



IN MY OPINION, FOR BEAM #1:

PLIES #2 & 4 SUPPORT NO LOAD;
 PLIES 2A & 4A CAN CANTILEVER AND PICK UP LOAD;
 PLIES #1 & 3 SUPPORT LOAD. HOW MUCH THIS WOULD
 REDUCE THE POSITIVE MOMENT IN PLIES #1 & #3
 REQUIRES SOME THOUGHT.

HOWEVER, IF THIS WERE A SINGLE SPAN BEAM,
 THEN ALL THE LOAD WOULD HAVE TO BE SUPPORTED
 BY PLIES #1 & #3; THE OTHER PLIES WOULD BE JUST
 FILLERS.

PLAN VIEW NOT TO SCALE