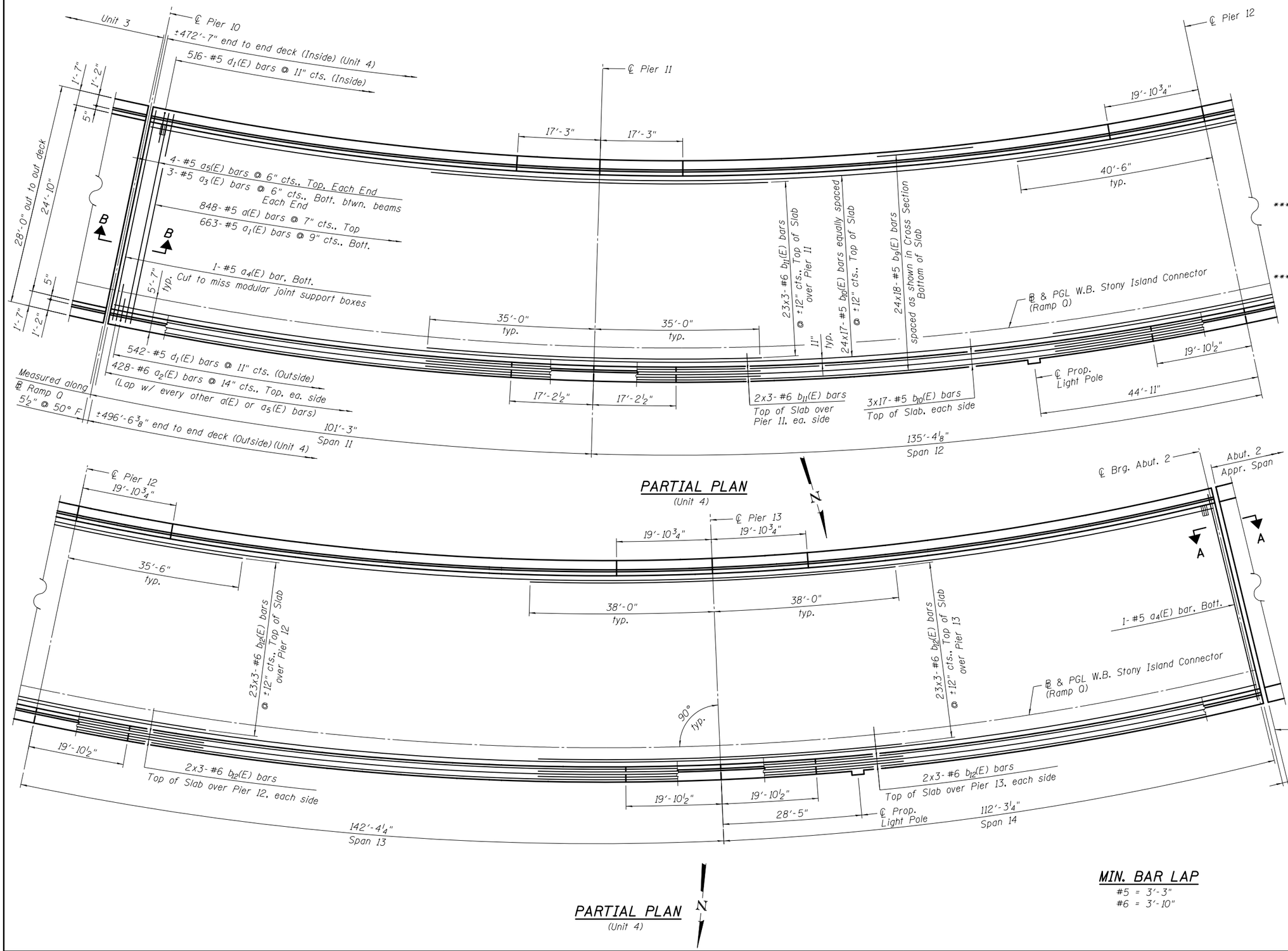

UNIT 4
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	848	#5	27'-4"	
a1(E)	663	#5	27'-0"	
a2(E)	856	#6	6'-6"	
a3(E)	18	#5	8'-3"	
a4(E)	2	#5	21'-6"	
a5(E)	8	#5	27'-4"	
a6(E)	16	#5	1'-6"	
*** a8(E)	17	#4	4'-0"	
b9(E)	432	#5	30'-8"	
b10(E)	510	#5	32'-3"	
b11(E)	81	#6	25'-11"	
b12(E)	162	#6	27'-11"	
*** b15(E)	2	#4	16'-0"	
d(E)	1058	#5	6'-10"	
d1(E)	1058	#5	7'-6"	
d2(E)	6	#6	5'-1"	
d3(E)	12	#6	8'-11"	
e(E)	67	#4	16'-8"	
e2(E)	35	#4	18'-2"	
e4(E)	35	#4	18'-6"	
e6(E)	42	#4	17'-1"	
e7(E)	77	#4	15'-7"	
e8(E)	99	#4	19'-6"	
e9(E)	35	#4	17-4"	
e15(E)	8	#4	26-6"	
e18(E)	6	#4	29'-6"	
e19(E)	8	#4	27'-6"	
e20(E)	8	#4	25'-0"	
e25(E)	8	#8	28'-9"	
e26(E)	8	#8	19'-6"	
e29(E)	8	#8	25'-0"	
e30(E)	4	#8	16'-8"	
e31(E)	8	#8	29'-10"	
e32(E)	8	#8	27'-5"	
x(E)	42	#5	6'-4"	
Reinforcement Bars, Epoxy Coated		Pound	117,400	
Concrete Superstructure		Cu. Yd.	536.0	
Bridge Deck Grooving		Sq. Yd.	1,230	
Protective Coat		Sq. Yd.	1,823	

*** Deep fillet reinforcement bars. See Sheet S-24

MIN. BAR LAP
#5 = 3'-3"
#6 = 3'-10"

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com

USER NAME =	DESIGNED - IYL	REVISED -
	CHECKED - BAK	REVISED -
PLOT SCALE =	DRAWN - MTR	REVISED -
PLOT DATE = 11/08/2012	CHECKED - IYL	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE PLAN IV
STRUCTURE NO. 016-2437
SHEET NO. S-20 OF S-83 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	183
		CONTRACT NO. 60V61		
	ILLINOIS FED. AID PROJECT			

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