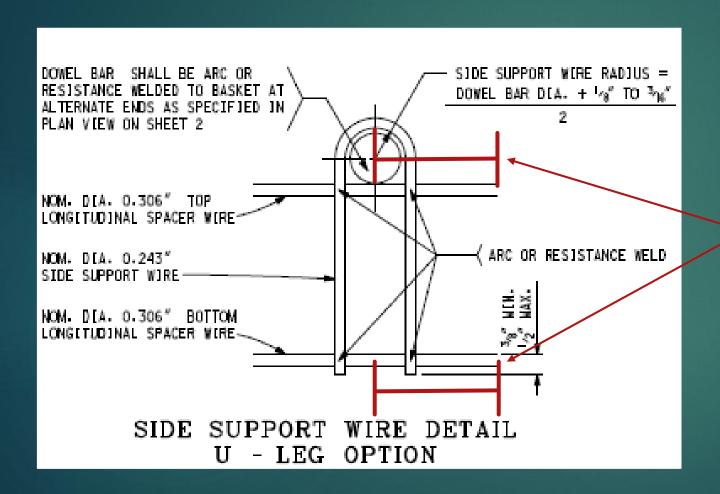
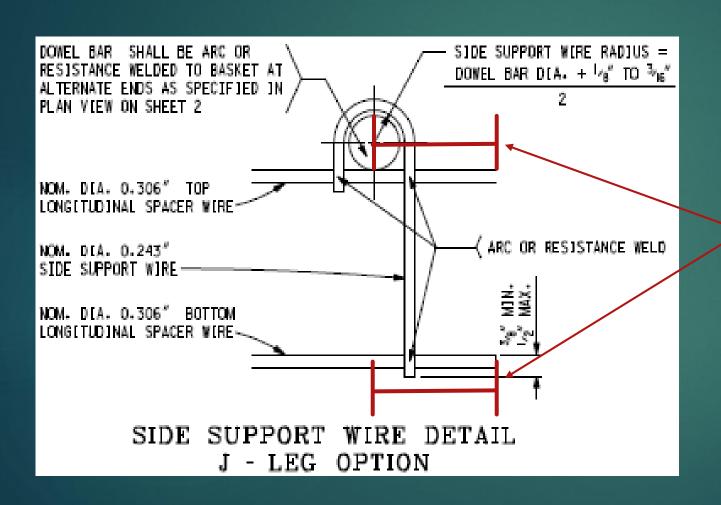


U – Leg Option



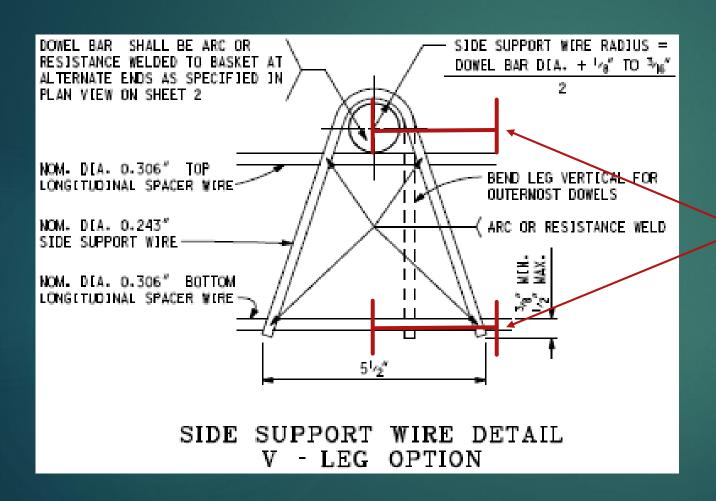
- Arc or Resistance Welded Only
- Top Spacer Wire Dia. 0.306"
- Support Wire Dia. 0.243"
- Bottom Spacer Wire Dia. 0.306"
- Top & Bottom Spacer Wire allowable length of 1½" (+/- ½") from center of the dowel bar.

J – Leg Option



- Arc or Resistance Welded Only
- Top Spacer Wire Dia. 0.306"
- Support Wire Dia. 0.243"
- Bottom Spacer Wire Dia. 0.306"
- Top & Bottom Spacer Wire
 allowable length of 1½" (+/- ½")
 from center of the dowel bar.

