

CHANNEL EXCAVATION	
IL 130	CU YD
(Width of Bridge + 20' (Riprap) Area for Bridge Section) / 27	1052
Total	1052

EARTHWORK SCHEDULE					
Location	Earth Excavation	Excavation to be used in Embankment*	Embankment	Earthwork Balance**	
From	To	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard
<i>IL 130 over Embarras River</i>					
<b>Stage 1</b>					
2075+85	2079+21	51.9	38.9	181.1	-142.2
2080+00	2083+30	42.2	31.7	281.1	-249.4
<b>Stage 2</b>					
2075+85	2079+21	3.1	2.3	295.4	-293.1
2080+00	2083+85	0.9	0.7	342.5	-341.8
<b>TOTAL</b>		<b>98.1</b>	<b>73.6</b>	<b>1100.1</b>	<b>-1026.6</b>
<b>USE</b>		<b>100</b>		<b>USE</b>	<b>1030</b>

\* Adjusted for Shrinkage (25% Shrinkage Assumed)  
 \*\* Waste (+) or Shortage (-)

SEEDING, CLASS 2A			
IL 130	Station	Station	ACRE
	2075+85	2083+85	Lt 0.32
	2075+85	2083+30	Rt 0.31
			Round to the nearest 0.25
			Total 0.6
			Use 0.75

MULCH, METHOD 2			
IL 130	Station	Station	ACRE
	2075+85	2078+92	Lt 0.03
	2075+85	2077+20	Rt 0.05
	2077+49	2079+21	Rt 0.02
	2080+43	2083+87	Lt 0.03
	2080+72	2083+27	Rt 0.03
			Round to the nearest 0.25
			Total 0.25

EROSION CONTROL BLANKET			
IL 130	Station	Station	SQ YD
	2075+85.00	2078+98.30	Lt 529
	2075+85.00	2077+16.78	Rt 105
	2077+54.25	2079+50.00	Rt 395
	2080+18.30	2083+86.63	Lt 761
	2080+65.00	2083+26.52	Rt 489
			Total 2279

TEMPORARY DITCH CHECKS			
IL 130	Station	Side	Offset
	2075+95.00	Rt	32
	2079+00.00	Rt	40
			Total 28

PERIMETER EROSION BARRIER			
IL 130	Station	Station	FOOT
	2075+85.00	2078+95.00	Lt 310.0
	2077+55.00	2079+45.00	Rt 190.0
	2080+20.00	2083+84.00	Lt 364.0
	2080+70.00	2083+30.00	Rt 260.0
			Total 1124

INLET AND PIPE PROTECTION			
IL 130	Station	Side Offset (ft)	
	277+05.00	Rt 32.5	
			Total 1

NITROGEN FERTILIZER NUTRIENT			
IL 130 over Embarras River	Acres	90 lb/acre POUND	
See Seeding Calculations	0.75	68	
			Total 68

PHOSPHORUS FERTILIZER NUTRIENT			
IL 130	Acres	90 lb/acre POUND	
See Seeding Calculations	0.75	68	
			Total 68

POTASSIUM FERTILIZER NUTRIENT			
IL 130	Acres	90 lb/acre POUND	
See Seeding Calculations	0.75	68	
			Total 68

TEMPORARY EROSION CONTROL SEEDING			
IL 130	Acres	Applications	100 lb/acre POUND
See Seeding Calculations	0.75	2	150
			Total 150

AGGREGATE SURFACE COURSE, TYPE B					
IL 130	Station	width(ft)	Area (Sq Ft)	Depth (in)	2.05 ton/cu yd TON
	2077+42.00	FE 30	900	6	16.7
					34.2
					Total 35

BITUMINOUS MATERIALS (PRIME COAT)				
IL 130	Station	Station	1st App	2nd App
	2075+85.00	2078+85.00	0.08 gal/sq yd	0.05 gal/sq yd
	2080+79.00	2083+15.00	55.0	34.4
			GALLON	
			113.5	
			89.3	
			Total 203	

AGGREGATE (PRIME COAT)				
IL 130	Station	Station	1st App	2nd App
	2075+70.00	2078+85.00	0.002 ton/sq yd	0.001 ton/sq yd
	2080+79.00	2083+30.00	1.75	0.87
			TON	
			2.62	
			2.06	
			Total 4.7	

