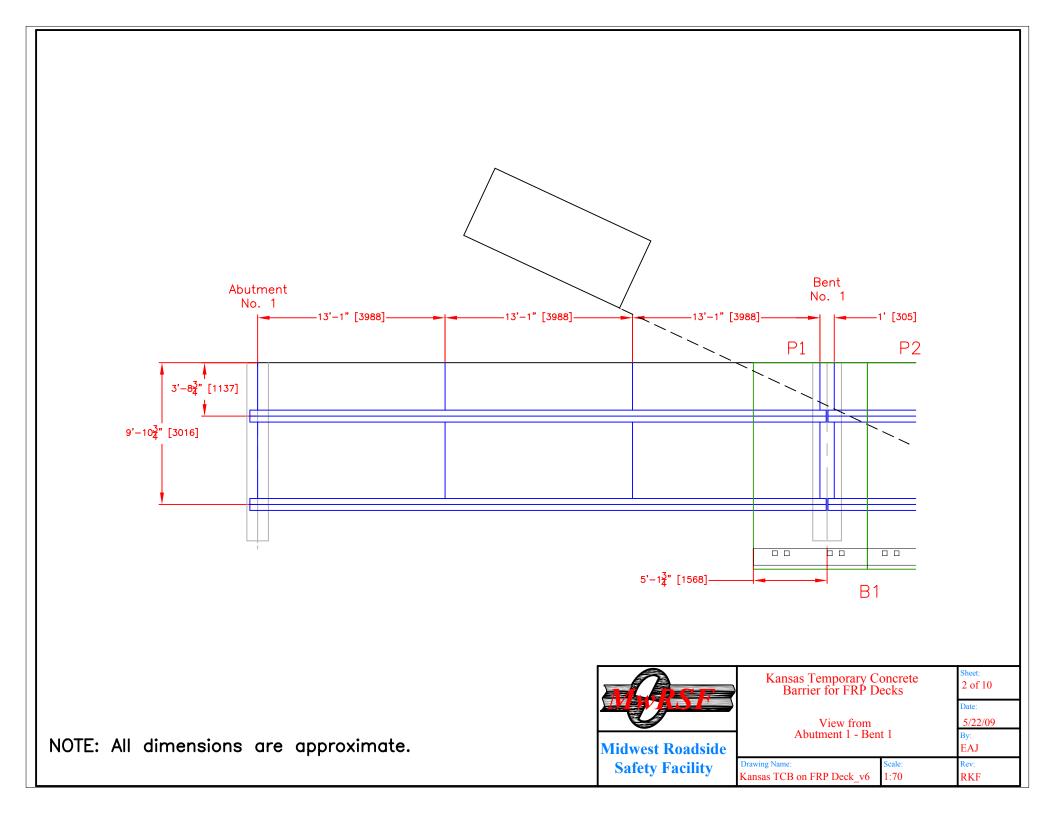


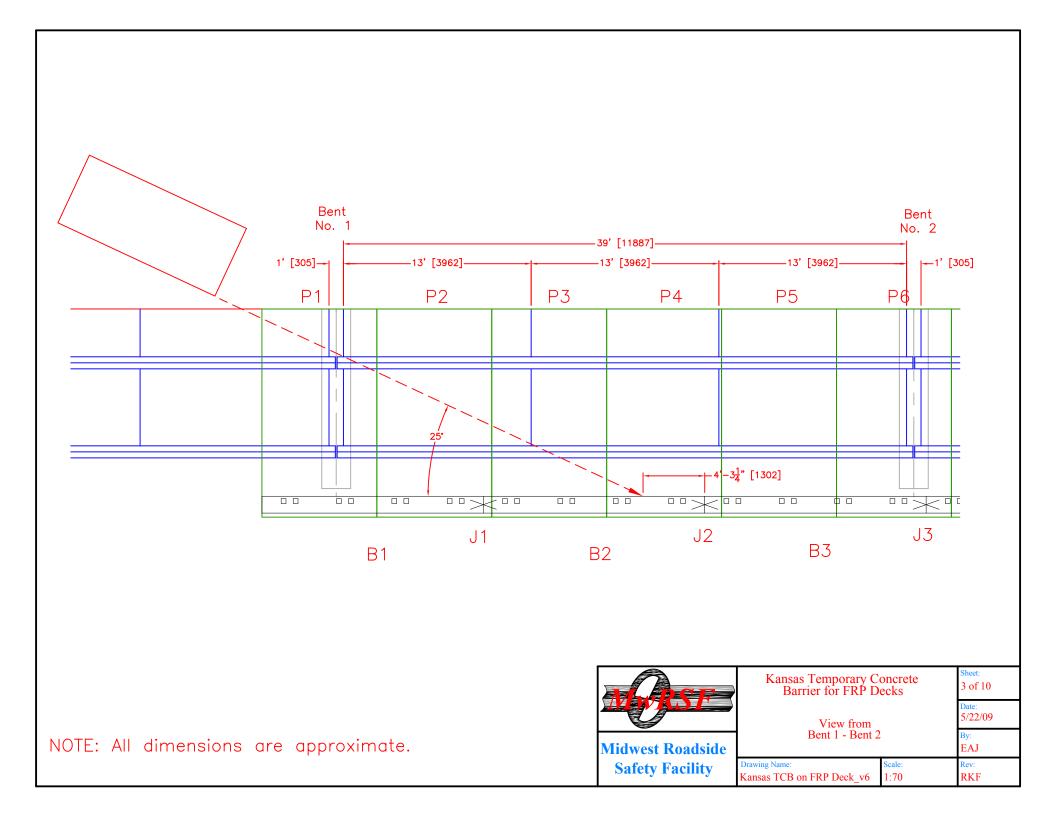
Notes: (1) FRP deck panels are to be installed starting with panel no. 11 (P11) and ending with panel no. 1 (P1).

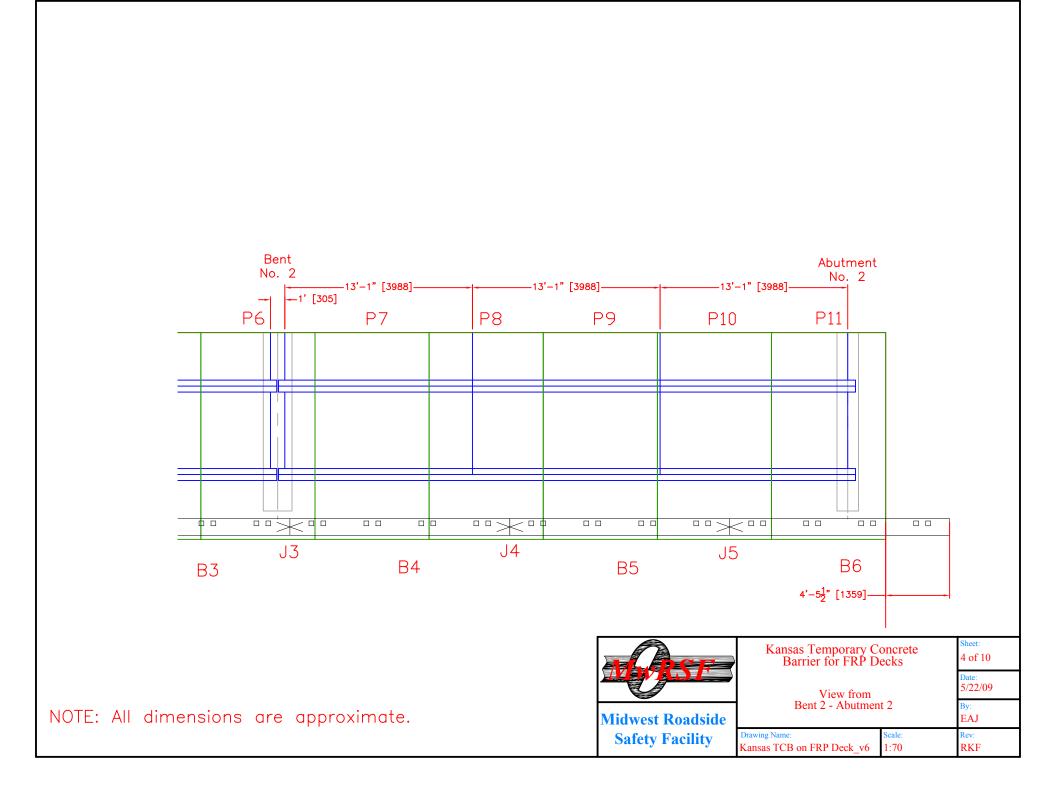
(2) Barriers are to be installed starting with barrier section no. 1 (B1) and ending with barrier section no. 6 (B6).

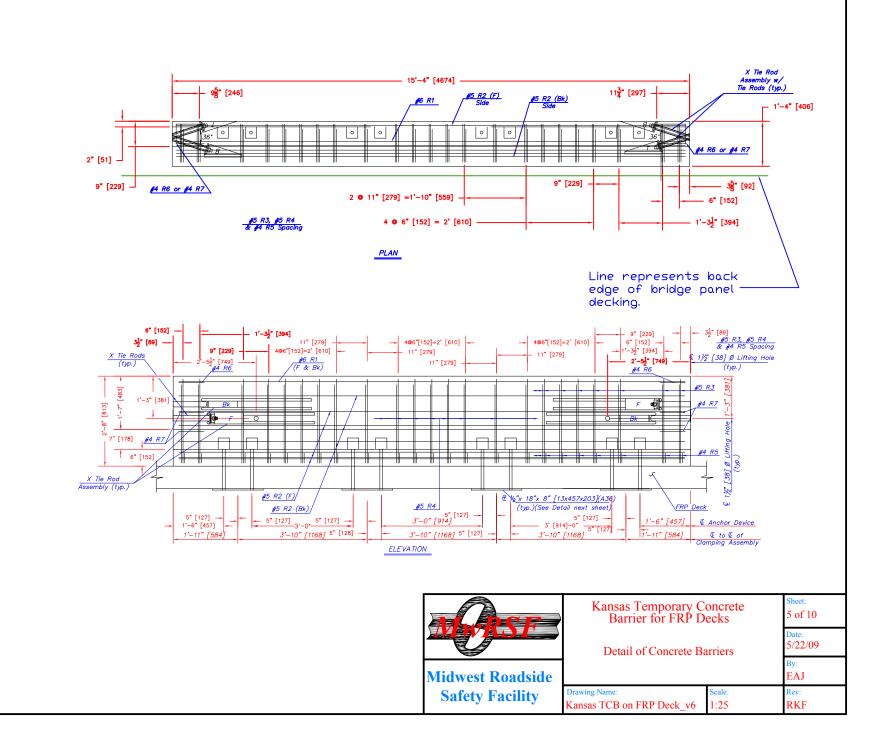
(3) Details are not provided for attaching FRP deck panels to steel girders.

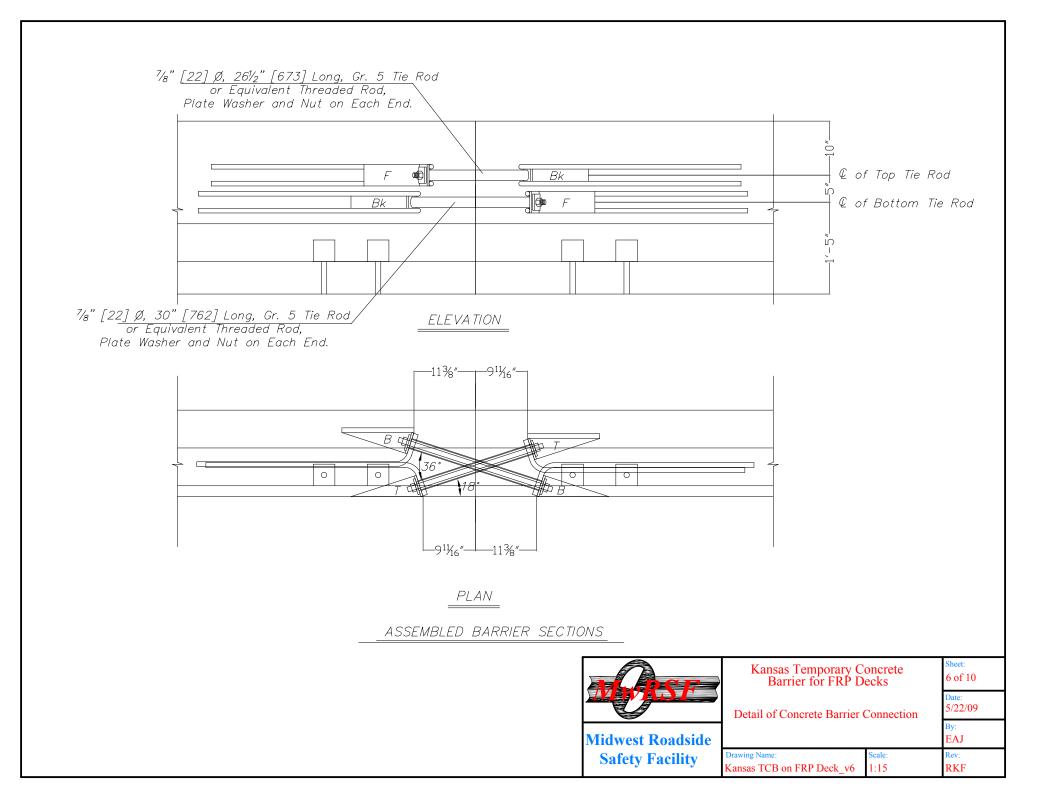
	Kansas Temporary C Barrier for FRP D	Sheet: 1 of 10	
	Plan View		Date: 5/22/09
Midwest Roadside			^{By:} EAJ
Safety Facility	Drawing Name: Kansas TCB on FRP Deck_v6	Scale: 1:155	Rev: RKF

