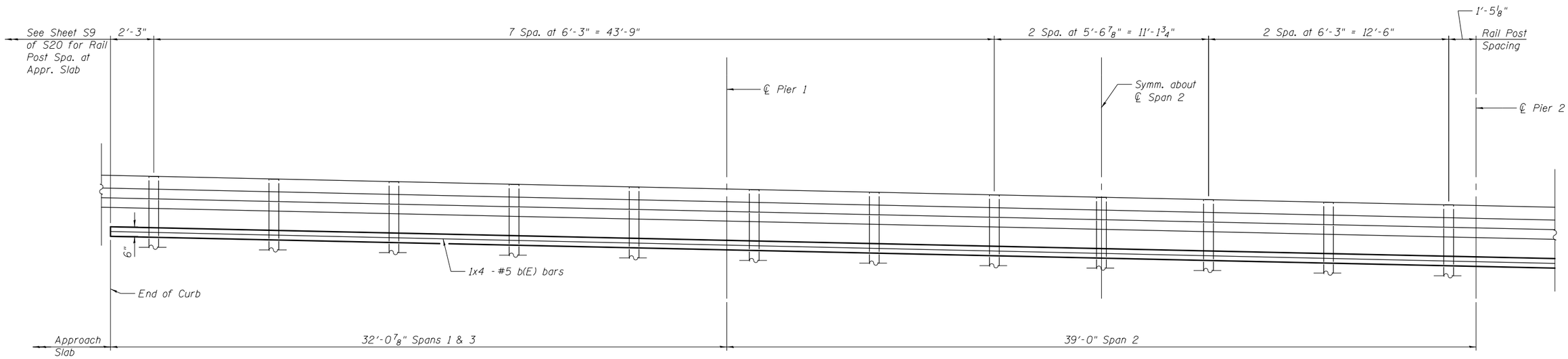
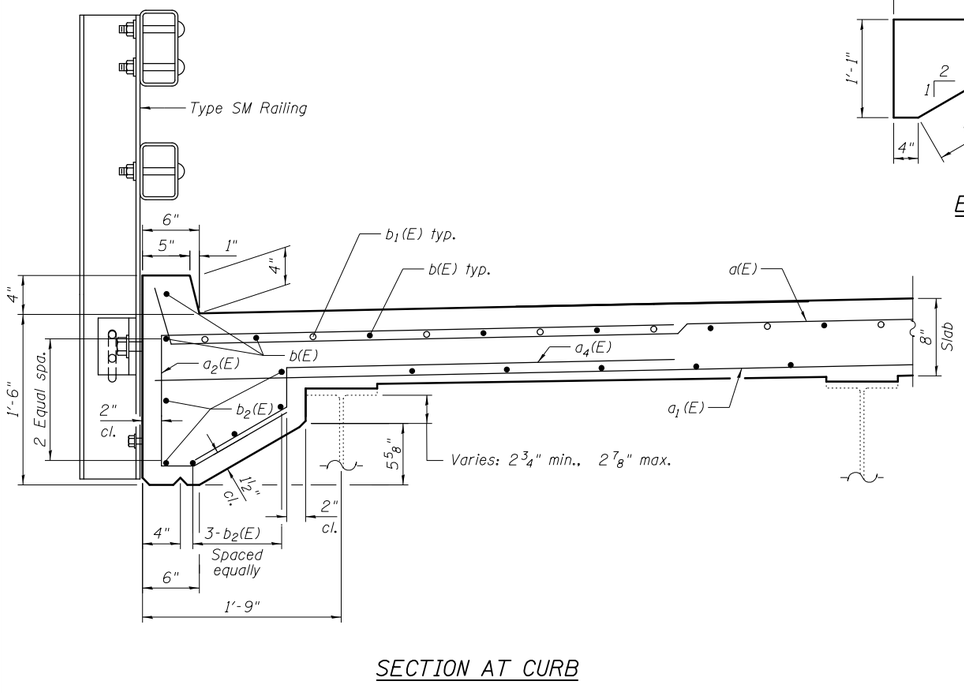
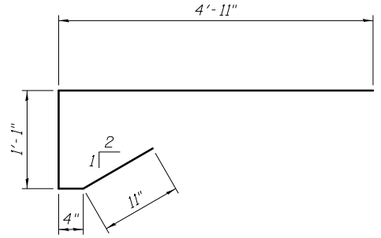


