

**UNIT A RAMP E
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a200(E)	24	#5	29'-4"	—
a201(E)	360	#5	28'-6"	—
a202(E)	486	#6	6'-6"	—
a203(E)	17	#5	29'-1"	—
a204(E)	17	#5	30'-0"	—
a205(E)	13	#5	29'-10"	—
a206(E)	5	#5	33'-9"	—
a207(E)	18	#5	7'-8"	—
a208(E)	3	#5	8'-8"	—
a209(E)	3	#5	6'-10"	—
a210(E)	3	#5	7'-11"	—
a211(E)	3	#5	6'-8"	—
a212(E)	5	#5	30'-3"	—
a247(E)	18	#5	7'-4"	—
a249(E)	10	#5	31'-9"	—
a250(E)	16	#5	1'-6"	—
b200(E)	256	#5	22'-3"	—
b201(E)	162	#5	31'-0"	—
d200(E)	350	#5	6'-10"	—
d201(E)	350	#5	8'-3"	—
d206(E)	3	#6	5'-1"	—
d209(E)	6	#6	8'-11"	—
e200(E)	28	#4	19'-8"	—
e211(E)	12	#4	27'-10"	—
e219(E)	12	#8	29'-11"	—
e235(E)	84	#4	19'-5"	—
x200(E)	96	#5	6'-5"	—
Concrete Superstructure			Cu. Yd.	175.6
Reinforcement Bars, Epoxy Coated			Pound	38,770

UNIT A BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a201(E)	109	#5	28'-6"	—
a202(E)	1341	#6	6'-6"	—
a209(E)	9	#5	6'-10"	—
a210(E)	3	#5	7'-11"	—
a211(E)	9	#5	6'-8"	—
a212(E)	5	#5	30'-3"	—
a213(E)	250	#5	30'-5"	—
a214(E)	250	#5	30'-9"	—
a215(E)	249	#5	31'-1"	—
a216(E)	249	#5	33'-1"	—
a217(E)	101	#5	30'-2"	—
a218(E)	101	#5	24'-7"	—
a219(E)	184	#5	33'-9"	—
a220(E)	184	#5	27'-5"	—
a221(E)	182	#5	35'-3"	—
a222(E)	182	#5	28'-11"	—
a223(E)	77	#5	24'-10"	—
a224(E)	77	#5	33'-5"	—
a225(E)	15	#6	29'-7"	—
a226(E)	3	#5	3'-5"	—
a227(E)	3	#5	5'-1"	—
a228(E)	9	#6	10'-4"	—
a229(E)	6	#5	8'-5"	—
a230(E)	7	#5	28'-6"	—
a231(E)	1	#5	29'-6"	—
a232(E)	1	#5	31'-5"	—

UNIT A BILL OF MATERIAL (CON'T)