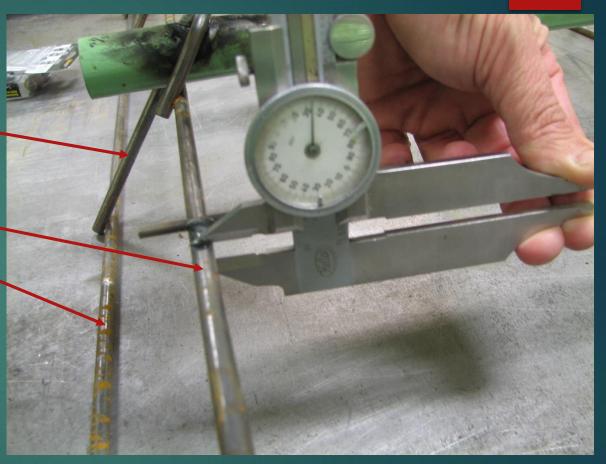
V – Leg Option



- Arc or Resistance Welded Only
- Top Spacer Wire Dia. 0.306"
- Support Wire Dia. 0.243"
- Bottom Spacer Wire Dia. 0.306"
- Top & Bottom Spacer Wire allowable length of 1½" (+/- ½") from center of the dowel bar.

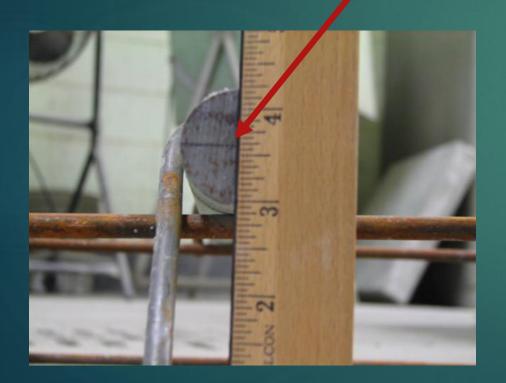
#1 Frame Rail Wire Tolerance

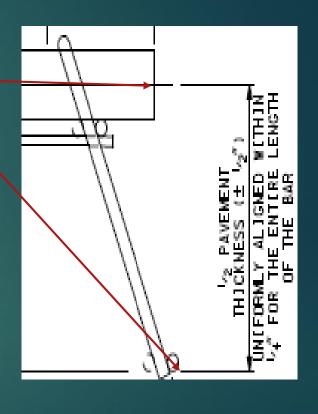
- Side support Minimum diameter of 0.243"
- Top & bottom spacer wires can have a minimum diameter of 0.303"



#2 Allowable Height of Bar

 On any leg option, measure from flat surface on ground to center of dowel to determine if dowel is half the depth of pavement. Within (+/- ½")





#2 Continued...

 Dowel bars should be aligned within 1/4" for the entire length of the bar.



#3 Support Wire Radius

• These gaps are in excess of the 3/16" tolerance in our Standard Plan.

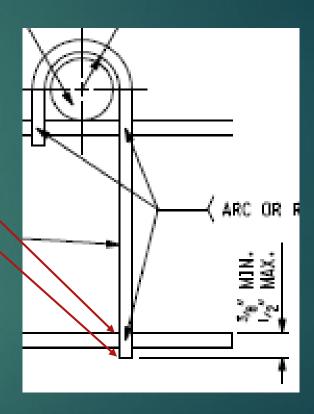




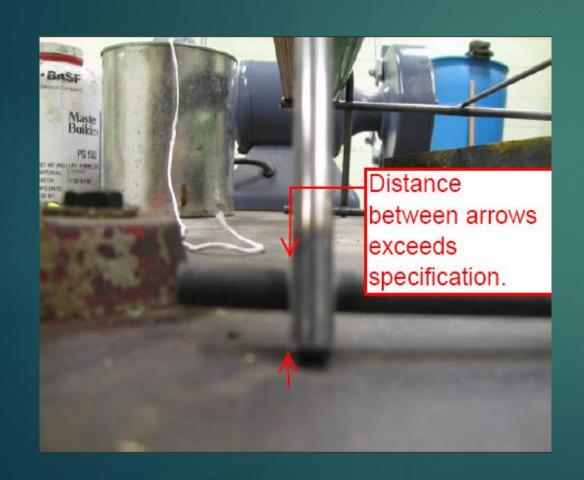


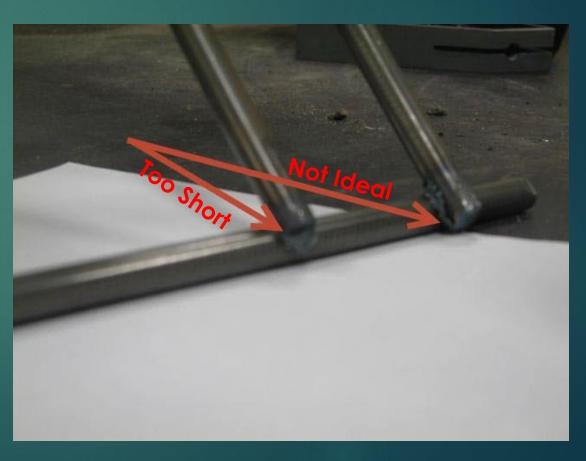
#4 Side Support Leg Tolerance

- The top of the bottom spacer
 wire to the bottom of the support
 wire should be a minimum of 3/8"
 and a maximum 1/2"
- The side support legs can extend slightly past the bottom spacer wire but not in excess of 3/16"



