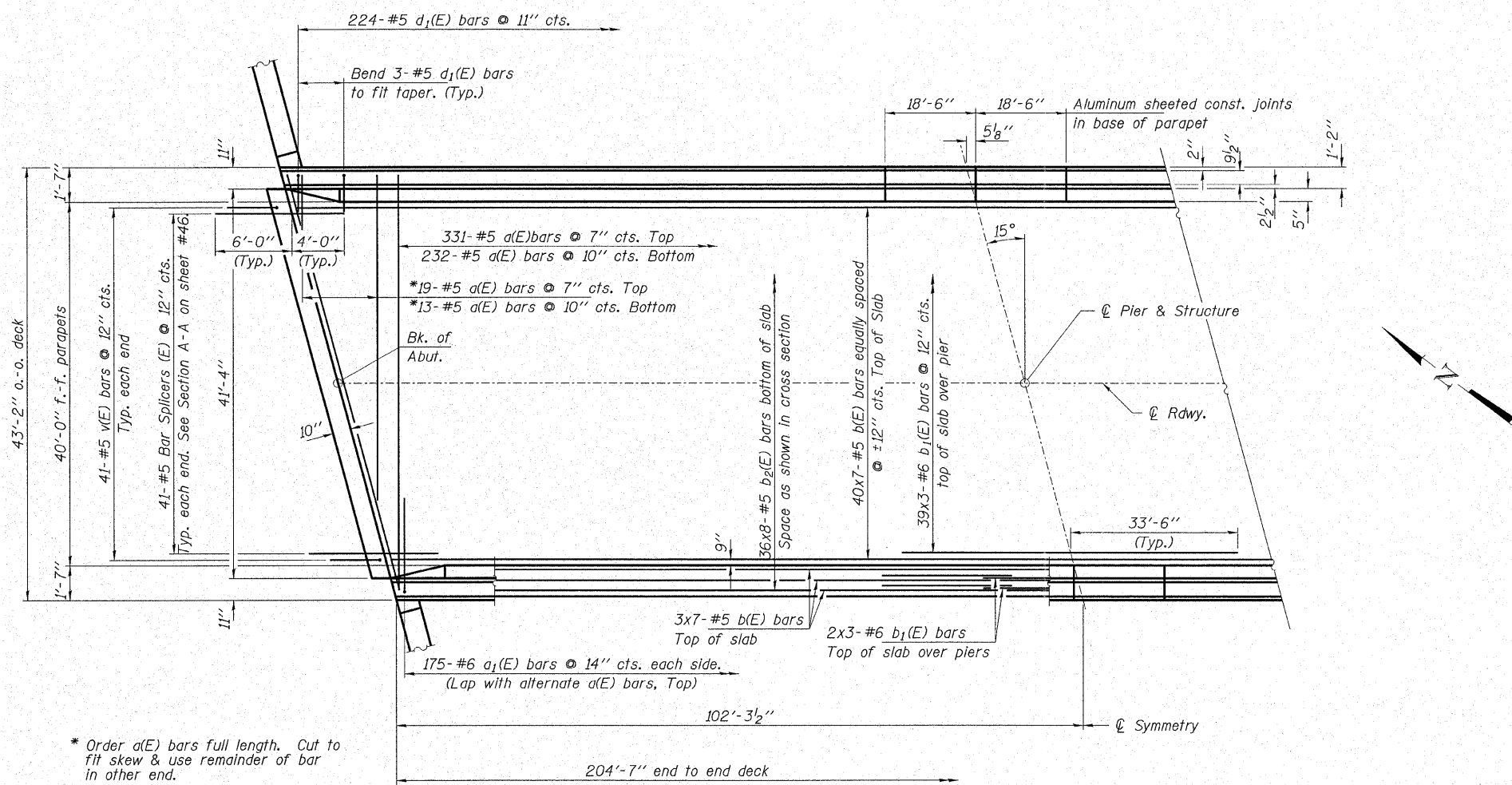


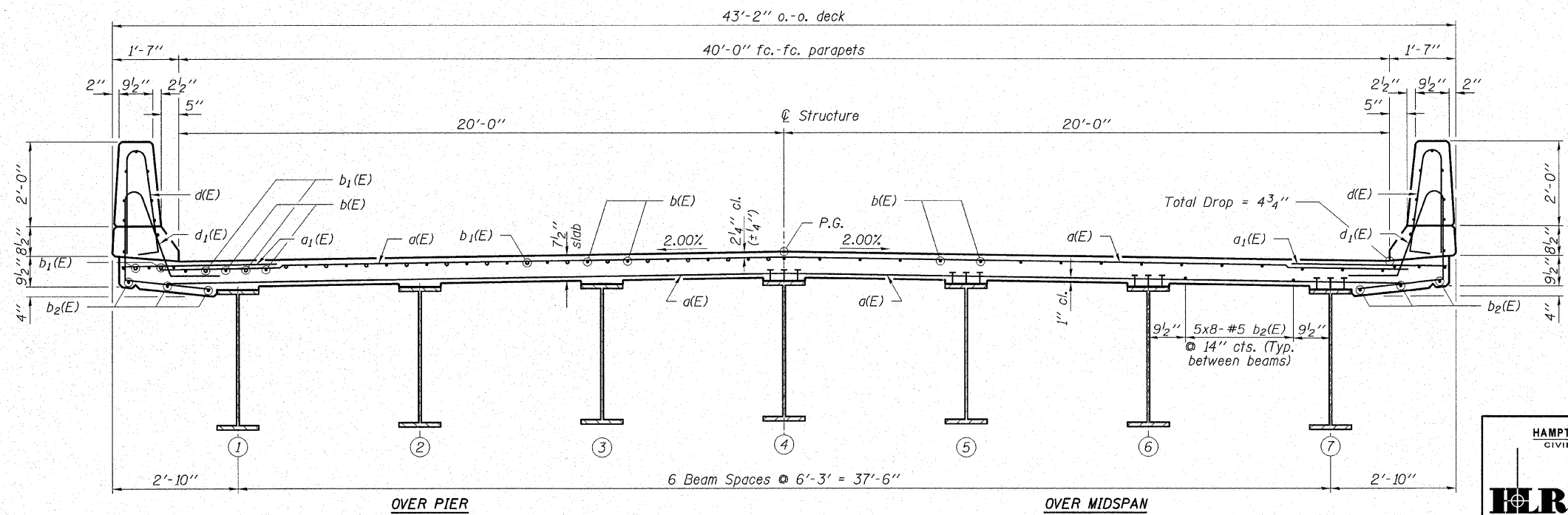
CONTRACT NO. 87325



\* Order a(E) bars full length. Cut to fit skew & use remainder of bar in other end.

Notes: See Sheets 45 & 46 for superstructure details. See Sheet 47 for Bar Splicer details. Reinforcement bars designated (E) shall be epoxy coated. Bars indicated thus 36x8-#5 etc. Indicate 36 lines of bars with 8 lengths per line. See sheet 45 for parapet reinforcement.

HALF PLAN



MIN. BAR LAPS  
#5 bars = 2'-2"  
#6 bars = 2'-7"

SUPERSTRUCTURE  
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	595	#5	41'-2"	—
a1(E)	350	#6	6'-0"	—
b(E)	322	#5	31'-1"	—
b1(E)	129	#6	24'-1"	—
b2(E)	288	#5	27'-5"	—
d(E)	448	#5	5'-7"	⊥
d1(E)	448	#5	7'-3"	⊥
e(E)	140	#4	16'-5"	—
e1(E)	32	#4	18'-2"	—
e2(E)	12	#8	30'-10"	—