Bar	No.	Size	Length	Shape
a233(E)	26	#5	27'-3"	—
a234(E)	37	#5	21'-4"	—
a235(E)	7	#5	16'-0"	—
a236(E)	3	#5	9'-4"	—
a237(E)	77	#5	20'-5"	—
a238(E)	9	#5	30'-8"	—
a239(E)	1	#5	29'-11"	—
a240(E)	1	#5	31'-5"	—
a241(E)	20	#5	29'-0"	—
a242(E)	39	#5	24'-5"	—
a243(E)	33	#5	18'-8"	—
a244(E)	4	#5	13'-9"	—
a245(E)	3	#5	7'-6"	—
a246(E)	105	#5	24'-0"	—
a247(E)	3	#5	7'-4"	—
a248(E)	2	#6	27'-11"	—
a250(E)	32	#5	1'-6"	—
b200(E)	116	#5	22'-3"	—
b201(E)	87	#5	31'-0"	—
b202(E)	709	#5	28'-2"	—
b203(E)	563	#5	33'-8"	—
b204(E)	248	#6	31'-2"	—
b206(E)	10	#5	17'-3"	—
b207(E)	5	#5	14'-0"	—
b208(E)	1	#5	12'-0"	—
b209(E)	1	#5	15'-6"	—
b210(E)	1	#5	19'-11"	—
b211(E)	1	#5	42'-0"	—
b212(E)	1	#5	31'-3"	—
b213(E)	1	#5	19'-11"	—
b214(E)	1	#5	11'-9"	—
b215(E)	1	#5	26'-6"	—
b216(E)	1	#5	37'-4"	—
b218(E)	6	#4	31'-0"	—
d200(E)	645	#5	6'-10"	—
d201(E)	675	#5	8'-3"	—
d202(E)	4	#5	11'-6"	—
d203(E)	92	#4	3'-6"	—
d206(E)	3	#6	5'-1"	—
d208(E)	30	#5	6'-10"	—
d209(E)	6	#6	8'-11"	—
e200(E)	7	#4	19'-8"	—
e201(E)	28	#4	17'-6"	—
e207(E)	71	#4	13'-2"	—
e210(E)	7	#4	10'-7"	—
e211(E)	9	#4	27'-10"	—
e214(E)	9	#4	25'-2"	—
e215(E)	1	#4	24'-0"	—
e218(E)	1	#4	29'-5"	—
e219(E)	9	#8	29'-11"	—
e220(E)	1	#8	29'-5"	—
e223(E)	9	#8	27'-4"	—
e226(E)	1	#8	24'-0"	—
e228(E)	8	#8	13'-2"	—
e231(E)	5	#6	13'-1"	—
e232(E)	5	#6	11'-4"	—
e235(E)	84	#4	19'-5"	—
e237(E)	7	#4	9'-5"	—
e238(E)	14	#4	13'-8"	—
Concrete Superstructure			Cu. Yd.	336.5
Reinforcement Bars, Epoxy Coated			Pound	76,990

UNIT A BILL OF MATERIAL (CON'T)

Bar	No.	Size	Length	Shape
e239(E)	42	#4	18'-11"	—
x200(E)	96	#5	6'-5"	—
Concrete Superstructure			Cu. Yd.	577.4
Reinforcement Bars, Epoxy Coated			Pound	168,750

**UNIT C SPANS 4-5
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a202(E)	512	#6	6'-6"	—
a207(E)	15	#5	7'-8"	—
a229(E)	9	#5	8'-5"	—
a250(E)	32	#5	1'-6"	—
a260(E)	278	#5	27'-3"	—
a261(E)	178	#5	24'-6"	—
a262(E)	36	#5	35'-9"	—
a263(E)	41	#5	30'-11"	—
a264(E)	114	#5	26'-2"	—
a265(E)	246	#5	30'-4"	—
a266(E)	149	#5	23'-0"	—
a267(E)	27	#5	34'-2"	—
a268(E)	47	#5	29'-2"	—
a270(E)	220	#5	15'-11"	—
a285(E)	6	#5	3'-7"	—
a286(E)	72	#5	7'-2"	—
a287(E)	15	#5	4'-11"	—
a289(E)	9	#5	5'-3"	—
b217(E)	6	#4	21'-0"	—
b260(E)	462	#5	27'-2"	—
b261(E)	548	#5	21'-3"	—
d200(E)	335	#5	6'-10"	—
d201(E)	335	#5	8'-3"	—
d203(E)	62	#4	3'-6"	—
d204(E)	6	#6	16'-5"	—
d205(E)	6	#6	17'-6"	—
d206(E)	15	#6	5'-1"	—
d207(E)	12	#6	6'-5"	—
d209(E)	6	#6	8'-11"	—
e202(E)	56	#4	18'-8"	—
e203(E)	56	#4	18'-6"	—
e212(E)	6	#4	26'-10"	—
e213(E)	6	#4	26'-5"	—
e221(E)	6	#8	28'-11"	—
e222(E)	6	#8	28'-6"	—
x200(E)	231	#5	6'-5"	—
Concrete Superstructure			Cu. Yd.	336.5
Reinforcement Bars, Epoxy Coated			Pound	76,990

