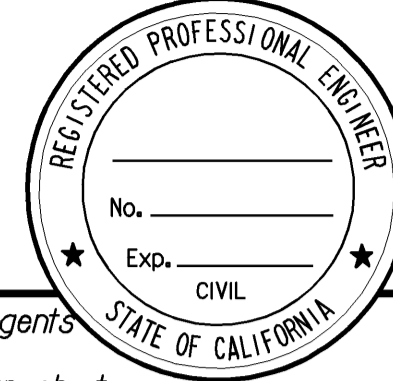


SINGLE POST TYPE TRUSS FRAME QUANTITIES (lbs)								
TRUSS LENGTH	PANEL DEPTH							
	50"	60"	70"	80"	90"	100"	110"	120"
2'	441	448	452	456	461	472	472	472
3'	664	672	679	683	690	708	708	708
4'	884	899	904	913	919	944	944	944
5'	1,105	1,120	1,131	1,140	1,151	1,179	1,179	1,179
6'	1,325	1,345	1,356	1,369	1,380	1,415	1,415	1,415
7'	1,548	1,567	1,583	1,596	1,609	1,651	1,651	1,651
8'	1,768	1,792	1,808	1,823	1,841	1,887	1,887	1,887
9'	1,989	2,015	2,035	2,052	2,070	2,123	2,123	2,123
10'	2,209	2,240	2,260	2,280	2,299	2,359	2,359	2,359
11'	2,432	2,465	2,487	2,509	2,531	2,597	2,597	2,597
12'	2,652	2,687	2,712	2,736	2,760	2,833	2,833	2,833
13'	2,782	2,822	2,848	2,873	2,897	2,970	2,970	2,970
14'	2,926	2,954	2,985	3,009	3,034	3,106	3,106	3,106
15'	3,060	3,091	3,120	3,146	3,170	3,245	3,245	3,245
16'	3,183	3,232	3,256	3,280	3,307	3,382	3,382	3,382
17'	3,331	3,366	3,393	3,417	3,444	3,521	3,521	3,521
18'	3,457	3,510	3,527	3,554	3,580	3,657	3,657	3,657
19'	3,591	3,649	3,664	3,691	3,717	3,796	3,796	3,796
20'	3,739	3,781	3,801	3,827	3,854	3,933	3,933	3,933
21'	3,865	3,907	3,935	3,964	3,990	4,072	4,072	4,072
22'	4,004	4,048	4,072	4,098	4,127	4,209	4,209	4,209
23'	4,140	4,187	4,209	4,235	4,264	4,345	4,345	4,345
24'	4,273	4,321	4,343	4,372	4,400	4,484	4,484	4,484
25'	4,425	4,451	4,480	4,508	4,537	4,621	4,621	4,621
26'	4,550	4,601	4,616	4,645	4,674	4,760	4,760	4,760
27'	4,698	4,724	4,753	4,782	4,810	4,896	4,896	4,896
28'	4,817	4,872	4,888	4,918	4,947	5,035	5,035	5,035
29'	4,958	5,018	5,024	5,053	5,084	5,172	5,172	5,172
30'	5,099	5,130	5,161	5,190	5,220	5,311	5,311	5,311
31'	5,734	5,765	5,798	5,829	5,860	5,952	5,952	5,952
32'	5,888	5,919	5,948	5,981	6,012	6,105	6,105	6,105
33'	6,038	6,071	6,100	6,133	6,166	6,257	6,257	6,257
34'	6,188	6,221	6,252	6,288	6,321	6,411	6,411	6,411
35'	6,336	6,369	6,404	6,440	6,475	6,563	6,563	6,563
36'	6,479	6,517	6,556	6,592	6,629	6,715	6,715	6,715
37'	6,623	6,660	6,709	6,746	6,781	6,867	6,867	6,867
38'	6,764	6,801	6,861	6,898	6,936	7,022	7,022	7,022
39'	6,942	6,982	7,011	7,050	7,090	7,174	7,174	7,174
40'	7,079	7,121	7,163	7,202	7,244	7,326	7,326	7,326
41'	7,216	7,258	7,315	7,357	7,396	7,478	7,478	7,478
42'	7,392	7,434	7,467	7,509	7,551	7,632	7,632	7,632
43'	7,524	7,568	7,619	7,661	7,705	7,784	7,784	7,784
44'	7,657	7,745	7,771	7,815	7,859	7,937	7,937	7,937
45'	7,831	7,875	7,923	7,967	8,014	8,089	8,089	8,089
46'	7,959	8,005	8,075	8,120	8,166	8,243	8,243	8,243
47'	8,131	8,179	8,225	8,274	8,320	8,395	8,395	8,395
48'	8,256	8,305	8,377	8,426	8,474	8,547	8,547	8,547
49'	8,428	8,477	8,530	8,578	8,629	8,702	8,702	8,702
50'	8,600	8,651	8,682	8,732	8,781	8,854	8,854	8,854
51'	8,721	8,772	8,834	8,885	8,935	9,006	9,006	9,006
52'	8,891	8,944	8,986	9,037	9,090	9,158	9,158	9,158
53'	9,010	9,063	9,138	9,191	9,244	9,312	9,312	9,312
54'	9,180	9,235	9,290	9,343	9,396	9,464	9,464	9,464
55'	9,350	9,405	9,440	9,495	9,550	9,616	9,616	9,616
56'	9,464	9,519	9,592	9,650	9,705	9,769	9,769	9,769
57'	9,634	9,689	9,744	9,802	9,859	9,923	9,923	9,923
58'	9,802	9,859	9,896	9,954	10,013	10,075	10,075	10,075
59'	9,912	9,971	10,049	10,108	10,165	10,227	10,227	10,227
60'	10,079	10,141	10,201	10,260	10,320	10,379	10,379	10,379

