

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	406
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (2425 & 2626) R-2		CONTRACT NO. 62111		

BAR LIST (FOR PLAN-I)*

(FOR INFORMATION ONLY)
(CONSTRUCTED IN PREVIOUS CONTRACT 62110)

Bar	No.	Size	Length (m)	Shape
a1(E)	262	#15	8.85	—
a2(E)	628	#15	8.45	—
a3(E)	262	#15	3.25	—
a4(E)	366	#15	5.05	—
a5(E)	366	#15	7.20	—
a6(E)	183	#20	1.40	—
b1(E)	700	#15	9.00	—
b2(E)	60	#15	4.80	—
b3(E)	68	#15	4.85	—
b4(E)	68	#15	8.75	—
b5(E)	130	#20	13.10	—
d1(E)	200	#15	0.72	┌
d2(E)	200	#15	0.73	┌
d3(E)	200	#15	1.01	┌
d4(E)	200	#15	1.05	┌
m1(E)	21	#20	10.00	—
m2(E)	7	#20	10.05	—
m3(E)	14	#20	3.75	—
m4(E)	4	#20	2.20	—
m5(E)	4	#20	2.50	—
m6(E)	2	#20	3.50	—
m7(E)	36	#20	1.95	—
m8(E)	2	#20	0.50	—
m9(E)	1	#20	1.50	—
m11(E)	2	#20	3.45	—
m12(E)	3	#20	1.40	—
m40(E)	16	#25	1.76	—
m41(E)	2	#20	1.45	—
m42(E)	48	#15	2.35	—
m43(E)	4	#15	1.87	—
m44(E)	4	#15	1.84	—
s1(E)	100	#15	3.92	┌
s2(E)	115	#15	2.05	┌
s3(E)	10	#15	1.60	┌
s4(E)	82	#15	2.24	┌
s5(E)	4	#15	2.75	┌
v(E)	124	#15	1.05	┌

BILL OF MATERIAL (FOR PLAN-I)*

(FOR INFORMATION ONLY)
(CONSTRUCTED IN PREVIOUS CONTRACT 62110)

Item	Unit	Total
Concrete Superstructure	Cu m	276.4
Reinforcement Bars, Epoxy Coated	kg	40,748

BAR LIST (FOR PLAN-II)*

(THIS CONTRACT)

Bar	No.	Size	Length (m)	Shape
a1(E)	262	#15	8.85	—
a2(E)	628	#15	8.45	—
a18(E)	262	#15	6.30	—
a19(E)	732	#15	7.65	—
a6(E)	366	#20	1.40	—
b1(E)	810	#15	9.00	—
b2(E)	70	#15	4.80	—
b3(E)	78	#15	4.85	—
b4(E)	78	#15	8.75	—
b5(E)	150	#20	13.10	—
d2(E)	400	#15	0.73	┌
d4(E)	400	#15	1.05	┌
m3(E)	28	#20	3.75	—
m7(E)	48	#20	1.95	—
m8(E)	4	#20	0.50	—
m25(E)	14	#20	13.10	—
m26(E)	14	#20	10.50	—
m27(E)	8	#20	2.75	—
m40(E)	18	#25	1.76	—
m42(E)	64	#15	2.35	—
s1(E)	120	#15	3.92	┌
s2(E)	140	#15	2.05	┌
s4(E)	96	#15	2.24	┌
v(E)	144	#15	1.05	┌

BILL OF MATERIAL (FOR PLAN-II)*

(THIS CONTRACT)

Item	Unit	Total
Concrete Superstructure	Cu m	323.4
Reinforcement Bars, Epoxy Coated	kg	47,370

BAR LIST (FOR PLAN-III)*

(THIS CONTRACT)

