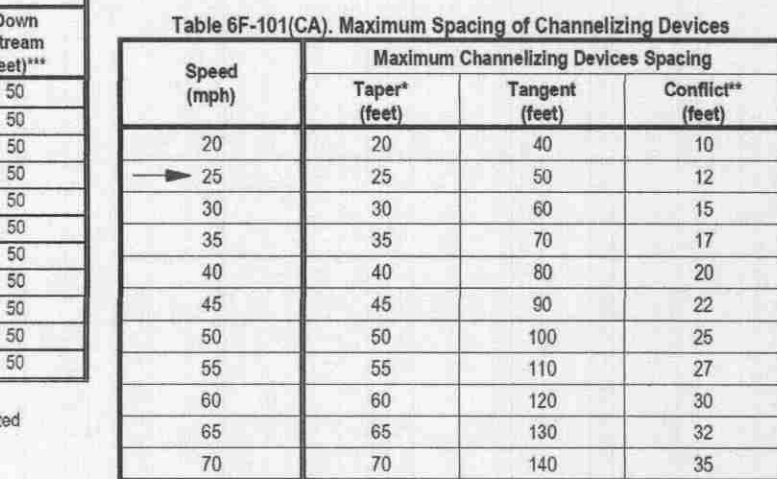


Speed <i>s</i> (mph)	Minimum Taper Length <sup>a</sup> for Width of Offset 12 feet (W)			
	Merging L <sub>T</sub> (feet)	Shifting L <sub>T</sub> (feet)	Shoulder L <sub>T</sub> (feet)	Down Stream feet <sup>b</sup> ***
20	80	60	27	50
25	120	63	42	50
30	180	90	60	50
35	245	123	82	50
40	320	160	107	50
45	540	210	180	50
50	600	300	200	50
55	660	330	240	50
60	720	360	260	50
65	780	390	280	50
70	840	420	280	50

\*\* - For other offsets use the following merging taper length formula for L:  
For speeds of 40 mph or less,  $L = WS^2/60$   
For speeds of 45 mph or more,  $L = WS$

\*\*\* - Maximum downstream taper length is 100 feet. See Section 6C.08



\*\* Use on intermediate and short-term projects for taper and tangent sections where there are no pavement markings or where there is a conflict between existing pavement markings and channelizers (CA)

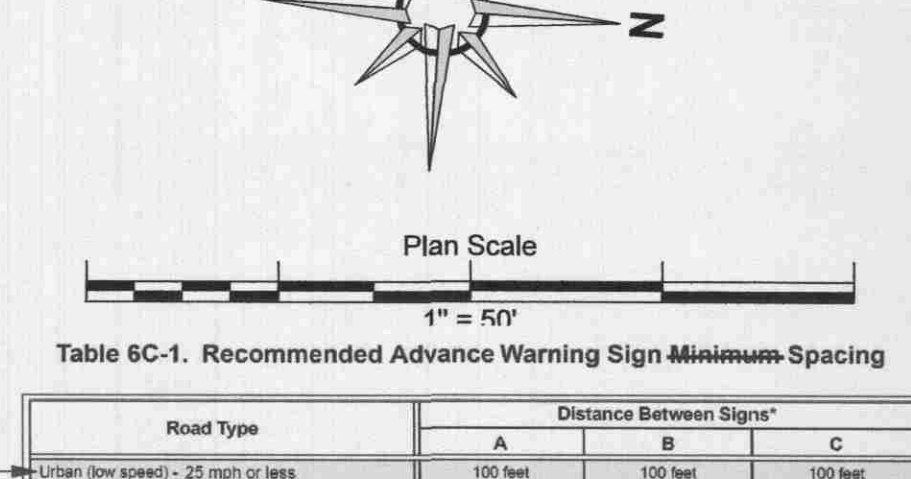











Table 6C-1. Recommended Advance Warning Sign Minimum Spacing

Road Type	Distance Between Signs*		
	A	B	C
Urban (low speed) - 25 mph or less	100 feet	100 feet	100 feet
Urban (high speed) - more than 25 mph to 40 mph	250 feet	250 feet	250 feet
Urban (high speed) - more than 40 mph	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

<sup>44</sup> The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-4E. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

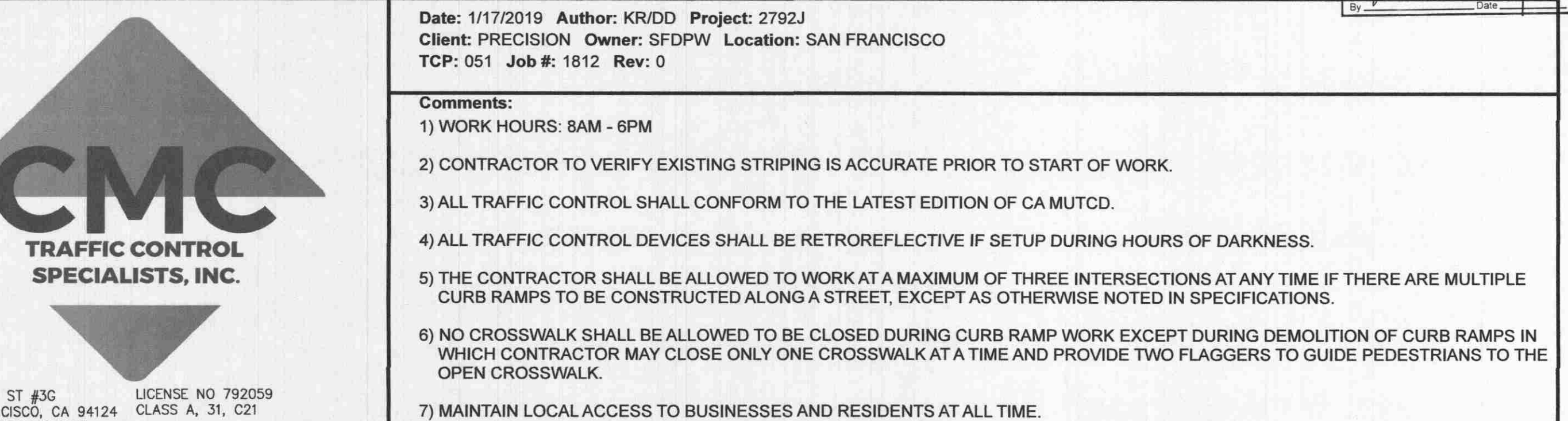
### Legend

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



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☒ NO EXCEPTIONS TAKEN  
☐ MAKE CORRECTIONS NOTED  
☐ REJECTED  
☐ RES. SAC RESUMIT  
☐ SUBJECT SPECIFIED (ITEMS)

Reviewer's comments for general conformance with the design concept of the project and general compliance with the requirements of the contract documents. Any action taken by the reviewer to the requirements of the plans and specifications. Contractor's responsibilities include, but are not limited to: actual dimensions will be as preferred fabrication processes and techniques of construction. coordination of the contractor with the design of all other trades, and the satisfactory performance of the contractor's work.

Sustainable Streets Division  
 San Francisco Municipal Transportation Agency  
 City and County of San Francisco

By REV W. C. Date 2/26/14