SINGLE POST TYPE TABLE OF TRUSS FRAME DL BY ARM LENGTH (lbs)								
TRUSS LENGTH	PANEL DEPTH							
	50"	60"	70"	80"	90"	100"	110"	120"
2'	441	448	452	456	461	472	472	472
3'	664	672	679	683	690	708	708	708
4'	884	899	904	913	919	944	944	944
5'	1,105	1,120	1,131	1,140	1,151	1,179	1,179	1,179
6'	1,325	1,345	1,356	1,369	1,380	1,415	1,415	1,415
7'	1,548	1,567	1,583	1,596	1,609	1,651	1,651	1,651
8'	1,768	1,792	1,808	1,823	1,841	1,887	1,887	1,887
9'	1,989	2,015	2,035	2,052	2,070	2,123	2,123	2,123
10'	2,209	2,240	2,260	2,280	2,299	2,359	2,359	2,359
11'	2,432	2,465	2,487	2,509	2,531	2,597	2,597	2,597
12'	2,652	2,687	2,712	2,736	2,760	2,833	2,833	2,833
13'	2,782	2,822	2,848	2,873	2,897	2,970	2,970	2,970
14'	2,926	2,954	2,985	3,009	3,034	3,106	3,106	3,106
15'	3,060	3,091	3,120	3,146	3,170	3,245	3,245	3,245
16'	3,183	3,232	3,256	3,280	3,307	3,382	3,382	3,382
17'	3,331	3,366	3,393	3,417	3,444	3,521	3,521	3,521
18'	3,457	3,510	3,527	3,554	3,580	3,657	3,657	3,657
19'	3,591	3,649	3,664	3,691	3,717	3,796	3,796	3,796
20'	3,739	3,781	3,801	3,827	3,854	3,933	3,933	3,933
21'	3,865	3,907	3,935	3,964	3,990	4,072	4,072	4,072
22'	4,004	4,048	4,072	4,098	4,127	4,209	4,209	4,209
23'	4,140	4,187	4,209	4,235	4,264	4,345	4,345	4,345
24'	4,273	4,321	4,343	4,372	4,400	4,484	4,484	4,484
25'	4,425	4,451	4,480	4,508	4,537	4,621	4,621	4,621
26'	4,550	4,601	4,616	4,645	4,674	4,760	4,760	4,760
27'	4,698	4,724	4,753	4,782	4,810	4,896	4,896	4,896
28'	4,817	4,872	4,888	4,918	4,947	5,035	5,035	5,035
29'	4,958	5,018	5,024	5,053	5,084	5,172	5,172	5,172
30'	5,099	5,130	5,161	5,190	5,220	5,311	5,311	5,311
31'	5,734	5,765	5,798	5,829	5,860	5,952	5,952	5,952
32'	5,888	5,919	5,948	5,981	6,012	6,105	6,105	6,105
33'	6,038	6,071	6,100	6,133	6,166	6,257	6,257	6,257
34'	6,188	6,221	6,252	6,288	6,321	6,411	6,411	6,411
35'	6,336	6,369	6,404	6,440	6,475	6,563	6,563	6,563
36'	6,479	6,517	6,556	6,592	6,629	6,715	6,715	6,715
37'	6,623	6,660	6,709	6,746	6,781	6,867	6,867	6,867
38'	6,764	6,801	6,861	6,898	6,936	7,022	7,022	7,022
39'	6,942	6,982	7,011	7,050	7,090	7,174	7,174	7,174
40'	7,079	7,121	7,163	7,202	7,244	7,326	7,326	7,326

* Limits of cantilever arm length (Long side). See Note 2.

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
					
REGISTERED ENGINEER - CIVIL					
PLANS APPROVAL DATE _____					
<i>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</i>					

Post Type	Specification of pipe post	
		lb/ft
II	14" NPS x 1/2" TK	72
III	16" NPS x 1/2" TK	82.6
IV	18" NPS x 1/2" TK	92.7
V	20" NPS x 1/2" TK	104
VI	24" NPS x 1/2" TK	125.4
VII	24" NPS x 3/4" TK	186
VIII	24" NPS x 31/32" TK	237.9
IX	24" NPS x 31/32" TK	237.9

Notes:

- Weight of stripped frame only. Sign panels, removable frames and walkways not included.
- Maximum truss length is 60'. Truss length on either side of post shall not exceed 40'.
- For a full cantilever structure, add 2 feet of length to the length of truss to go into the quantity table.

For a butterfly structure, go to quantity table with full length of left arm + right arm.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

THIS SHEET NOT A PART OF CONTRACT PLANS

OVERHEAD SIGNS-TRUSS SINGLE POST TYPE POST TYPES II THROUGH IX

QUANTITIES & POST SELECTION III (BY TABLE)

9