



### 35 USKW

Girder Material	Maximum Reaction, lbs								Tie-in Truss Angle # screws into tie-in truss
	45				90				
	2	3	4	5	2	3	4	5	
USC	225	340	450	560 *	250	390	505 *	630 *	
USD					215	320	425	535 *	

\* 3 - #10 sds into girder truss

### 55 USKW

Girder Material	Maximum Reaction, lbs								Tie-in Truss Angle # screws into tie-in truss
	45				90				
	4	5	6	7	4	5	6	7	
USC	625	780	935	1095 *	690	860	1035 *	1205 *	
USD					595	745	895	1045 *	

\* 5 - #10 sds into girder truss

#### Notes:

1. Truss analysis may be with reaction at top chord or bottom chord
2. Tie-in truss is supported at opposite end (not shown).
3. USKW may be attached to girder truss webs (see insert)  
Tie-in reaction shall not exceed 485 lbs when girder web is 30USW035.
4. USKW flange orientation at girder may be as shown or reversed to allow for screw installation



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## TRUSS TO TRUSS CONNECTION USKW to Front Face of Girder

DETAIL NO.

# US2US-14

CATEGORY

STANDARD DETAILS

DATE

8/21/2008