

**Table A-1**  
Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length
Upstream Tapers	L MINIMUM
Merging Taper	1/2 L Minimum
Shifting Taper	1/3 L Minimum
Shoulder Taper	100 feet Maximum
Two-Way Traffic Taper	100 feet Maximum
Downstream Tapers (Use is optional)	100 feet Minimum

Formula for Taper Length 'L'

$$L = \frac{WS^2}{60} \quad (40 \text{ mph or less}) \quad L = WS \quad (45 \text{ mph or greater})$$

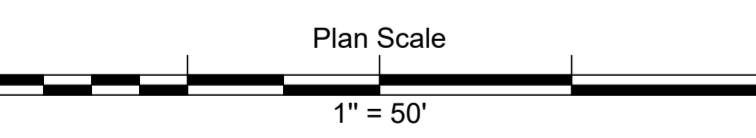
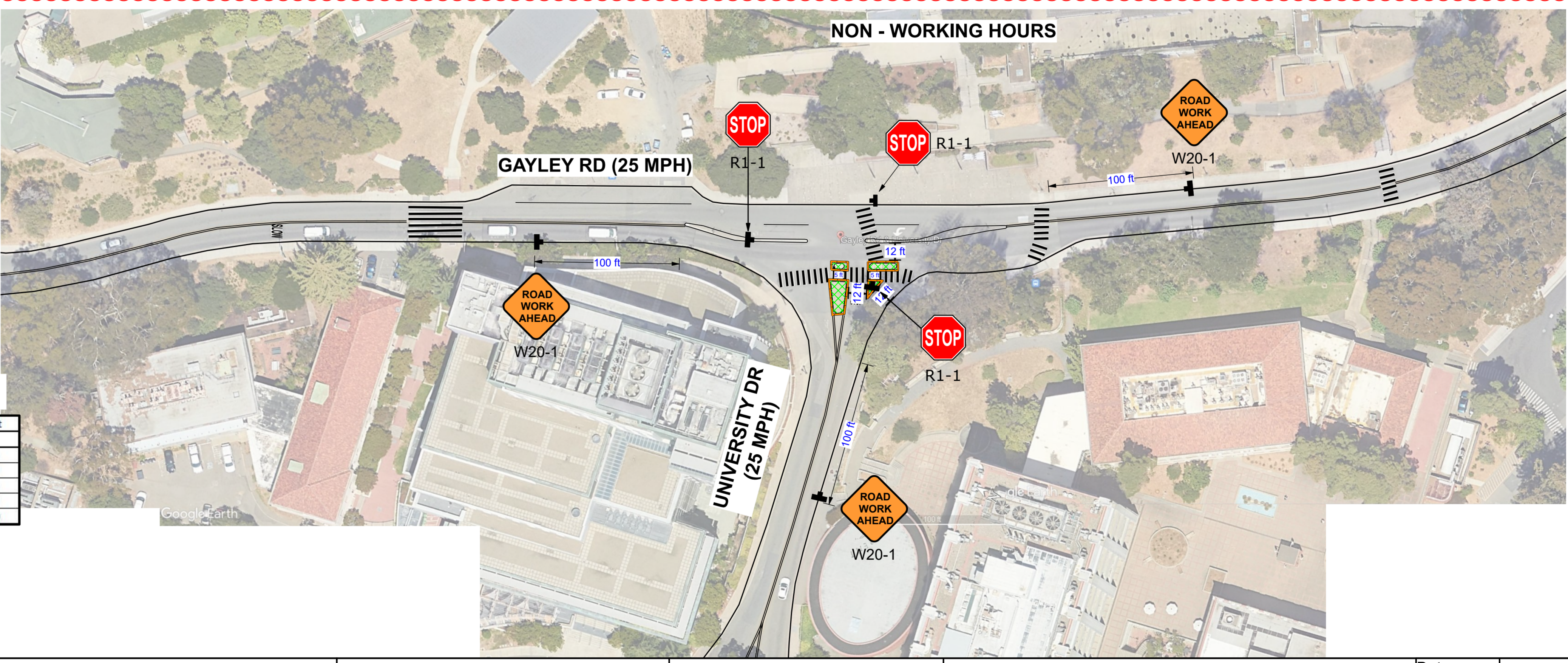
L = Taper Length in feet  
W = Width of Offset in feet  
S = Speed in mph

**Table A-3**  
Taper Length and Buffer Space  
Use in Typical Applications Diagrams

Speed in Miles per Hour*	Length of Taper 'L' in Feet		Speed in Miles per Hour*	Length of Buffer Space in Feet
	11 Feet	12 Feet		
20	73	80	20	35
25	115	125	25	55
30	165	180	30	85
35	225	245	35	120
40	293	320	40	170
45	495	540	45	220
50	550	600	50	280
55	605	660	55	335
60	660	720	60	415
65	715	780	65	485
70	770	840	70	585

**Table A-2**  
Suggested Advance Warning Sign Spacing

Road Type	Distance Between Signs in Feet		
	A	B	C
Urban - 25 mph or less	100	100	100
Urban - more than 25 mph to 40mph	250	250	250
Urban - more than 40mph	350	350	350
Rural	500	500	500
Expressway / Freeway	1000	1500	2640



COMPASS	LEGEND
	Flashing Arrow Board
	Flashing Arrow Board (Plan View)
	28" Traffic Cones
	Temporary Delineator
	Type 1 Barricades
	Type 3 Barricades
	NTS Not to Scale
	TA/NS Tow-Away / No Stopping
	Flagger
	Work Area
Sign and Stand	
Water Filled Barrier	
ADA Pedestrian Barrier	
MUNI WIRES	
TEMP STRIPING	

STAMP

## TRAFFIC CONTROL PLAN

**UCB HEATHCOCK HALL  
CONCRETE ISLANDS WORK  
GAYLEY RD AT UNIVERSITY DR**

- GENERAL NOTES:
- CONTRACTOR TO VERIFY EXISTING STRIPING IS ACCURATE PRIOR TO START OF WORK.
  - ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF CA MUTCD.
  - THE CONTRACTOR SHALL NOT PREVENT OR DELAY THE OPERATION OF MASS TRANSIT VEHICLES AT ANY TIME.
  - THE CONTRACTOR SHALL PERFORM THE APPROPRIATE MEASURES TO ENSURE THE SAFETY OF BICYCLISTS ON ALL STREETS ON WHICH THERE IS CONSTRUCTION.

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Location	BERKELEY
DR Job #	0728
TCP #	004
Revision	000