LEVELING BINDER (MACHINE METHOD), N50			
IL 130	Station	Station	84 lbs/sq yd TON
	2075+85.00	2078+85.00	26.2
	2080+79.00	2083+15.00	26.2
			Total 66

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50			
IL 130	Station	Station	168 lbs/sq yd TON
	2075+85.00	2078+85.00	72.8
	2080+79.00	2083+15.00	57.3
			Total 130

BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)			
IL 130	Station	Station	50 YD
	2078+85.00	2078+91.00	30.9
	2080+73.00	2080+79.00	30.9
			Total 62

AGGREGATE SHOULDERS, TYPE B					
IL 130	Station	Station	Side	Width (ft)	2.05 Ton/cu yd TON
	2075+85.00	2076+95.00	Rt	3	6
	2075+85.00	2077+50.00	Lt	3	6
	2077+50.00	2078+72.00	Lt	2	6
	2080+65.00	2082+35.00	Lt	2	6
	2082+22.00	2083+15.00	Rt	3	6
	2082+35.00	2083+15.00	Lt	3	6
					Total 97

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT			
IL 130	Station	Station	
	2075+85.00	2076+00.00	
	2083+00.00	2083+15.00	
			50 YD
			50.0
			50.0
			Total 100

TEMPORARY RAMP				
IL 130	Station	Station	40:1 Taper	50 YD
	2075+85.00	2075+92.50	26	7.5
	2078+88.27	2078+98.50	18	7.5
	2078+73.20	2078+83.92	18	7.5
	2080+88.43	2080+94.65	18	7.5
	2080+69.35	2080+80.08	18	7.5
	2083+07.50	2083+15.00	26	7.5
				STAGE 2
				15.0
				RESURFACING
				15.0
				STAGE 2
				15.0
				RESURFACING
				15.0
				21.7
				Total 104

PAVEMENT REMOVAL			
IL 130	Station	Station	50 YD
	2078+84.00	2078+90.00	Stage 1 12
	2080+10.00	2080+80.00	Stage 1 128
	2078+83.00	2078+89.00	Stage 2 8
	2080+10.00	2080+79.00	Stage 2 92
			Total 240

HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"			
IL 130	Station	Station	50 YD
	2075+85.00	2076+95.00	366.7
	2076+95.00	2077+50.00	201.7
	2077+50.00	2078+85.00	510.0
	2080+79.00	2082+22.50	542.1
	2082+22.50	2082+35.50	44.8
	2082+35.50	2083+15.00	265.0
			Total 1930

PAVED SHOULDER REMOVAL			
IL 130	Station	Station	Side
	2081+05.00	2082+22.50	Rt 3
	2078+72.00	2079+02.00	Lt 3
	2079+74.00	2080+68.00	Lt 3
			Total 82

HOT-MIX ASPHALT SHOULDERS					
IL 130	Station	Station	Side	Width (ft)	672 & 252 lb/sq yd TON
	2075+85.00	2076+95.00	Rt	2	6
	2075+85.00	2077+50.00	Lt	2	6
	2082+22.00	2083+15.00	Rt	2	6
	2082+35.00	2083+15.00	Lt	2	6
	2076+95.00	2078+96.00	Rt	5	2.25
	2077+50.00	2078+74.00	Lt	3	2.25
	2080+68.00	2082+35.00	Lt	3	2.25
	2080+91.00	2082+22.00	Rt	5	2.25
	2075+85.00	2076+95.00	Rt	2	2.25
	2075+85.00	2077+50.00	Lt	2	2.25
	2082+22.00	2083+15.00	Rt	2	2.25
	2082+35.00	2083+15.00	Lt	2	2.25
					Total 82

REVISÉD SHEET 1/23/12

HURST-ROSCHIE ENGINEERS, INC.  
 HILLSBORO, ILLINOIS 62049  
 (217)552-3959 FAX (217)552-3212

HR HURST-ROSCHIE ENGINEERS, INC.

FILE NAME =	USER NAME = keysrb	DESIGNED - JJC	REVISED -
c:\pwork\pvidot\keysrb\d0270790\057052-SHT-SCHED.Ldgn		DRAWN - TWC	REVISED -
		CHECKED - MAR	REVISED -
		DATE - 5-13-11	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES  
 SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	94BR-1	CHAMPAIGN	50	6
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT			CONTRACT NO. 70582	