

BAR LIST (FOR PLAN-I)*
(FOR INFORMATION ONLY)
(CONSTRUCTED IN PREVIOUS CONTRACT 62110)

Bar	No.	Size	Length (m)	Shape
a1(E)	370	#15	6.45	—
a2(E)	85	#15	6.55	—
a3(E)	95	#15	6.35	—
a4(E)	90	#15	6.15	—
a5(E)	100	#15	5.95	—
a6(E)	510	#20	8.05	—
a7(E)	120	#15	5.20	—
a8(E)	125	#15	5.00	—
a9(E)	130	#15	4.80	—
a10(E)	135	#15	4.60	—
a11(E)	255	#20	1.40	—
b1(E)	396	#15	9.00	—
b2(E)	45	#15	5.00	—
b3(E)	42	#15	3.30	—
b4(E)	40	#15	7.20	—
b5(E)	79	#20	11.80	—
d1(E)	240	#15	1.15	┘
d2(E)	240	#15	0.73	┘
m1(E)	14	#20	7.65	—
m2(E)	7	#20	5.45	—
m3(E)	7	#20	4.65	—
m4(E)	16	#20	3.85	—
m5(E)	8	#20	2.25	—
m6(E)	4	#20	2.95	—
m7(E)	4	#20	2.50	—
m8(E)	4	#20	1.60	—
m9(E)	4	#20	3.25	—
m10(E)	6	#20	2.55	—
m11(E)	2	#20	0.25	—
m12(E)	2	#20	1.10	—
m13(E)	1	#20	2.20	—
m14(E)	1	#20	1.40	—
s1(E)	42	#15	4.38	┘
s2(E)	27	#15	4.30	┘
s3(E)	73	#15	2.00	┘
s4(E)	12	#15	2.35	┘
s5(E)	4	#15	2.98	┘
v(E)	77	#15	0.98	┘

BILL OF MATERIAL (FOR PLAN-I)*
(FOR INFORMATION ONLY)
(CONSTRUCTED IN PREVIOUS CONTRACT 62110)

Item	Unit	Total
Concrete Superstructure	Cu m	201.5
Reinforcement Bars, Epoxy Coated	kg	35,800

BAR LIST (FOR PLAN-II)*
(THIS CONTRACT)

Bar	No.	Size	Length (m)	Shape
a101(E)	370	#15	7.05	—
a102(E)	370	#15	8.75	—
a103(E)	370	#15	3.80	—
a104(E)	510	#15	3.00	—
a105(E)	510	#15	8.75	—
a106(E)	510	#15	7.90	—
a107(E)	255	#20	1.40	—
b1(E)	917	#15	9.00	—
b2(E)	68	#15	5.00	—
b3(E)	68	#15	3.30	—
b4(E)	63	#15	7.20	—
b5(E)	122	#20	11.80	—
d2(E)	240	#15	0.73	┘
d3(E)	220	#15	1.12	┘
m4(E)	40	#20	3.85	—
m9(E)	8	#20	3.25	—
m10(E)	12	#20	2.55	—
m15(E)	14	#20	8.65	—
m16(E)	14	#20	9.25	—
m17(E)	22	#20	2.75	—
m18(E)	2	#20	0.80	—
m19(E)	2	#20	1.26	—
s2(E)	110	#15	4.30	┘
s3(E)	124	#15	2.00	┘
v(E)	120	#15	0.98	┘

BILL OF MATERIAL (FOR PLAN-II)*
(THIS CONTRACT)

Item	Unit	Total
Concrete Superstructure	Cu m	280.2
Reinforcement Bars, Epoxy Coated	kg	49,120

BAR LIST (FOR PLAN-III)*
(THIS CONTRACT)