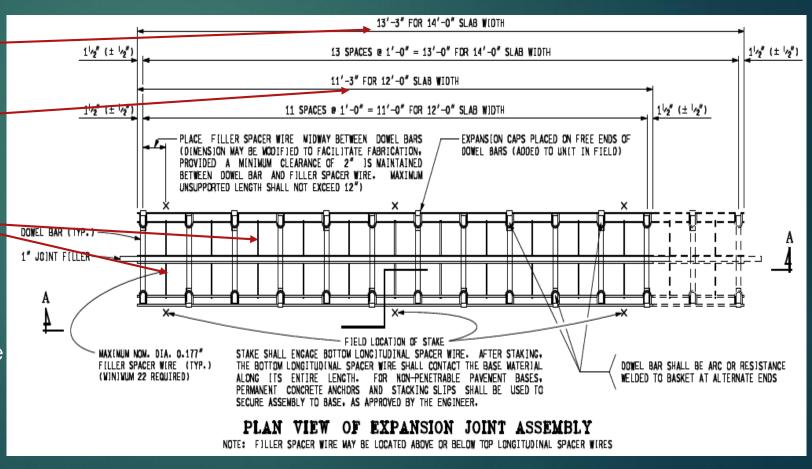
#4 Continued... Side Support Leg Failures





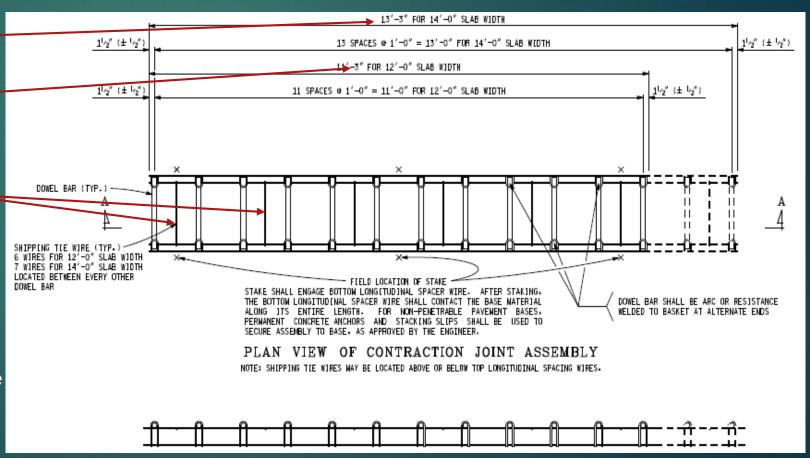
#5 Allowable Basket Length/Width and Tie Wires

- 13'-4" max for 14'-0" slab width
- 11'-4" max for 12'-0" slab width
- 22 filler spacer wires for 12' slab
- 26 filler spacer wires for 14 slab
- Dowel bars shall be aligned parallel to each other in the assembly on 1'-0" (+/- ½") centers.



#5 Allowable Basket Length/Width and Tie Wires (continued)

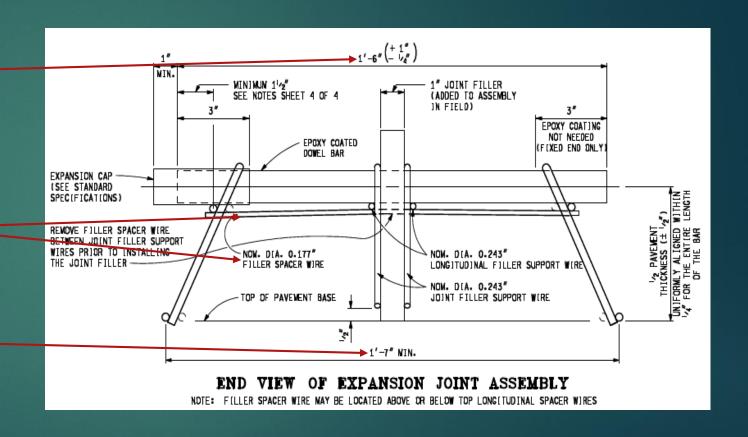
- 13'-4" max for 14'-0" slab width
- 11'-4" max for 12'-0" slab width
- 6 tie wires for 12' slab
- 7 tie wires for 14' slab
- Tie wires should be located every other dowel bar.
- Dowel bars shall be aligned parallel to each other in the assembly on 1'-0" (+/- ½") centers.