e3(E)	4	#8	18'-2"	—
e4(E)	12	#4	29'-0"	—
m(E)	4	#6	42'-5"	—
m1(E)	6	#6	44'-4"	—
m2(E)	8	#6	23'-6"	—
m3(E)	12	#6	6'-1"	—
m4(E)	4	#6	2'-7"	—
s(E)	84	#5	6'-9"	⊥
s1(E)	72	#4	10'-3"	⊥
v(E)	82	#5	3'-8"	⊥
Floor Drains		Each		28
Concrete Superstructures		Cu. Yd.		301.6
Bridge Deck Grooving		Sq. Yd.		909
Protective Coat		Sq. Yd.		1,082
Stud Shear Connector		Each		2,814
Reinforcement Bars, Epoxy Coated		Pound		63,840
Bar Splicers		Each		82

**HAMPTON, LENZINI & RENWICK, INC.**  
CIVIL & STRUCTURAL ENGINEERS

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(217) 646-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-06-0030-1 DATE: 03/12/07  
DESIGNED: S.W.M. CHECKED: M.G.B. DRAWN: D.B.

**SUPERSTRUCTURE**  
SECTION 96-00044-00-BR  
FOX RIVER DRIVE / C.H. 15  
KENDALL COUNTY  
STRUCTURE NO. 047-3150 / STATION 49+62