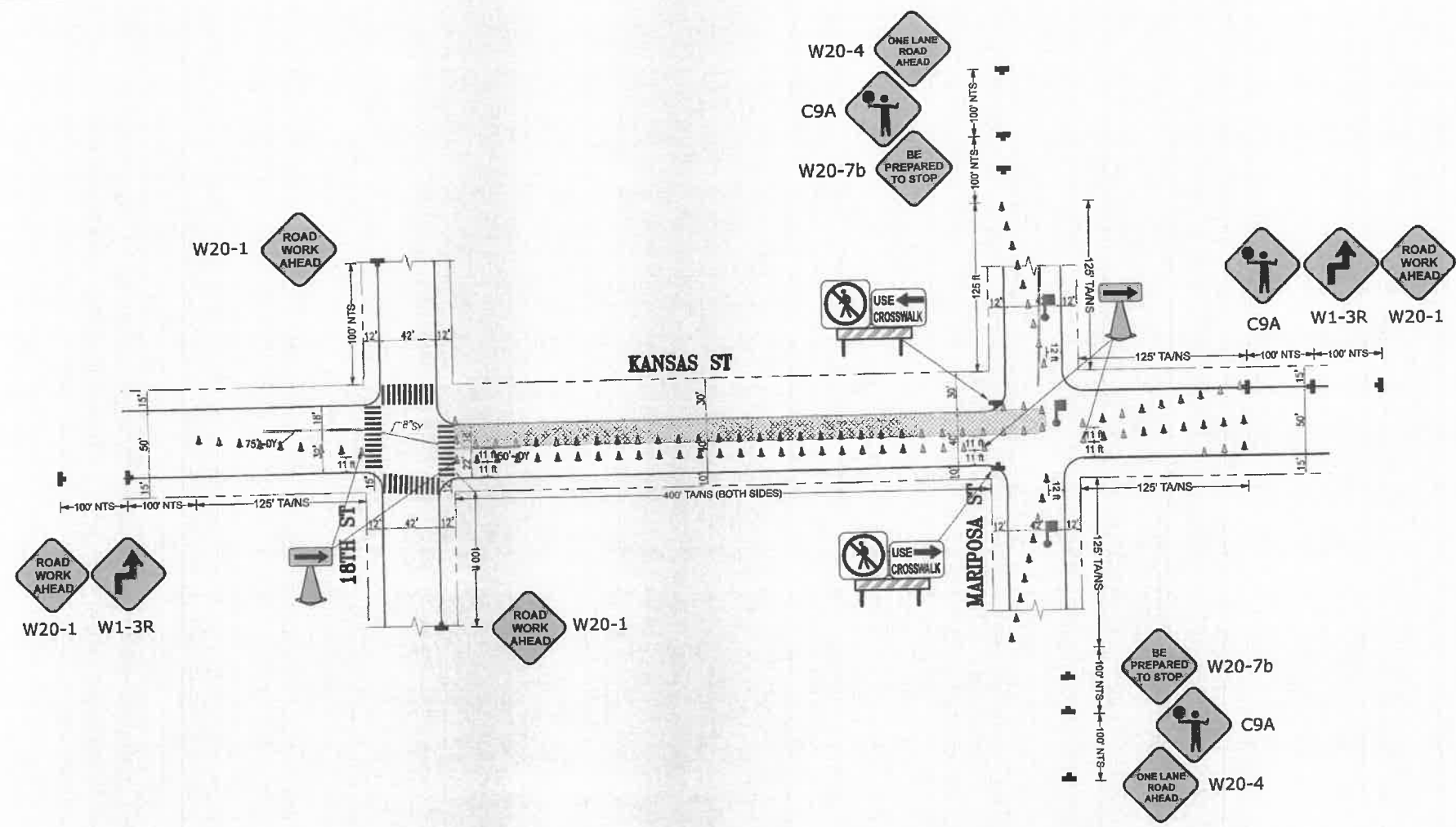


STREET	TIME	NORTHBOUND	SOUTHBOUND	EASTBOUND	WESTBOUND
<b>During Sewer Construction</b>					
Arkansas, De Haro, Kansas	8AM - 6PM At Other Times	1 @ 11' Full Roadway	1 @ 11' Full Roadway		
Henry Adams, 17th St. & Kansas	9AM - 4PM (M-F) 8AM - 6PM (S/S) At Other Times	-	-	1 @ 12' Reversible; 1 @ 12' Reversible; Full Roadway	
19th & 20th Sts. at Vermont, 16th & Mariposa at Kansas St	8AM - 6PM At Other Times	-	-	1 @ 12' Reversible; Full Roadway	

