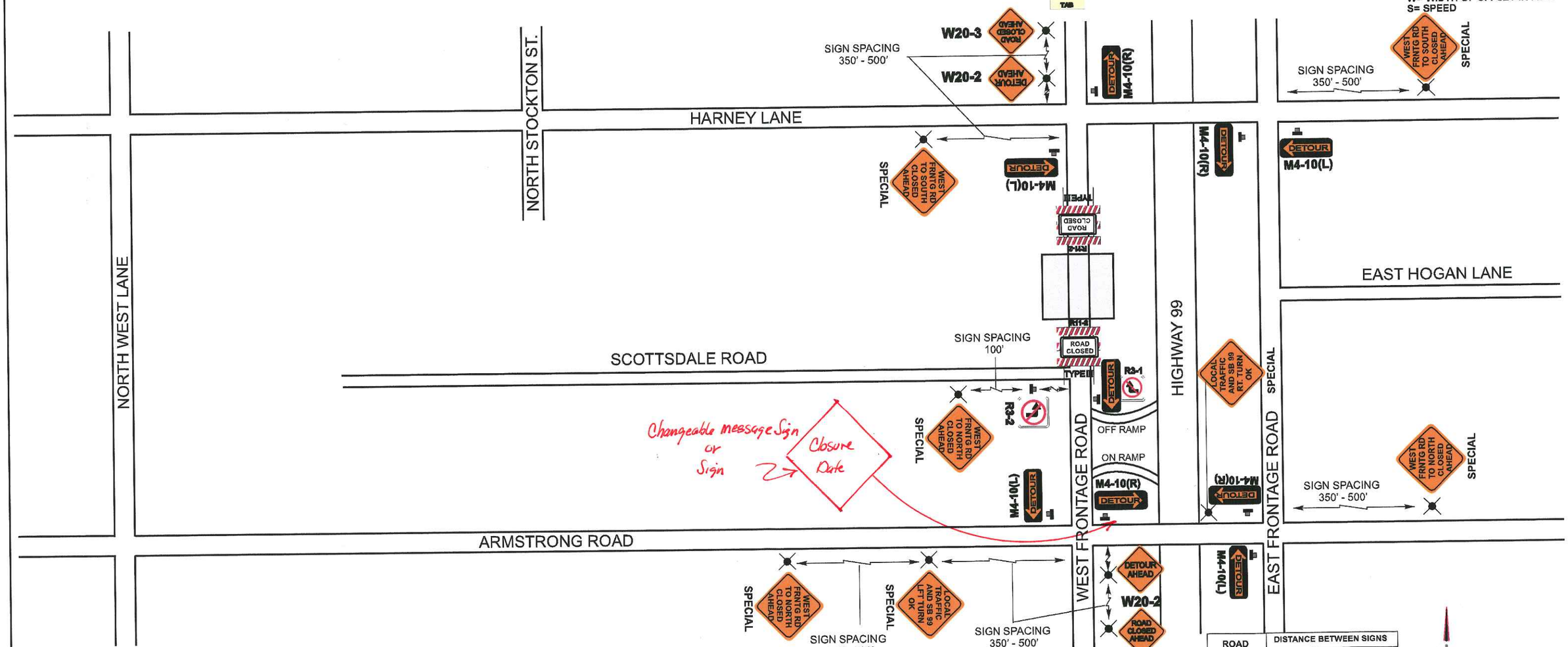
CITY OF LODI
REYNOLDS RANCH
PHASE ONE STREET IMPROVEMENTS

SPEED	MIN. MERGING TAPER LENGTH (L) IN FEET				MINIMUM NUMBER OF DEVICES				MAX. DEVICE SPACING IN FEET		BUFFER SPACE
	LANE WIDTH (W) IN FEET				LANE WIDTH IN FEET						
MPH	9	10	11	12	9	10	11	12	ALONG TAPER	ALONG TANGENT	BUFFER SPACE
25 OR BELOW	95	105	115	125	5	6	6	6	25	50	155
30	135	150	165	180	6	6	7	7	30	60	200
35	185	205	225	245	7	7	8	8	35	70	250
40	240	270	295	320	7	8	9	9	40	70	305
45	405	450	495	540	10	11	12	13	45	80	360
TAB 50	450	500	550	600	10	11	12	13	50	90	425
55	495	550	605	660	10	11	12	13	55	100	495
60	540	600	660	720	10	11	12	13	60	110	570
65	585	650	715	780	10	11	12	13	65	120	645
70	630	700	770	840	10	11	12	13	70	130	730
75	675	750	825	900	10	11	12	13	75	140	820
80	720	800	880	960	10	11	12	13	80	150	
		TAB									