Bar	No.	Size	Length (m)	Shape
a20(E)	262	#15	8.90	—
a2(E)	628	#15	8.45	—
a21(E)	262	#15	2.25	—
a22(E)	366	#15	7.65	—
a23(E)	366	#15	3.55	—
a6(E)	183	#20	1.40	—
b1(E)	663	#15	9.00	—
b2(E)	58	#15	4.80	—
b3(E)	63	#15	4.85	—
b4(E)	63	#15	8.75	—
b5(E)	122	#20	13.10	—
d2(E)	400	#15	0.73	┌
d4(E)	400	#15	1.05	┌
m3(E)	20	#20	3.75	—
m7(E)	36	#20	1.95	—
m8(E)	2	#20	0.50	—
m26(E)	14	#20	10.50	—
m27(E)	4	#20	2.75	—
m28(E)	14	#20	9.90	—
m29(E)	4	#20	3.80	—
m30(E)	2	#20	1.60	—
m40(E)	14	#25	1.76	—
m42(E)	48	#15	1.40	—
m49(E)	4	#20	1.57	—
m50(E)	8	#15	1.77	—
s1(E)	100	#15	3.92	┌
s2(E)	116	#15	2.05	┌
s4(E)	82	#15	2.24	┌
v(E)	120	#15	1.05	┌

BILL OF MATERIAL (FOR PLAN-III)*

(THIS CONTRACT)

Item	Unit	Total
Concrete Superstructure	Cu m	268.9
Reinforcement Bars, Epoxy Coated	kg	38,790

BAR LIST (FOR PLAN-IV)*

(FOR INFORMATION ONLY)
(CONSTRUCTED IN PREVIOUS CONTRACT 62110)

Bar	No.	Size	Length (m)	Shape
a7(E)	262	#15	5.82	—
a8(E)	56	#15	8.65	—
a2(E)	55	#15	8.45	—
a9(E)	54	#15	8.25	—
a10(E)	55	#15	8.05	—
a11(E)	42	#15	7.85	—
a12(E)	154	#15	7.12	—
a13(E)	153	#15	6.92	—
a14(E)	59	#15	6.72	—
a15(E)	154	#15	7.42	—
a16(E)	153	#15	7.22	—
a17(E)	59	#15	7.02	—
a6(E)	183	#20	1.40	—
b1(E)	489	#15	9.00	—
b2(E)	40	#15	4.80	—
b3(E)	49	#15	4.85	—
b4(E)	46	#15	8.75	—
b5(E)	90	#20	13.10	—
d1(E)	200	#15	0.72	┌
d3(E)	200	#15	1.01	┌
m13(E)	7	#20	9.05	—
m14(E)	14	#20	4.90	—
m15(E)	12	#20	3.65	—
m16(E)	4	#20	2.15	—
m17(E)	4	#20	2.40	—
m18(E)	24	#20	1.85	—
m19(E)	2	#20	0.17	—
m20(E)	1	#20	1.93	—
m21(E)	7	#20	8.70	—
m22(E)	2	#20	3.10	—
m23(E)	2	#20	3.20	—
m24(E)	1	#20	0.97	—
m30(E)	4	#15	1.60	—
m40(E)	12	#25	1.76	—
m45(E)	2	#20	1.70	—
m46(E)	2	#20	1.30	—
m47(E)	4	#15	2.10	—
m48(E)	8	#15	0.38	—
m51(E)	32	#20	2.25	—
s1(E)	70	#15	3.92	┌
s2(E)	80	#15	2.05	┌
s3(E)	10	#15	1.60	┌
s4(E)	59	#15	2.24	┌
s5(E)	4	#15	2.75	┌
v(E)	89	#15	1.05	┌

BILL OF MATERIAL (FOR PLAN-IV)*

(FOR INFORMATION ONLY)
(CONSTRUCTED IN PREVIOUS CONTRACT 62110)

Item	Unit	Total
Concrete Superstructure	Cu m	195.5
Reinforcement Bars, Epoxy Coated	kg	28,240

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Notes:

- See Sht. RS-36 for Parapet No. 3 Bill of Material.
- See Sht. RS-37 for Parapets No. 4 and No. 5 Bill of Material.

*Including Integral Backwall and Pier Diaphragms.

SHT. RS-34 OF 70

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)
 EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION
 I-80/94 OVER RAILROAD AVENUE
 STRUCTURE NO. 016-2792 STA. 6+025.000
 SECTION 1977-121-R
 COOK COUNTY

DECK BAR LIST & BILL OF MATERIAL

DATE: 9/13/05
 DRAWN BY: LAR
 CHECKED BY: MJK

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS