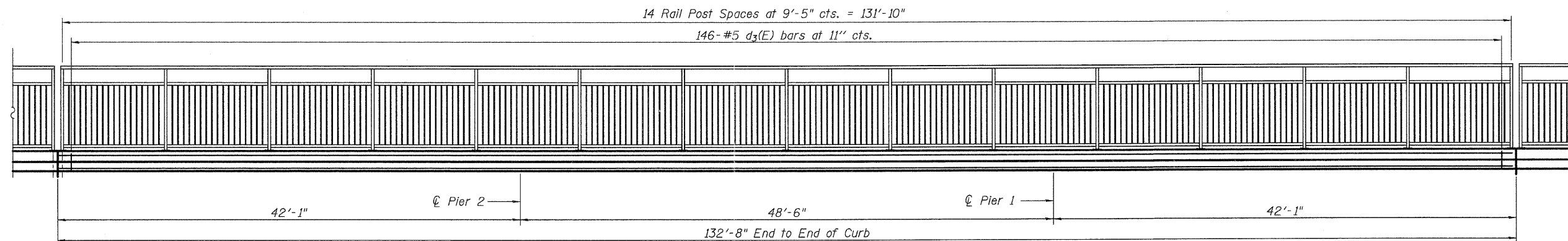


**INSIDE ELEVATION OF PARAPET**

North Parapet (Looking North)  
South Parapet similar by rotation of 180°

**MINIMUM BAR LAP**

#4 bar = 2'-0"  
#8 bar = 5'-2"



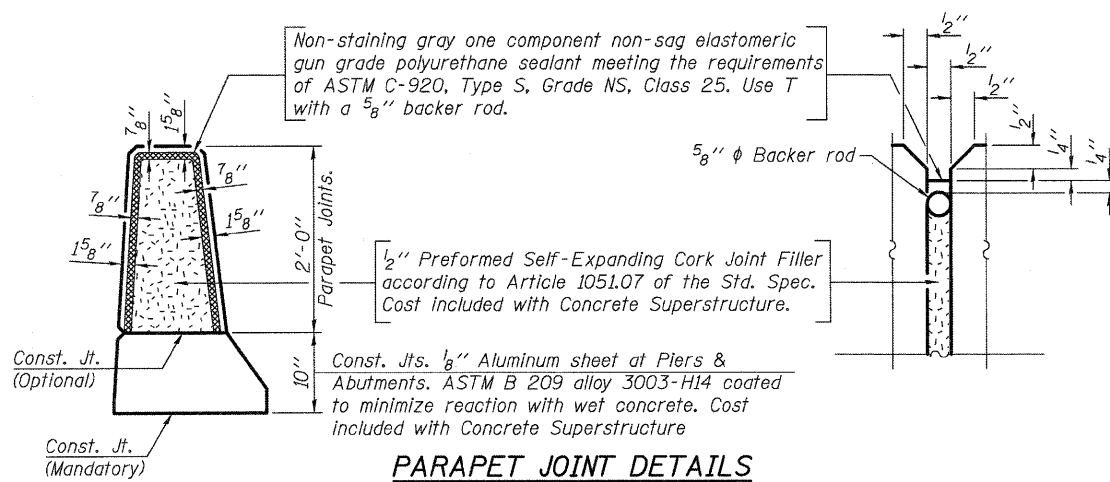
**INSIDE ELEVATION OF CURB**

(Looking South)

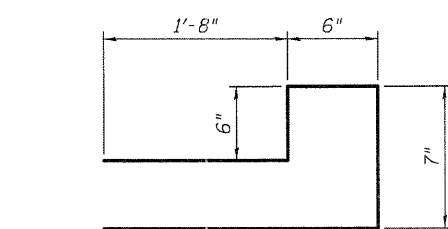
**SUPERSTRUCTURE BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	134	#4	27'-3"	—
a1(E)	268	#4	21'-5"	—
a2(E)	266	#4	6'-0"	—
b(E)	370	#4	28'-7"	—
d(E)	292	#5	5'-7"	⌋
d1(E)	292	#5	5'-11"	⌋
d3(E)	146	#5	5'-5"	⌋
e(E)	84	#4	13'-8"	—
e1(E)	8	#8	23'-6"	—
e2(E)	8	#4	21'-11"	—
e3(E)	42	#4	15'-10"	—
e4(E)	4	#8	26'-8"	—
e5(E)	4	#4	25'-1"	—
Reinforcement Bars, Epoxy Coated			Pound	20,910
Concrete Superstructure			Cu. Yd.	29.4
Concrete Wearing Surface, 5"			Sq. Yd.	1,002

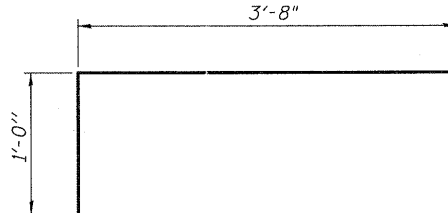
Bars indicated thus 1 x 2-#4 etc. indicates 1 line of bars with 2 lengths per line.



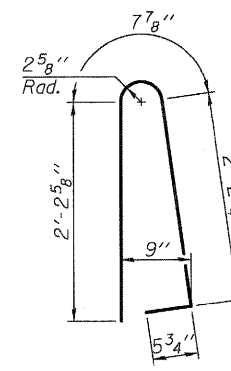
**PARAPET JOINT DETAILS**



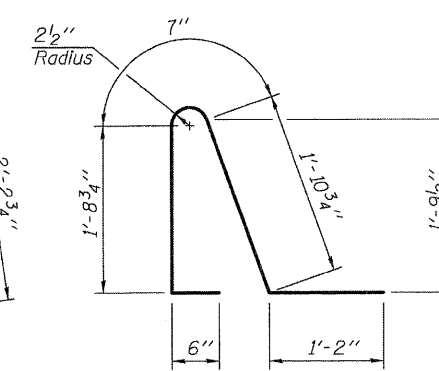
**BAR d3(E)**



**BAR D(E)**



**BAR d(E)**



**BAR d1(E)**

FILE NAME = M:\Projects\42010\00004 - Barren\gfr\roads\Structure\Draw\95107-87491-899-SuperDetail.dwg

**WILLS BURKE KELSEY ASSOCIATES LTD.**  
116 West Main Street, Suite 201  
St. Charles, Illinois 60174  
(630) 443-7755

USER NAME = #USER#	DESIGNED - MLH	REVISED -
PLOT SCALE =	CHECKED - AEU	REVISED -
PLOT DATE = 7/6/2011	DRAWN - MLH	REVISED -
	CHECKED - AEU	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUPERSTRUCTURE DETAILS II  
STRUCTURE NO. 019-6107**

SHEET NO. 9 OF 24 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5355	04-00167-00-BR	DEKALB	88	55
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 87491	