INSIDE ELEVATION OF RAIL

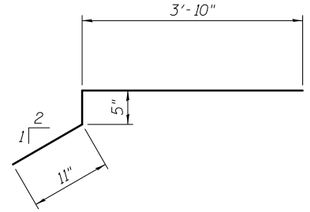
(Looking South)



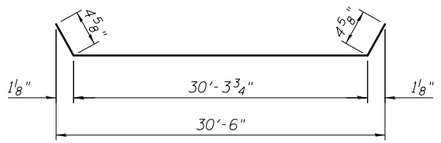
SECTION AT CURB



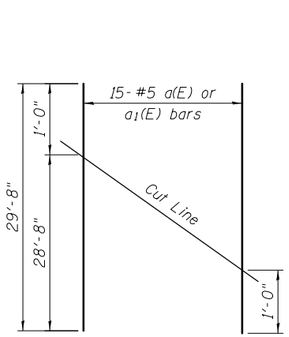
BAR $a_2(E)$



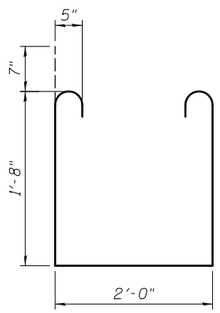
BAR $a_4(E)$



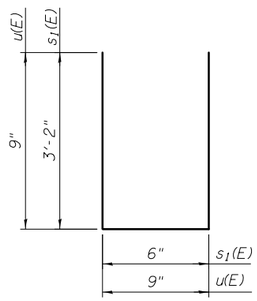
BAR a(E)



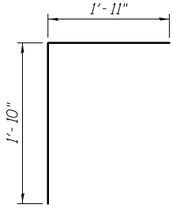
FIELD CUTTING DIAGRAM
BAR a(E) & $a_1(E)$



BAR s(E)



BARS $s_1(E)$ & u(E)



BAR v(E)

MINIMUM BAR LAP

#5 Bar = 2'-7" Deck

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	124	#5	31'-1"	
$a_1(E)$	124	#5	30'-6"	
$a_2(E)$	248	#6	7'-3"	
$a_3(E)$	4	#5	34'-1"	
$a_4(E)$	248	#6	5'-2"	
b(E)	128	#5	27'-7"	
$b_1(E)$	62	#6	22'-0"	
$b_2(E)$	168	#5	27'-7"	
m(E)	12	#6	33'-1"	
$m_1(E)$	36	#6	4'-7"	
$m_2(E)$	12	#6	1'-6"	
$m_3(E)$	10	#6	7'-11"	
$m_4(E)$	4	#6	5'-7"	
s(E)	72	#5	6'-6"	
$s_1(E)$	84	#5	6'-10"	
u(E)	70	#5	2'-0"	
v(E)	70	#5	3'-9"	
Reinforcement Bars, Epoxy Coated			Pound	25,840
Concrete Superstructure			Cu. Yds.	136.0

FILENAME = F:\3-1319_Blodgett\Drawings\CADDSheets\0990181-60636-007-Super-details.dgn

BLOOM COMPANIES, LLC
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Phone: (312) 876-0500 Fax: (312) 876-9600

USER NAME = tborges	DESIGNED - KO	REVISED
	CHECKED - BCM	REVISED
PLOT SCALE = N/A	DRAWN - KO	REVISED
PLOT DATE = 3/31/2014	CHECKED - 8/23/2012	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS – I
STRUCTURE NO. 099-0181
SHEET NO. S7 OF S20 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-2HB-31-3	WILL	87	45
		CONTRACT NO. 60X60		
	ILLINOIS	FED. AID PROJECT		