STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

		South Approach (S.N.016-3241)			Central/I-55 (S.N.016-0724)			North Approach (S.N.016-3240)			Retaining Wall (S.N.016-W821)			Ramp 1 Wall (S.N.016-1304)			Ramp 2 Wall (S.N.016-1305)			Ramp 3 Wall (S.N.016-1306)			Ramp 4 Wall (S.N.016-1307)		
ITEM	UNIT	SUPER	SUB	TOTAL	SUPER	SUB	TOTAL	SUPER	SUB	TOTAL	SUPER	SUB	TOTAL	SUPER	SUB	TOTAL	SUPER	SUB	TOTAL	SUPER	SUB	TOTAL	SUPER	SUB	TOTAL
POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD		342	342								1070	1070												
STONE RIPRAP, CLASS A4	SQ YD								278	278															
FILTER FABRIC	SQ YD								306	306															
REMOVAL OF EXISTING SUPERSTRUCTURES	EACH				1		1																		
CONCRETE REMOVAL	CU YD		469.7	469.7		1489.5	1489.5	10.8	171.6	182.4		113.4	113.4												
BRIDGE RAIL REMOVAL	FOOT	953		953	3150		3150	1292.4		1292.4			319												
REMOVAL OF EXISTING BEARINGS	EACH	66		66				30		30															
REMOVAL OF EXISTING SUB-STRUCTURES - ABUTMENT TYPE 1	EACH					4	4																		
REMOVAL OF EXISTING SUB-STRUCTURES - ABUTMENT TYPE 2	EACH					2	2																		
REMOVAL OF EXISTING SUB-STRUCTURES - PIER	EACH					19	19																		
PROTECTIVE SHIELD	SQ YD	5642.1		5642.1	1681.1		1681.1	3886.3		3886.3															
STRUCTURE EXCAVATION	CU YD		956	956		3,967.3	3,967.3		196.8	196.8		1023	1023		1305	1305		1391	1391		1157	1157		1315	1315
COFFERDAM EXCAVATION	CU YD								368.3	368.3															
COFFERDAM (LOCATION-1)	EACH								1	1															
COFFERDAM (LOCATION-2)	EACH								1	1															
HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 450K (ERECT ONLY)	EACH							17		17															
CONCRETE STRUCTURES	CU YD	9.3	908.5	917.8	59.0	4,423.1	4,482.1		616.5	616.5		668.9	668.9		2.9	2.9		3.1	3.1		251.4	251.4		2.9	2.9
CONCRETE SUPERSTRUCTURE	CU YD	1551.2		1551.2	3515.1		3515.1	2242.7		2242.7				183.8		183.8	183.8		183.8	102.8		102.8	183.8		183.8
BRIDGE DECK GROOVING	SQ YD	4309		4309	9439		9439	5800		5800															
PROTECTIVE COAT	SQ YD	6005		6005	11418		11418	8375		8375		607	607		1661	1661		1749	1749		1033	1033		1705	1705
ERECTING STRUCTURAL STEEL	L SUM	0.08		0.08	0.81		0.81	0.11		0.11															
STUD SHEAR CONNECTORS	EACH	23570		23570	47410		47410	9,533		9533															
JACK AND REMOVE EXISTING BEARINGS	EACH	32		32				31		31															
STRUCTURAL STEEL REMOVAL	L SUM	0.45		0.45				0.55		0.55															
STRUCTURAL STEEL REPAIR	POUND	45,090		45,090																					
CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1		1																					
CLEANING AND PAINTING STEEL BRIDGE NO. 2	L SUM							1		1															
CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1		1																					
CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 2	L SUM							1		1															
REINFORCEMENT BARS, EPOXY COATED	POUND	452,750	140,780	593,530	877,380	637,190	1,514,570	465,830	221,170	687,000		80,660	80,660		23290	23290		23390	23390		31610	31610		23510	23510
BAR SPLICERS	EACH	1,559	159	1,718	2637	62	2699	770		770															
ALUMINUM RAILING, TYPE L	FOOT	971.4		971.4	257.5		257.5	1334.3		1334.3			325												
FURNISHING METAL SHELL PILES 12"X 0.250"	FOOT		2799	2799		38,018	38,018					5356	5356								2120	2120			
DRIVING PILES	FOOT		2799	2799		38,018	38,018					5356	5356								2120	2120			
TEST PILE METAL SHELLS	EACH		6	6		18	18					2	2								1	1			
TEMPORARY SHEET PILING	SQ FT					13566	13566																		
NAME PLATES	EACH	1		1	1		1	1		1															
DRILLED SHAFT IN SOIL	CU YD								611.9	611.9															
PREFORMED JOINT STRIP SEAL	FOOT	110		110	350		350																		
FINGER PLATE EXPANSION JOINT, 6" (ERECT ONLY)	FOOT							116		116															
