

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 321	05-00057-02-RS	IROQUOIS	100	4
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO.	
			87322	

PAVEMENT MARKING SCHEDULE										
LOCATION	PAINT								SHORT TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL
	PERMANENT				TEMPORARY					
	4" SINGLE WHITE EDGE LINE	4" SKIP DASH YELLOW CENTERLINE	4" SOLID YELLOW CENTERLINE	24" WHITE STOP BAR	4" SINGLE WHITE EDGE LINE	4" SKIP DASH YELLOW CENTERLINE	4" SOLID YELLOW CENTERLINE	24" WHITE STOP BAR		
FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	
CH4										
CL STA. 192+00 TO CL STA. 340+23.11		3706				3706			8894	4158
LT. STA. 192+00 TO LT. STA. 340+23.11	14643			24	14643			24		4880
RT. STA. 192+00 TO RT. STA. 340+23.11	14659			22	14659			22		4881
RT. STA. 331+00 TO RT. STA. 340+23.11			923			923				305
SUBTOTAL	29302	3706	923	46	29302	3706	923	46	8894	14224
TOTAL		33931		46		33931		46	8894	14224

PERMANENT SURVEY MARKERS, TYPE I		
LOCATION	STATION	EACH
CL	PI 217+93.49	1
CL	PI 244+47.54	1
CL	PI 271+41.07	1
CL	PI 298+16.54	1
CL	PI 324+72.97	1
CL	PI 337+75.16	1
TOTAL		6

EARTHWORK SUMMARY						
LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	% USED	EARTH EXCAVATION AVAILABLE	EMBANKMENT REQUIRED	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CUBIC YARD	CUBIC YARD		CUBIC YARD	CUBIC YARD	CUBIC YARD
CH 4						
STA. 192+00.00 TO STA. 340+09.00	373	280	100.00%	280	2694	-2414
STA. 344+04.44 TO STA. 345+05.00	9	7	100.00%	7	96	-89
ENTRANCES						
TOTAL	382	287		287	2790	-2503

FURNISHED EXCAVATION REQUIRED = 2503 CU.YD.

SEEDING SUMMARY							
LOCATION	SEEDING CLASS 2 (SPECIAL)	TEMPORARY EROSION CONTROL SEEDING	NITROGEN FERTILIZER NUTRIENT 90 LBS/ACRE	PHOSPHORUS FERTILIZER NUTRIENT 90 LBS/ACRE	POTASSIUM FERTILIZER NUTRIENT 90 LBS/ACRE	AGRICULTURAL GROUND LIME/STONE 2 TONS/ACRE	MULCH METHOD 2 ACRES
	ACRES	LBS	LBS	LBS	LBS	TONS	ACRES
LT STA 192+00 TO LT STA 340+23.11	1.83	732	165	165	165	3.66	1.83
RT STA 192+00 TO RT STA 340+23.11	1.77	708	159	159	159	3.54	1.77
LT STA. 344+04.44 TO LT STA. 345+05.00	0.02	8	2	2	2	0.04	0.02
RT STA. 344+04.44 TO RT STA. 345+05.00	0.02	8	2	2	2	0.04	0.02
TOTAL	3.64	1456	328	328	328	7.28	3.64

* 100 LBS/ACRE FOR 4 APPLICATIONS
FERTILIZER, LIMESTONE AND MULCH QUANTITIES ARE FOR INFORMATION ONLY

ROADWAY SCHEDULE												
LOCATION	HOT-MIX ASPHALT SURFACE CSE	LEVELING BINDER (MM)	LEVELING BINDER (MM)	HOT-MIX ASPHALT SURFACE REMOVAL	TEMPORARY RAMP	BITUMIONUS MATERIAL PRIME COAT	AGGREGATE PRIME COAT	HOT-MIX ASPHALT SHOULDERS	HOT-MIX ASPHALT SHOULDERS	AGGREGATE SHOULDER TYPE A	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE TYPE B
	1.5" MIX "C", N50	N50	N50	BUTT-JOINT	SQ YD	GAL	TON	6"	3"	6"	TON	6"
	TON	TON	TON	SQ YD.	SQ YD	GAL	TON	SQ YD	SQ YD	SQ YD	TON	TON
STA. 192+00 TO STA. 340+23.11	3048	3526	3203	98	134	3623	72	220	180	12806		
STA. 343+91.38 TO STA. 345+05								102	88			
SIDERoads				84	42	52					78	
ENTRANCES						130					36	39
TOTAL	3048	3526	3203	182	176	3805	72	322	268	12806	114	39

GUARDRAIL TABULATION						
LOCATION	STEEL PLATE BEAM GUARDRAIL TYPE A	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)	TRAFFIC BARRIER TERMINAL TYPE 5A	TERMINAL MARKER DIRECT APPLIED	GUARDRAIL MARKERS	GUARDRAIL REMOVAL
	FOOT	EACH	EACH	EACH	EACH	FOOT
LT. STA. 338+07.97 TO LT. STA. 340+08.72	137.5	1	1	1	4	200
RT. STA. 338+07.97 TO RT. STA. 340+08.72	137.5	1	1	1	4	200
RT. STA. 344+05.00 TO RT. STA. 344+80.75	12.5	1	1	1	2	75
LT. STA. 344+05.00 TO LT. STA. 344+80.75	12.5	1	1	1	2	75
TOTAL	300	4	4	4	12	550

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

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HLR

ELGIN • SPRINGFIELD

PROJECT NUMBER: 03-46-0001-1 DATE: 02/04/08
DESIGNED: L.F.S. CHECKED: DRAWN: W.J.S.

SCHEDULE OF QUANTITIES
F.A.S. 321 / C.H. 4
SECTION 05-00057-02-RS
IROQUOIS COUNTY