Bar	No.	Size	Length (m)	Shape
a121(E)	332	#15	8.60	—
a122(E)	332	#15	6.77	—
a123(E)	473	#15	7.45	—
a124(E)	473	#15	8.00	—
a125(E)	237	#20	1.40	—
b1(E)	728	#15	9.00	—
b2(E)	53	#15	5.00	—
b3(E)	53	#15	3.30	—
b4(E)	51	#15	7.20	—
b5(E)	98	#20	11.80	—
d2(E)	240	#15	0.73	┘
d3(E)	220	#15	1.12	┘
m1(E)	14	#20	7.65	—
m9(E)	8	#20	3.25	—
m18(E)	2	#20	0.80	—
m22(E)	10	#20	2.35	—
m29(E)	14	#20	8.25	—
m30(E)	32	#20	3.65	—
m31(E)	8	#20	2.65	—
m32(E)	2	#20	1.36	—
s2(E)	96	#15	4.30	┘
s3(E)	106	#15	2.00	┘
v(E)	96	#15	0.98	┘

BILL OF MATERIAL (FOR PLAN-III)*
(THIS CONTRACT)

Item	Unit	Total
Concrete Superstructure	Cu m	224.4
Reinforcement Bars, Epoxy Coated	kg	37,310

BAR LIST (FOR PLAN-IV)*
(THIS CONTRACT)

Bar	No.	Size	Length (m)	Shape
a131(E)	332	#15	6.20	—
a132(E)	70	#15	8.55	—
a133(E)	70	#15	8.35	—
a134(E)	70	#15	8.15	—
a135(E)	70	#15	7.95	—
a136(E)	53	#15	7.75	—
a137(E)	473	#15	4.95	—
a138(E)	105	#15	5.65	—
a139(E)	95	#15	5.45	—
a140(E)	100	#15	5.25	—
a141(E)	100	#15	5.05	—
a142(E)	73	#15	4.85	—
a143(E)	473	#20	5.10	—
a144(E)	237	#20	1.40	—
b1(E)	680	#15	9.00	—
b2(E)	51	#15	5.00	—
b3(E)	47	#15	3.30	—
b4(E)	47	#15	7.20	—
b5(E)	92	#20	11.80	—
d1(E)	220	#15	1.15	┘
d2(E)	240	#15	0.73	┘
m8(E)	24	#20	3.60	—
m11(E)	2	#20	0.25	—
m14(E)	1	#20	1.40	—
m20(E)	7	#20	7.15	—
m21(E)	8	#20	2.15	—
m22(E)	9	#20	2.35	—
m23(E)	7	#20	8.95	—
m24(E)	7	#20	8.45	—
m25(E)	7	#20	6.65	—
m26(E)	8	#20	3.15	—
m27(E)	2	#20	2.10	—
m28(E)	8	#20	3.95	—
s1(E)	39	#15	4.38	┘
s2(E)	44	#15	4.30	┘
s3(E)	90	#15	2.00	┘
s4(E)	12	#15	2.35	┘
s5(E)	4	#15	2.98	┘
v(E)	91	#15	0.98	┘

BILL OF MATERIAL (FOR PLAN-IV)*
(THIS CONTRACT)

Item	Unit	Total
Concrete Superstructure	Cu m	225.4
Reinforcement Bars, Epoxy Coated	kg	37,580

*Includes deck and integral backwalls.

Notes:
1. See Sht. BS-25 for South Parapet Bill of Material.
2. See Sht. BS-27 for Median Parapet Bill of Material.

\S:\99002A\LDN...SU99002A.DGN
 7-12-2005, 10:26:40
 T:\DOCUMENT\9317501\STRUCT\LDN\SU7699A.DGN
 12.3.4.56.78.9.10.11.12.13.14.15.16.17.18.19.20.223.242.25.26.27.28.29.30.31.32.33.34.35.36.37.38.39.40.41.42.43.44.45.46.47.48.49.50.51.52.53.54.55.56.57.58.59.60.61.62.63

SHT. BS-23 OF 60

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 BURNHAM AVENUE
 STRUCTURE NO. 018-2791 STA. 6+772.591
 SECTION 1977-121-R
 COOK COUNTY

**DECK BAR LIST
& BILL OF MATERIAL**

DATE: 7/18/2005
 DRAWN BY: LAR
 CHECKED BY: MJK

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