TRAFFIC CONTROL PLAN  
2792J VARIOUS LOCATIONS #37  
SEWER WORK - KANSAS ST FROM 18TH ST TO MARIPOSA ST



NOTED FOR THE OWNER  
1. ALL TRAFFIC CONTROL DEVICES SHALL BE RETROREFLECTIVE IF SETUP DURING HOURS OF DARKNESS.  
2. CONTRACTOR TO VERIFY EXISTING STRIPING IS ACCURATE PRIOR TO START OF WORK.  
3. ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF CA MUTCD.  
4. ALL TRAFFIC CONTROL DEVICES SHALL BE RETROREFLECTIVE IF SETUP DURING HOURS OF DARKNESS.  
5. SEWER RELATED WORK IS ALLOWED UP TO ONE (1) BLOCK AND ONE (1) ADJACENT INTERSECTION AT A TIME.  
6. CONTRACTOR CAN CLOSE ONE (1) CROSSWALK AT ANY ONE TIME AS LONG AS ONE (1) FLAGPERSON IS PROVIDED.  
7. SEWER LINING AND MORTARING IS ALLOWED UP TO ONE (1) BLOCK AND THE TWO (2) ADJACENT INTERSECTIONS.  
Submitted by: [Signature]  
San Francisco Municipal Transportation Agency  
City and County of San Francisco  
By: KJVW Date: 2/17/19

Table 6C-3(CA) Taper Length Criteria for Temporary Traffic Control Zones (for 12 feet Offset Width)

Speed S (mph)	Margin L (feet)	Shifting L2 (feet)	Shoulder L3 (feet)	Clear Stream (feet)
20	80	40	27	10
25	100	50	33	13
30	125	63	42	16
35	150	75	51	19
40	175	88	60	22
45	200	100	69	25
50	225	113	78	28
55	250	125	87	31
60	275	138	96	34
65	300	150	105	37
70	325	163	114	40

Table 6C-1(CA) Maximum Spacing of Channelizing Devices

Speed (mph)	Taper (feet)	Tangent (feet)	Offset (feet)
20	70	40	10
25	85	48	12
30	100	57	14
35	115	66	16
40	130	75	18
45	145	84	20
50	160	93	22
55	175	102	24
60	190	111	26
65	205	120	28
70	220	129	30

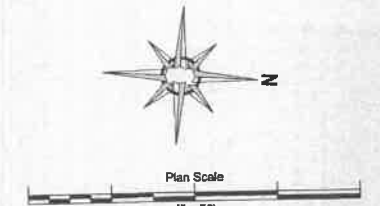


Table 6C-1 Recommended Advance Warning Sign Minimum Spacing

Road Type	A	B	C
Urban (high speed) - more than 25 mph to 40 mph	100 feet	175 feet	200 feet
Urban (high speed) - more than 40 mph	200 feet	350 feet	400 feet
Urban (high speed) - more than 40 mph	300 feet	525 feet	600 feet
Urban (high speed) - more than 40 mph	400 feet	700 feet	800 feet
Urban (high speed) - more than 40 mph	500 feet	875 feet	1000 feet
Urban (high speed) - more than 40 mph	600 feet	1050 feet	1200 feet
Urban (high speed) - more than 40 mph	700 feet	1225 feet	1400 feet
Urban (high speed) - more than 40 mph	800 feet	1400 feet	1600 feet
Urban (high speed) - more than 40 mph	900 feet	1575 feet	1800 feet
Urban (high speed) - more than 40 mph	1000 feet	1750 feet	2000 feet

**Legend**

- Channelizer
- 28" Traffic Cone
- Work Area
- Sign and Stand
- Type III Barricade (Plain View)
- ADA Pedestrian Barricades
- NTS Not To Scale
- T/ANS Tow-Away/No Stopping
- Crash Cushion
- Flagger
- Water Filled Barrier



**CMC**  
TRAFFIC CONTROL  
SPECIALISTS, INC.

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LICENSE NO 792059  
CLASS A, 31, C21  
WRE/SBE/LBE/DSE CERTIFIED  
WWW.CMCTRAFFIC.COM

Date: 1/10/2019 Author: KR/DD Project: 2792J  
CLIENT: PRECISION Owner: SFPDW Location: SAN FRANCISCO  
TCP: 037 CMC Job #: 1812 REV: 0

**Comments:**

- 1) WORK HOURS. 8AM - 6PM
- 2) CONTRACTOR TO VERIFY EXISTING STRIPING IS ACCURATE PRIOR TO START OF WORK.
- 3) ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF CA MUTCD.
- 4) ALL TRAFFIC CONTROL DEVICES SHALL BE RETROREFLECTIVE IF SETUP DURING HOURS OF DARKNESS.
- 5) SEWER RELATED WORK IS ALLOWED UP TO ONE (1) BLOCK AND ONE (1) ADJACENT INTERSECTION AT A TIME.
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