ERECTING ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	82		82				46		46															
ERECTING ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	38		38				20		20															
ERECTING ELASTOMERIC BEARING ASSEMBLY, TYPE III	EACH							17		17															
ANCHOR BOLTS, 1"	EACH	252		252	268		268	132		132															
ANCHOR BOLTS, 1¼"	EACH				8		8	8		8															
ANCHOR BOLTS, 1½"	EACH				36		36	76		76															
ANCHOR BOLTS, 2"	EACH				16		16																		
CONCRETE SEALER	SQ FT		7910	7910		41,371	41,371		4368	4368															
EPOXY CRACK INJECTION	FOOT								66	66															
GEOCOMPOSITE WALL DRAIN	SQ YD		268	268								625	625												
PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT		133	133								323	323												
FIELD MEASUREMENTS	L SUM		0.18	0.18		0.3	0.3		0.52	0.52															
BRACED EXCAVATION	CU YD		116	116		323	323																		
DRAINAGE SCUPPERS, DS-12	EACH	22		22	16		16	26		26															
STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5")	SQ FT					40	40		88	88															
STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5")	SQ FT		161	161																					
ERECTING MODULAR EXPANSION JOINT 6"	FOOT	99		99																					
MODULAR EXPANSION JOINT-SWIVEL 6" (ERECT ONLY)	FOOT				186		186																		
HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED, 250K (ERECT ONLY)	EACH				20		20																		
HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED, 500K (ERECT ONLY)	EACH				2		2																		
HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 150K (ERECT ONLY)	EACH				40		40																		
ERECTING HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 250K	EACH				40		40																		
HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 350K (ERECT ONLY)	EACH				4		4																		
HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 900K (ERECT ONLY)	EACH				4		4																		
HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 150K (ERECT ONLY)	EACH				34		34																		
HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 800K (ERECT ONLY)	EACH				4		4																		
HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 1500K (ERECT ONLY)	EACH				4		4																		
REMOVAL OF EXISTING CONCRETE DECK NO. 1	EACH	1		1																					
REMOVAL OF EXISTING CONCRETE DECK NO. 2	EACH							1		1															
DRAINAGE SYSTEM	L SUM	0.18		0.18	0.28		0.28	0.54		0.54															
JACKING EXISTING SUPERSTRUCTURE	L SUM	0.55		0.55				0.45		0.45															
MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT														11,796	11,796		12749	12749		7535	7535		12126	12126
MECHANICAL SPLICERS	EACH		96	96		308	308		34	34															
PILE EXTRACTION	EACH					86	86																		
TEMPORARY SOIL RETENTION SYSTEM	SQ FT		745	745																					
DECK SLAB REPAIR (PARTIAL)	SQ YD				20		20																		
DECK SLAB REPAIR (FULL DEPTH, TYPE 1)	SQ YD				20		20																		
CONTRACTOR DESIGNED GROUND IMPROVEMENT	L SUM																								
DRAINAGE SCUPPERS, DS-33	EACH							12		12					0.25	0.25		0.25	0.25		0.25	0.25		0.25	0.25
DRAINAGE SCUPPERS, DS-11	EACH	2		2	6		6	3		3															
DRILLED SHAFT IN ROCK	CU YD								8.1	8.1															

OVERALL TOTAL BILL OF MATERIAL

TY·LIN INTERNATIONAL

DESIGNED -	AMD
CHECKED -	AMD,
DRAWN -	AMD
CHECKED -	AMD,
DATE -	03/25/2011

REVISIONS	
NAME	DATE

SHEET NO. 2

3 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	0711.2R & 1011.1BR	COOK	741	252
		CONTRACT NO. 60999		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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5/10/2011