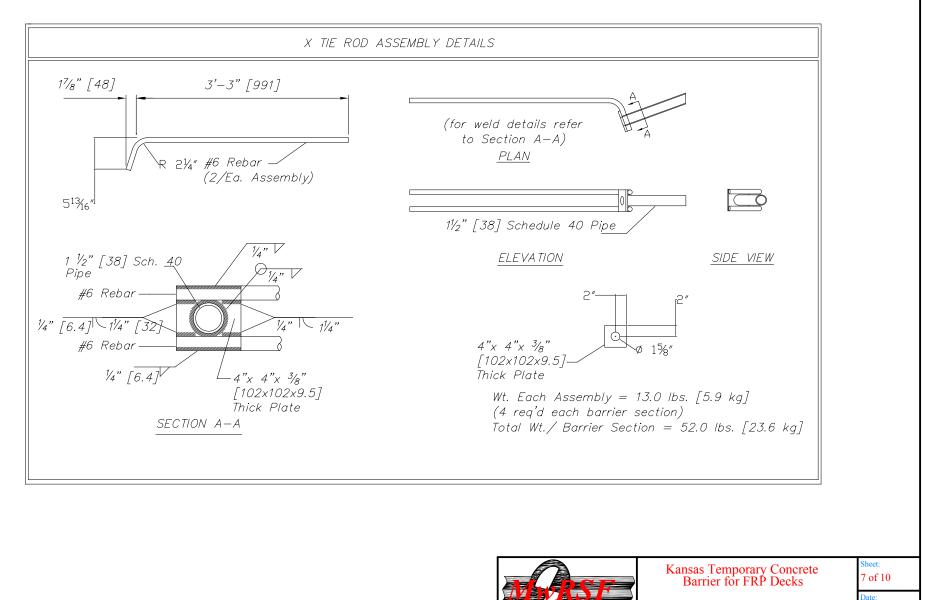




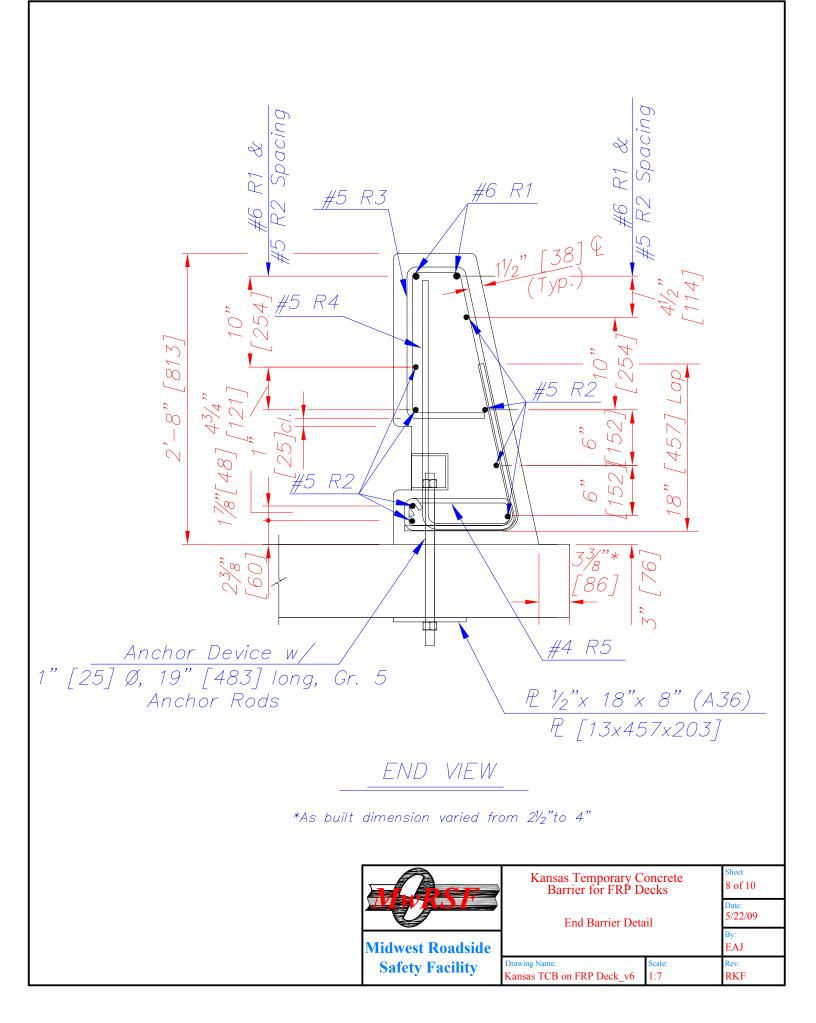








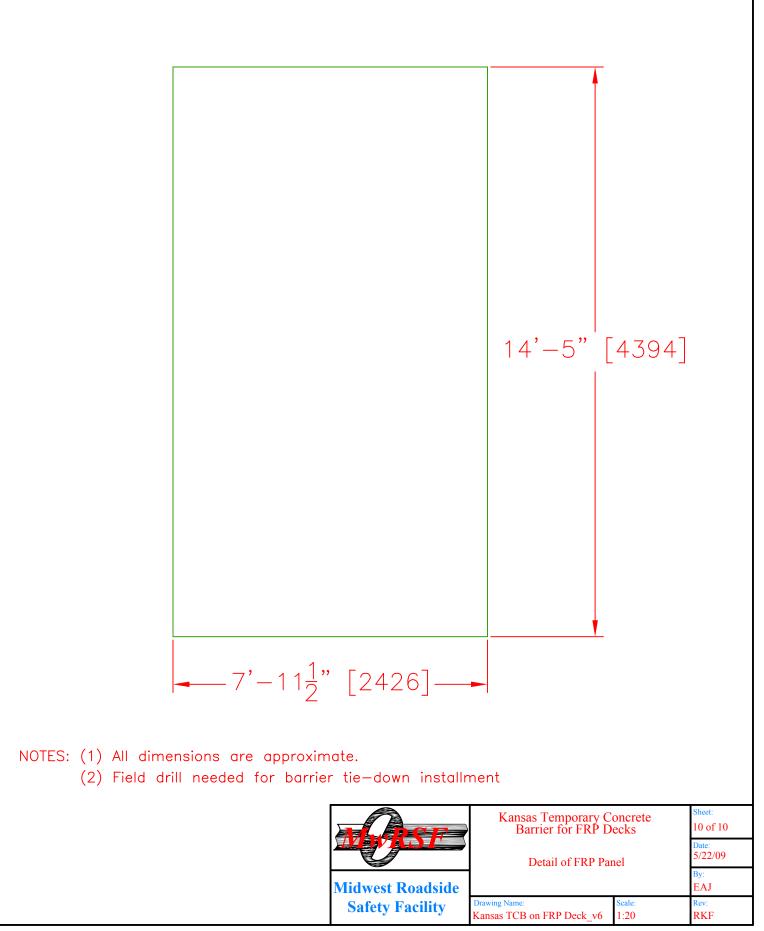
	Connection Deta	Date: 5/22/09	
Midwest Roadside Safety Facility			By: EAJ
	Drawing Name: Kansas TCB on FRP Deck_v6	Scale: 1:15	Rev: RKF



* See bending Diagrams

BILL OF REINFORCING STEEL (One Barrier Section)			BENDING DIAGRAMS			
Mark	Size	Number	Lengt	^t h	<i>[4 → 6" [152]</i>	
R1	#6	2	15'-0" [·	4572]		
R2	#5	8	15'-0" [-	4572]		
* R3	#5	23	5'-5" [1	651]		
* R4	#5	23	4 <i>`</i> -10" [1473]	12 ² 20, 2 4, <u>1</u> , <u>12</u> , <u>1</u>	1_
* R5	#4	23	3'-3" [991]		- \[
* R6	#4	2	2'-3" [686]		1
* R7	#4	4	2'-5" [737]		[457]
					$R = \frac{1}{2} [38]$ $R = \frac{1}{2} [38]$ $R = \frac{1}{2} [38]$	
Sl	UMMARY OF QUAN	ITITIES (One Bar	rier Section)			-
	ITEM		QUANTITY	UNIT		