**UNIT C SPANS 6-7
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a202(E)	480	#6	6'-6"	—
a207(E)	6	#5	7'-8"	—
a250(E)	32	#5	1'-6"	—
a260(E)	224	#5	27'-3"	—
a265(E)	283	#5	30'-4"	—
a276(E)	108	#5	33'-4"	—
a278(E)	116	#5	28'-2"	—
a279(E)	91	#5	25'-2"	—
a283(E)	30	#5	27'-8"	—
a286(E)	75	#5	7'-2"	—
a289(E)	9	#5	5'-3"	—
b260(E)	345	#5	27'-2"	—
b261(E)	408	#5	21'-3"	—
d200(E)	332	#5	6'-10"	—
d201(E)	332	#5	8'-3"	—
d206(E)	3	#6	5'-1"	—
d209(E)	6	#6	8'-11"	—
e203(E)	112	#4	18'-6"	—
e213(E)	12	#4	26'-5"	—
e222(E)	12	#8	28'-6"	—
x200(E)	174	#5	6'-5"	—
Concrete Superstructure			Cu. Yd.	266.4
Reinforcement Bars, Epoxy Coated			Pound	58,950

UNIT E BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a202(E)	1587	#6	6'-6"	—
a250(E)	24	#5	1'-6"	—
a283(E)	10	#5	27'-8"	—
a284(E)	30	#5	8'-3"	—
a290(E)	780	#5	30'-9"	—
a291(E)	692	#5	23'-5"	—
a292(E)	89	#5	24'-3"	—
a293(E)	5	#5	49'-4"	—
a294(E)	1109	#5	27'-1"	—
a295(E)	67	#5	27'-11"	—
a296(E)	4	#5	45'-7"	—
a297(E)	6	#6	9'-8"	—
a298(E)	10	#6	28'-0"	—
b290(E)	935	#5	26'-5"	—
b291(E)	750	#5	29'-7"	—
b292(E)	208	#6	30'-11"	—
b293(E)	208	#6	26'-0"	—
d200(E)	862	#5	6'-10"	—
d201(E)	862	#5	8'-3"	—
d206(E)	6	#6	5'-1"	—
d209(E)	12	#6	8'-11"	—
e201(E)	42	#4	17'-6"	—
e202(E)	42	#4	18'-8"	—
e203(E)	28	#4	18'-6"	—
e204(E)	56	#4	16'-2"	—
e205(E)	42	#4	18'-2"	—
e206(E)	28	#4	17'-1"	—
e207(E)	32	#4	13'-2"	—
e208(E)	32	#4	11'-2"	—
e209(E)	64	#4	9'-8"	—
e211(E)	4	#4	27'-10"	—
e213(E)	3	#4	26'-5"	—
e214(E)	3	#4	25'-2"	—
e216(E)	6	#4	23'-4"	—
e217(E)	8	#4	29'-4"	—
e220(E)	4	#8	29'-5"	—
e222(E)	3	#8	28'-6"	—
e224(E)	3	#8	26'-7"	—
e225(E)	6	#8	25'-5"	—
e227(E)	8	#8	30'-11"	—
e228(E)	4	#8	13'-2"	—
e229(E)	4	#8	11'-2"	—
e230(E)	8	#8	9'-8"	—
x200(E)	42	#5	6'-5"	—
Concrete Superstructure			Cu. Yd.	638.3
Reinforcement Bars, Epoxy Coated			Pound	181,660



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312-565-0450 Job No. 10093

FILE NAME =	USER NAME = ksnider	DESIGNED - AWH	REVISED -
		CHECKED - MFH	REVISED -
		DRAWN - AWH	REVISED -
		CHECKED - MFH	REVISED -
0162457.60J16.046.Reinforcing_Details.dgn	PLOT SCALE =		
	PLOT DATE = 12/20/2013		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE BILLS OF MATERIALS
STRUCTURE NO. 016-2457

SHEET NO. SD46 OF SD83 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2013-0388-R	COOK	821	421
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

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