TYPE OF TAPER	TAPER LENGTH
MERGING TAPER	L MINIMUM
SHIFTING TAPER	½ L MINIMUM
SHOULDER TAPER	1/3 L MINIMUM
TWO WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET MINIMUM

FORMULAS FOR L *
40 MPH OR LESS $L=WxS^2/60$
45 MPH OR GREATER $L=WxS$
L= TAPER LENGTH IN FEET
W= WIDTH OF OFFSET IN FEET
S= SPEED



ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A	B	C
URBAN (LOW SPEED) < 30	100	100	100
URBAN (HIGH SPEED) 35 - 45	350	350	350
RURAL 50 - 60	500	500	500
FREEWAY > 65	1000	1000	1000

ADVANCE WARNING SIGNS MAY-BE

NOT TO SCALE

Notes

1. THIS JOB IS EXPECTED TO TAKE 60 DAYS
2. WORK PREFORMED IS FOR CITY OF LODI
3. WORK HOURS WILL BE FROM 7 a.m. TO 4 p.m.
4. TWENTY FOUR HOUR CONTACT FOR THIS JOB WILL BE: DREW BORIOLO 209-649-7871

DIGALERT 1-800-227-2600

Contractor Instructions

1. All traffic control devices shall conform to the latest edition of California Manual on Uniform Traffic Control Devices (MUTCD) and the Standard Specifications for Public Works.
2. The City Engineer or his representative has the authority to initiate field changes to assure public safety.
3. All traffic control devices shall be removed from view when not in use.
4. Work hours shall be restricted to between 7:00 a.m. And 5:00 p.m. Unless approved otherwise.
5. Trenches must be back filled or plated during non-working hrs.
6. Pedestrian controls shall be provided as shown on the plans.
7. Temporary "NO PARKING" signs will be posted 24 hours prior to commencing work if required.
8. Access to driveways will be maintained at all times unless other arrangements are made.
9. The contractor shall replace within 72 hours, all traffic signal loop detectors damaged during construction.
10. All striping removed or damaged, will be replaced by the contractor within 24 hours (or replaced with temporary tape).
11. All workers shall be equipped with an orange vest (or a reflective vest at night). All flaggers shall also be equipped with a hard hat, C28 "Stop/Slow " paddle and shall be trained in the proper fundamentals of flagging traffic.
12. Any work that disturbs normal traffic signal operations shall be coordinated with the City of Lodi Traffic Division, 48 hours prior to beginning of construction.
13. The contractor shall maintain all traffic control devices 24 hours per day and 7 days a week.
14. A minimum of ten (10) foot travel lanes must be maintained unless otherwise approved by the Department of Public Works.

LEGEND

- 28" TRAFFIC CONE
- SPRING STAND
- TYPE 1 BARRICADE
- WORK AREA

ALWAYS THERE ALWAYS READY
TRENCH PLATE RENTAL CO
SHORING AND SAFETY SPECIALISTS
800-548-0688

Project Name: REYNOLDS RANCH STREET IMPRV.
Prime Contractor: DSS COMPANY
Phone: 209-948-0302
BRANCH: SACRAMENTO
ATBA CONT #: 0051057
ORIGINAL

TRAFFIC REQUIREMENT

1. WILL BACKFILL OR PLATE DURING NON-WORKING HOURS.
2. MUST PROVIDE DUST CONTROL DURING CONSTRUCTION.
3. SHALL NOTIFY ANY/ALL EMERGENCY AGENCIES, BUSINESSES AND RESIDENTS AFFECTED.
4. SHALL MAINTAIN 10' MINIMUM TRAVEL LANES.
5. SHALL PROVIDE ACCESS TO RESIDENTS AND BUSINESSES AT ALL TIMES.
6. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE CALIFORNIA MUTCD AND WATCH MANUAL STANDARDS.
7. NIGHT WORK ADVANCE WARNING SIGNS SHALL BE HIGH INTENSITY.

R.C.E.

CITY OF LODI, CALIFORNIA
TRAFFIC CONTROL

DRAWN BY: Brian Rasler
DESIGNED BY: Brian Rasler
CHECKED BY:
APPROVED BY:
DATE:
CITY TRAFFIC ENGINEER R.C.E.

SCALE: AS NOTED
DATE: 3/7/08
DRAWING NO: SA 421 1/1