



Tie-in Truss		Maximum Reaction (lbs)			
		USGP Length			
		24" or Full Length	12"		
USC	35USKW	1900	1540		
	55USKW	2370	1920		
USD	35USKW	340	340	4	#10 SDS in Tie-in Truss
		510	510	6	
		640	640	8	
		850	850	10	
	55USKW	890	890	8	
		1110	1110	10	
		1335	1335	12	
		1560	1560	14	

- Notes:
1. USKW to be installed using positioning guides.
  2. Load frequency shall not be less than 24" O.C.
  3. 24" or 12" USGP, center USGP over tie-in member
  4. Apply block at each end and midpoint of 24" USGP
  5. Apply block at each end of 12" long USGP
  6. Block spacing for FULL LENGTH USGP = 10" oc
  7. Chart applies to USC and USD girders. Blocks shown as 30USW. Use 275USHD for USD girders
  8. Place 1.5" leg of USKW to allow screw installation. Orientate as shown or reversed.
  9. 55USGP shall only be used with 55 material for girder bottom chord. 35USGP may be used with 35 and 55 girder bottom chord.
  10. Screw count for Tie-in truss may differ from truss drawing due to distance from end of tie-in truss to face of girder

  
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TRUSS TO TRUSS CONNECTION  
USKW w/ USGP

DETAIL NO.

**US2US-24**

CATEGORY

**STANDARD DETAILS**

DATE

8/21/2008