Grade 5.0 Concret	te (AE)		1.5 [0.38]	Cu. Yds. [Cu. m]	$\begin{array}{c} \underline{13}\\ \underline{1}\\ \underline{3}\\ \underline{1}\\ \underline{1}$	
**Reinforcing Stee	l (Gr. 60)		609 [276]	_ Lbs [kg]	(<i>typ.</i>) 7" [178] R6	
1" [25] Ø, 19" [4	83] long, Gr. 5 A	Anchor Rods	8	Ea.		7
⁷ /8 " [22] Ø, 26½	′2" [673] long, Gi	r. 5 Tie Rods	1	Ea.		
7∕8"[22]Ø, 30"	[762] long, Gr. 3	5 Tie Rods	1	Ea.		
Total Wt. of One	Barrier Section =	- 3.04 tons [27.	58 kg]		<u></u>	
**Includes X Tie Rod	Assembly and $\frac{1}{2}$ "x1	8"x8" [13x457x20	3] Steel Plate Qu	antities.	All dimensions are out to out of bars, unless other	wise noted.

	Kansas Temporary C Barrier for FRP D	Sheet: 9 of 10	
	Rebar Details		Date: 5/22/09
Midwest Roadside	By: EAJ		^{By:} EAJ
Safety Facility	Drawing Name: Kansas TCB on FRP Deck_v6	Scale: 1:15	Rev: RKF



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