#5 Continued...

 Dowel bar length should be between 17¾" and 19"

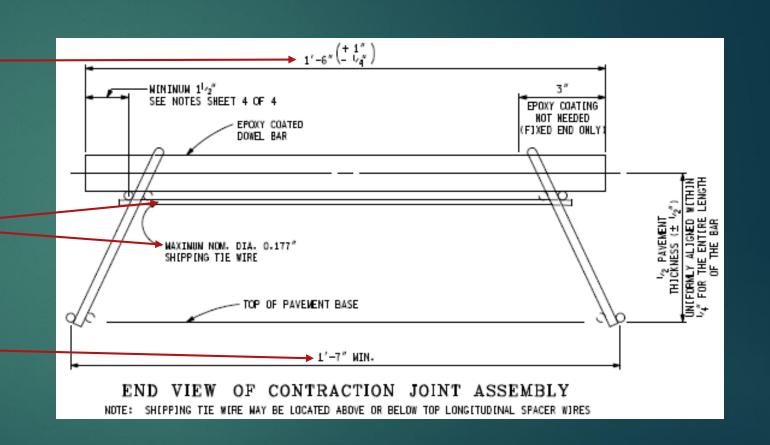
- The maximum nominal diameter of the filler spacer wire is 0.177"
- Minimum width of basket should be 1'-7" (19").



#5 Continued...

 Dowel bar length should be between 17¾" and 19"

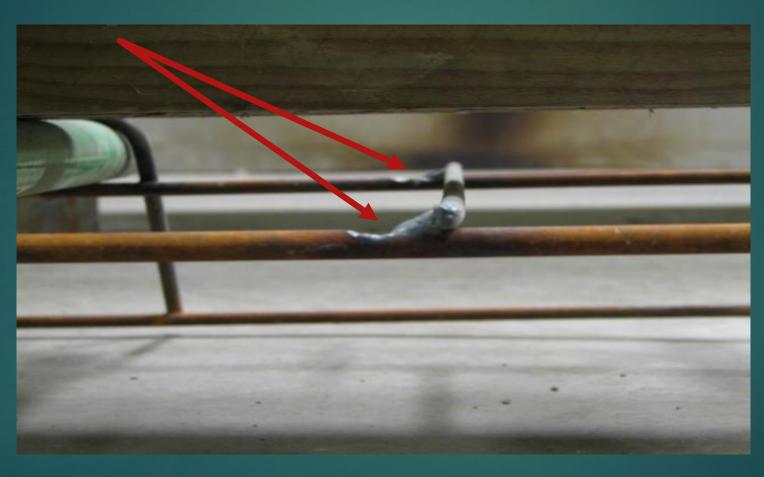
- The maximum nominal diameter of the tie wire is 0.177"
- Minimum width of basket should be 1'-7" (19").



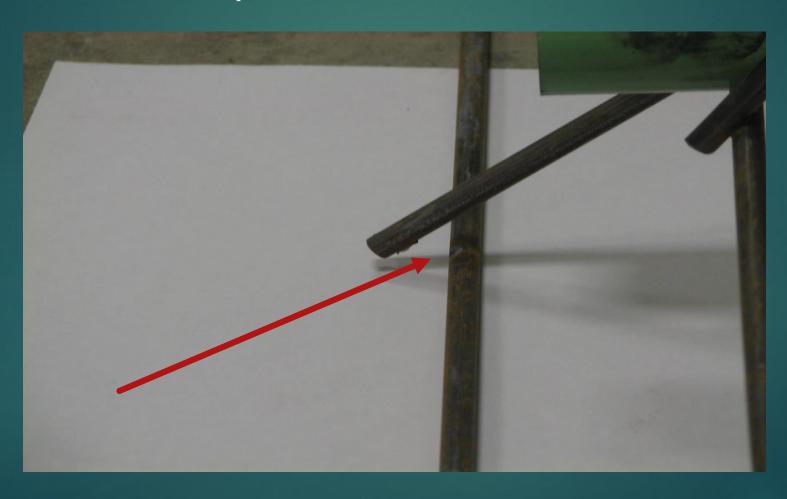
#6 Welds

- ▶ All wire intersections are to be Arc or Resistance welded.
- ▶ Some examples of bad welds are as followed:

Bad weld on tie bar to top spacer wire



Bad weld on support leg to bottom spacer wire



Bad weld on top spacer wire

