

ROADWAY SCHEDULE												
LOCATION	BRIDGE APPROACH PAVEMENT	SUBBASE GRANULAR MATERIAL, TYPE B	HOT-MIX ASPHALT SURF. CSE. MIX "D", N70	HOT-MIX ASPHALT BINDER CSE. IL-19.0 N70	LEVELING BINDER (MACHINE METHOD)	HOT-MIX ASPHALT SHOULDER 4"	GUARDRAIL AGGREGATE EROSION CONTROL	STRIP REFLECTIVE CRACK CONTROL	PAVEMENT REMOVAL	AGGREGATE SHOULDERS, TYPE B	TEMPORARY RAMP **	BITUMINOUS MATERIALS (PRIME COAT)
	SQ YD	TON	TON	TON	TON	SQ YD	TON	FOOT	SQ YD	TON	SQ YD	GAL
STAGE I												
STA. 16+00 TO STA. 18+79	100	68	24.9	108.0	1.5		42		129	18	36	118
STA. 19+17 TO STA. 23+00	100	106	39.0	169.8	1.4		78		124	33	77	187
STAGE II												
RT STA. 18+19.56 TO STA. 18+79	131								188		49	
RT STA. 19+17 TO STA. 19+74.44	131								182		105	
FINAL												
STA. 15+50 TO STA. 18+49.62		92	147.2		107.8	405		646			30	303
STA. 19+44.49 TO STA. 23+50		120	182.3		354.6	527		646			24	377
TOTAL	462	386	393.4	277.8	465.5	932	120	1,292	623	51	321	985
USE	462	386	393	278	466	932	120	1292	623	51	321	985

EARTHWORK SCHEDULE						
LOCATION	EARTH EXCAVATION (CU YD)	SHRINKAGE FACTOR	PERCENT USED	AVAILABLE EXCAVATION* (CU YD)	EMBANKMENT REQUIRED (CU YD)	EARTHWORK BALANCE (CU YD)
STAGE I						
STA. 15+50.00 TO 18+49.62	129	15%	100%	110	72	38
STA. 19+44.49 TO 24+00.00	194	15%	100%	165	170	-5
STAGE II						
STA. 15+50.00 TO 18+49.62	96	15%	100%	82	266	-184
STA. 19+44.49 TO 24+00.00	914	15%	100%	777	913	-136
CHANNEL EXCAVATION	1,210	15%	70%	720		720
TOTAL:	1,333			1,854	1,421	433
USE:	1,330					200

* AVAILABLE EXCAVATION = EXC X (1-SHRINKAGE FACTOR) X % USED

WASTE

GUARDRAIL TABULATION						
LOCATION	STEEL PLATE BEAM GUARDRAIL TYPE A	TEMPORARY TRAFFIC BARRIER TERMINAL		STEEL PLATE BEAM GUARDRAIL TYPE A	TRAFFIC BARRIER TERMINAL	
		TYPE 1 SPECIAL (TANGENT)	TYPE 6		TYPE 1 SPECIAL (TANGENT)	TYPE 6
	FOOT	EACH	EACH	FOOT	EACH	EACH
RT. STA. 16+87.11 TO STA. 17+37.11					1	
RT. STA. 17+37.11 TO STA. 17+87.11				50		
RT. STA. 17+87.11 TO STA. 18+32.76						1
LT. STA. 17+76.05 TO STA. 18+26.05		1			1	
LT. STA. 18+26.05 TO STA. 18+71.7			1			1
RT. STA. 19+21.79 TO STA. 19+67.44						1
RT. STA. 19+67.44 TO STA. 20+17.44					1	
LT. STA. 19+60.92 TO STA. 20+06.57			1			1
LT. STA. 20+06.57 TO STA. 20+56.57	50			50		
LT. STA. 20+56.57 TO STA. 21+06.57		1			1	
TOTAL	50	2	2	100	4	4

RECESSED REFLECTIVE PAVEMENT MARKERS	
LOCATION	EACH
CL STA. 15+75	1
CL STA. 16+50	1
CL STA. 17+25	1
CL STA. 18+00	1
CL STA. 19+50	1
CL STA. 20+25	1
CL STA. 21+00	1
CL STA. 21+75	1
CL STA. 22+50	1
CL STA. 23+25	1
TOTAL	10

GUARDRAIL MARKERS	
LOCATION	EACH
RT. STA. 16+87.11 TO STA. 20+17.44	9
LT. STA. 17+76.05 TO STA. 21+06.57	9
TOTAL	18

TERMINAL MARKER DIRECT APPLIED	
LOCATION	EACH
RT. STA. 16+87.11	1
LT. STA. 17+76.05	1
RT. STA. 20+17.44	1
LT. STA. 21+06.57	1
TOTAL	4

STEEL PLATE BEAM GUARDRAIL REMOVAL	
LOCATION	FOOT
STAGE I	
RT. STA. 16+71.98 TO STA. 18+59.60	188
LT. STA. 17+77.69 TO STA. 18+94.35	117
RT. STA. 18+99.60 TO STA. 20+29.92	130
LT. STA. 19+33.48 TO STA. 21+18.50	185
STAGE II	
LT. STA. 17+76.05 TO STA. 18+71.70	96
LT. STA. 19+60.92 TO STA. 21+06.57	146
TOTAL	862

TEMPORARY PAVEMENT MARKING - STAGE CONSTRUCTION			
LOCATION	LINE 4" SOLID WHITE	LINE 4" SOLID YELLOW	LINE 4" DOTTED WHITE
	FOOT	FOOT	FOOT
STAGE I			
RT STA. 16+00 TO STA. 23+00	700		
LT STA. 16+00 TO STA. 23+00	700		
CL STA. 16+00 TO STA. 23+00		1,400	
STA. 16+00 TO STA. 17+00 (RT TURN LANE)			25
STA. 16+00 TO STA. 17+00 (LT TURN LANE)			25
STA. 21+45 TO STA. 23+00			39
STAGE II			
RT STA. 16+00 TO STA. 23+00	700		
LT STA. 16+00 TO STA. 23+00	700		
CL STA. 16+00 TO STA. 23+00		1,400	
STA. 16+00 TO STA. 17+10 (RT TURN LANE)			28
STA. 16+00 TO STA. 17+10 (LT TURN LANE)			28
STA. 21+45 TO STA. 23+00			39
SUBTOTAL	2,800	2,800	184
TOTAL	5,784		

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	
LOCATION	SQ YD
STA. 15+50 TO STA. 17+00	972
STA. 22+50 TO STA. 23+50	533
TOTAL	1505

PAVED DITCH REMOVAL	
LOCATION	FOOT
LT STA. 17+54 TO LT STA. 19+19	165
TOTAL	165

PAVEMENT MARKING REMOVAL	
LOCATION	SQ FT
CL STA. 16+00 TO CL STA. 23+00	1,528
TOTAL	1,528

WORK ZONE PAVEMENT MARKING REMOVAL	
LOCATION	SQ FT
STAGE I	963
STAGE II	965
TOTAL	1,928

HAMPTON, LENZINI & RENWICK, INC.
 CIVIL & STRUCTURAL ENGINEERS
 LAND SURVEYORS

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ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-05-0050-1 DATE: 08/29/07
 DESIGNED: L.F.S. CHECKED: S.W.M. DRAWN: D.T.M.

SCHEDULE OF QUANTITIES
 SECTION 01-00268-00-BR
 F.A.S. 2111 / FABYAN PARKWAY
 KANE COUNTY