENTS, PUBLIC SERVICES, REGIONAL TRANSIT, BUSINESS AND/OR RESIDENTS PRIOR TO ANY SHOULDER CLOSURE, LANE CLOSURE AND/OR ROAD CLOSURE.
10. NO CONSTRUCTION EQUIPMENT ALLOWED IN THE BUFFER ZONE AND/OR THE TRANSITION AREA AT ANY TIME.
11. ADVANCE WARNING SIGNAGE SHALL BE SIZES 48" X 48", ON ORANGE BACKGROUND WITH BLACK LETTERING.
12. CHANNELING DEVICES, INDIVIDUAL SPACING AND TAPER LENGTHS ARE BASED ON THE APPROPRIATE MEASUREMENTS RESPECTIVE TO THE CHART (SEE CHART A LISTED WITHIN THESE PLANS).

TABLE A/CHART A CALTRANS STANDARD PLAN T9 / CA MUTCD (Table 6C-1,2,3&4) ADJUST IF DIFFERENT

TAPER L FORMULA	SPEED MPH	SIGN SPACING	MERGING TAPER 10' - 11' - 12'	SHIFTING TAPER 10' - 11' - 12'	SHOULDER TAPER 10' - 11' - 12'	BUFFER SPACE	CONE SPACING		
							TAPER	TANGENT	CONFLICT
$L = \frac{WS^2}{60}$	20	100'	66' - 74' - 80'	33' - 37' - 40'	22' - 25' - 27'	115'	20'	40'	10'
	25	100'	105' - 115' - 125'	53' - 58' - 63'	35' - 39' - 42'	155'	25'	50'	12'
	30	250'	150' - 165' - 180'	75' - 83' - 90'	50' - 55' - 60'	200'	30'	60'	15'
	35	250'	205' - 225' - 245'	103' - 113' - 123'	69' - 75' - 82'	250'	35'	70'	17'
L = WS	40	250'	267' - 294' - 320'	134' - 147' - 160'	89' - 98' - 107'	305'	40'	80'	20'
	45	350'	450' - 495' - 540'	225' - 248' - 270'	150' - 165' - 180'	360'	45'	90'	22'
	50	500'	500' - 550' - 600'	250' - 275' - 300'	167' - 184' - 200'	425'	50'	100'	25'
	55	500'	550' - 605' - 660'	275' - 303' - 330'	184' - 202' - 220'	495'	50'	100'	25'
	60	1000'	600' - 660' - 720'	300' - 330' - 360'	200' - 220' - 240'	570'	50'	100'	25'
	65	1000'	650' - 715' - 780'	325' - 358' - 390'	217' - 238' - 260'	645'	50'	100'	25'
	70	1000'	700' - 770' - 840'	350' - 385' - 420'	233' - 257' - 280'	730'	50'	100'	25'
	75	1000'	750' - 825' - 900'	375' - 413' - 450'	250' - 275' - 300'	820'	50'	100'	25'
BOTH ARE BASED ON 85TH PERCENTILE OR IF NOT AVAILABLE, THEN USE THE POSTED SPEED LIMIT			S = SPEED L = TAPER LENGTH W = WIDTH OFFSET WIDTH OF PATH OF TRAVEL			CONES SHOWN ON THE TEMPLATES ARE FOR ILLUSTRATIONS PURPOSES ONLY. EXACT NUMBER OF CONES REQUIRED SHALL BE BASED ON ACTUAL FIELD CONDITIONS, ECT....			

LEGEND	
	WORK AREA
	BUFFER SPACE
	POST NO PARKING
	EXISTING LANE WIDTH
	MINIMUM WIDTH - CLEAR LANE
	SIGN
	SIGN FLAGS
	CHANNELIZING DEVICE

SPECIAL SIGNS	
SP6	LAMBERT RD WEST
SP10	LAMBERT RD EAST
SP12	OPEN TO LOCAL RESIDENTS AND EMERGENCY SERVICES ONLY

STOPPING SIGHT DISTANCE ON A DOWNGRADE

SPEED (MPH)	0%	-3%	-6%	-9%
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'



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CONTRACTOR:	SUKUT CONSTRUCTION
EMERGENCY CONTACT:	BILLY YOUNGMAN (916) 202-2324 BYOUNGMAN@SUKUT.COM
AGENCY:	CALTRANS
LOCATION:	VARIOUS
SCALE:	DRAWING NOT TO SCALE

START DATE:	
WORK HOURS:	MON TO FRI - 7AM TO 7PM SAT & SUN - 8AM TO 6PM
DURATION:	+/-1.5 YEARS
DWG:	GENERAL NOTES
JOB #:	1509
DATE:	2/6/24



4680 WEST CAPITOL AVE
WEST SACRAMENTO, CA 95691
(916) 920-3304




REVISIONS			
REV	DESCRIPTIONS	BY	DATE

SHEET NO:

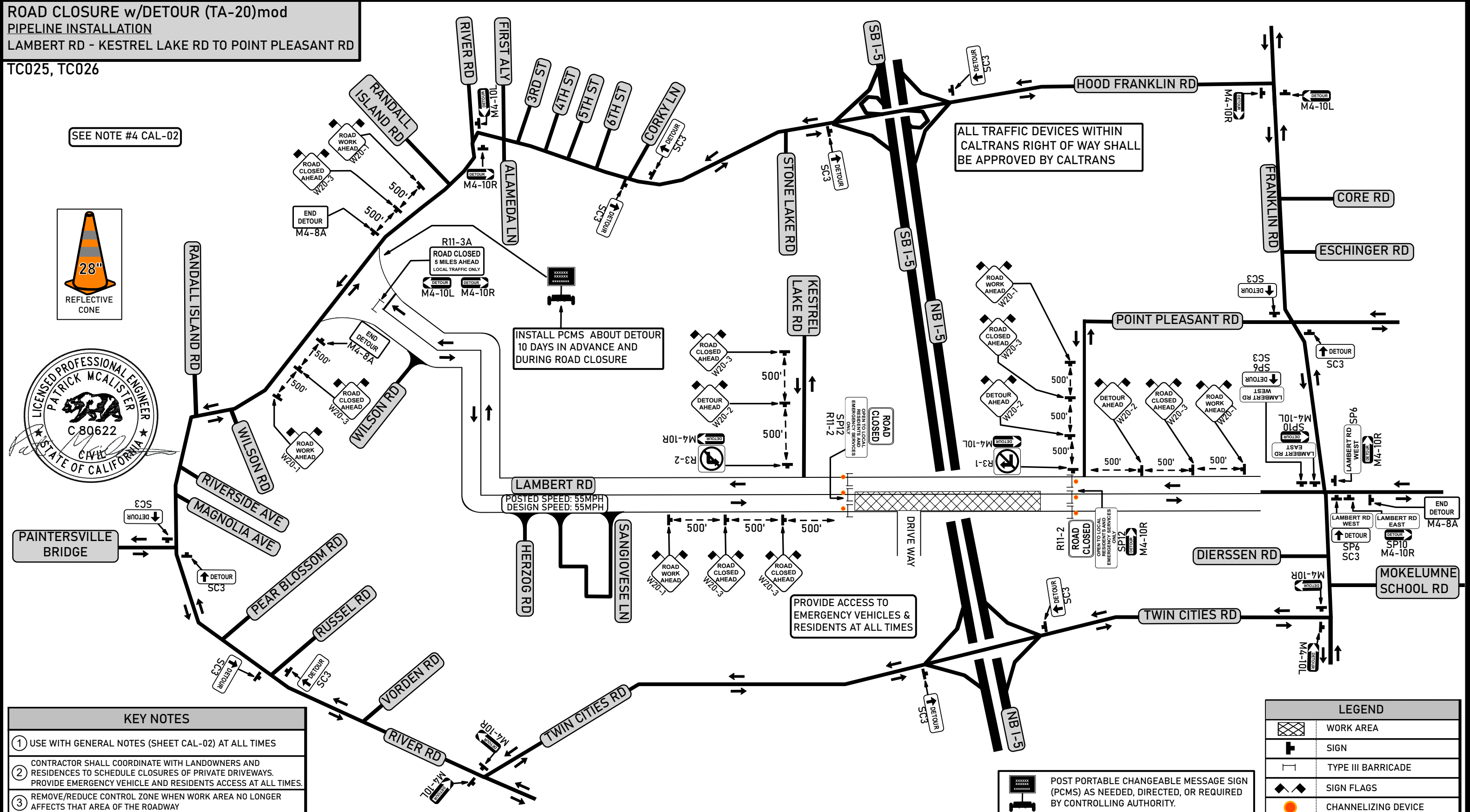
CAL-02

TC025, TC026












28"

REFLECTIVE
CONE



KEY NOTES	
①	USE WITH GENERAL NOTES (SHEET CAL-02) AT ALL TIMES
②	CONTRACTOR SHALL COORDINATE WITH LANDOWNERS AND RESIDENCES TO SCHEDULE CLOSURES OF PRIVATE DRIVEWAYS. PROVIDE EMERGENCY VEHICLE AND RESIDENTS ACCESS AT ALL TIMES.
③	REMOVE/REDUCE CONTROL ZONE WHEN WORK AREA NO LONGER AFFECTS THAT AREA OF THE ROADWAY

LEGEND	
	WORK AREA
	SIGN
	TYPE III BARRICADE
	SIGN FLAGS
	CHANNELIZING DEVICE

 <div> 1847 IRON POINT RD #100 FOLSOM, CA 95630 (714) 540-5351 </div>	CONTRACTOR:	SUKUT CONSTRUCTION	START DATE:		 <div> 4680 WEST CAPITOL AVE WEST SACRAMENTO, CA 95691 (916) 920-3304 </div>		REVISIONS			 SHEET NO. 03 CAL -	
	EMERGENCY CONTACT:	<u>BILLY YOUNGMAN</u> (916) 202-2324 BYOUNGMAN@SUKUT.COM	WORK HOURS:	MON TO FRI - 7AM TO 7PM SAT & SUN - 8AM TO 6PM			REV	DESCRIPTIONS	BY		DATE
	AGENCY:	CALTRANS	DURATION:	+/-1.5 YEARS							
	LOCATION:	LAMBERT RD	DWG:	ROAD CLOSURE w/DETOUR							
	SCALE:	DRAWING NOT TO SCALE	JOB #:	1509							
			DATE:	11/28/23							