

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.P. 776	(116BR-1, BR-2, BR-3)B-1	HAMILTON	140	4
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LOCATION	TRAFFIC BARRIER TERMINAL		STEEL PLATE BEAM GUARDRAIL TYPE A	TERMINAL MARKER DIRECT APPLIED	MARKERS REFLECTORS	
	IMPACT ATTENUATORS FULLY REDIRECTIVE NARROW TEST LEVEL 3	TYPE 1 SPECIAL (TANGENT)				TYPE 6
	EACH	EACH				EACH
RT. STA. 516+05.29 TO RT. STA. 517+30.79					3	
LT. STA. 516+19.21 TO LT. STA. 517+44.71					3	
RT. STA. 515+81.37 TO RT. STA. 516+05.29	1					
LT. STA. 515+95.29 TO LT. STA. 516+19.21	1					
RT. STA. 517+30.79 TO RT. STA. 517+54.71	1					
LT. STA. 517+44.71 TO LT. STA. 517+68.63	1					
RT. STA. 535+90.55 TO RT. STA. 538+48.70		1	1	162.5	1	
LT. STA. 536+90.55 TO LT. STA. 538+48.70		1	1	62.5	1	
RT. STA. 539+79.70 TO RT. STA. 540+12.85			1			
LT. STA. 539+79.70 TO LT. STA. 540+12.85			1			
RT. STA. 540+12.85 TO RT. STA. 543+54.45				316.5		
LT. STA. 540+12.85 TO LT. STA. 543+54.45				316.5		
RT. STA. 543+54.45 TO RT. STA. 543+87.60			1			
LT. STA. 543+54.45 TO LT. STA. 543+87.60			1			
RT. STA. 545+18.60 TO RT. STA. 546+76.75		1	1	62.5	1	
LT. STA. 545+18.60 TO LT. STA. 547+76.75		1	1	162.5	1	
RT. STA. 535+90.55 TO RT. STA. 546+76.75					15	
LT. STA. 536+90.55 TO LT. STA. 547+76.75					15	
TOTAL	4	4	8	1083	4	

LOCATION	EROSION CONTROL BLANKET	SEEDING		FERTILIZER			MULCH METHOD 2
		CLASS 2	TEMPORARY EROSION CONTROL 3 APPLICATIONS	NITROGEN	PHOSPHORUS	POTASSIUM	
		SQ YD	ACRE	POUND	POUND	POUND	
LT. STA. 513+50.00 TO STA. 516+85.00	0	0.15	45	15	9	9	0.6
RT. STA. 513+50.00 TO STA. 516+48.00	0	0.13	39	13	8	8	0.5
RT. STA. 516+67.00 TO STA. 520+00.00	0	0.14	42	14	8	8	0.6
LT. STA. 517+02.00 TO STA. 520+00.00	0	0.13	39	13	8	8	0.5
RT. STA. 535+65.00 TO STA. 538+86.00	0	0.13	39	13	8	8	0.5
LT. STA. 536+00.00 TO STA. 538+86.00	0	0.13	39	13	8	8	0.5
RT. STA. 537+50.00 TO STA. 538+46.00	114	0	0	0	0	0	0
LT. STA. 538+00.00 TO STA. 537+46.00	69	0	0	0	0	0	0
LT. STA. 539+41.00 TO STA. 544+28.00	0	0.20	60	20	12	12	0.8
RT. STA. 539+41.00 TO STA. 544+28.00	0	0.19	57	19	11	11	0.8
RT. STA. 539+85.00 TO STA. 543+85.00	766	0	0	0	0	0	0
LT. STA. 539+89.00 TO STA. 543+85.00	477	0	0	0	0	0	0
LT. STA. 544+75.00 TO STA. 548+00.00	0	0.14	42	14	8	8	0.6
RT. STA. 544+80.00 TO STA. 547+50.00	0	0.11	33	11	7	7	0.4
RT. STA. 545+21.00 TO STA. 547+00.00	228	0	0	0	0	0	0
TOTAL	1654	1.45	435	145	87	87	5.8

EROSION CONTROL					
LOCATION					PERIMETER EROSION BARRIER
					FOOT
LT. STA.	513+50.00	TO STA.	515+26.00		176
RT. STA.	513+50.00	TO STA.	515+16.00		166
RT. STA.	515+37.00	TO STA.	515+88.00		51
LT. STA.	515+42.00	TO STA.	516+14.00		72
RT. STA.	517+35.00	TO STA.	518+00.00		65
LT. STA.	517+55.00	TO STA.	518+18.00		63
RT. STA.	518+20.00	TO STA.	520+00.00		180
LT. STA.	518+38.00	TO STA.	520+00.00		162
RT. STA.	236+00.00	TO STA.	238+56.00		256
LT. STA.	236+25.00	TO STA.	238+56.00		231
RT. STA.	239+00.00	TO STA.	242+90.00		390
LT. STA.	239+00.00	TO STA.	242+90.00		390
RT. STA.	243+25.00	TO STA.	245+90.00		265
LT. STA.	243+30.00	TO STA.	245+45.00		215
TOTAL PROJECT					2682

GUARDRAIL REMOVAL SCHEDULE	
LOCATION	GUARDRAIL REMOVAL
FOOT	
RT. STA. 515+75 TO RT. STA. 516+25	50
LT. STA. 515+92 TO LT. STA. 516+29.5	37.5
RT. STA. 517+20.5 TO RT. STA. 517+58	37.5
LT. STA. 517+25 TO LT. STA. 517+75	50
RT. STA. 537+48 TO RT. STA. 538+48	100
LT. STA. 537+48 TO LT. STA. 538+48	100
RT. STA. 539+88 TO RT. STA. 540+88	100
LT. STA. 539+88 TO LT. STA. 540+88	100
RT. STA. 542+58 TO RT. STA. 543+58	100
LT. STA. 542+58 TO LT. STA. 543+58	100
RT. STA. 544+97 TO RT. STA. 545+97	100
LT. STA. 544+97 TO LT. STA. 545+97	100
TOTAL	975

EARTHWORK SCHEDULE							
LOCATION	EARTH EXCAVATION	ADDITIONAL EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	CU.YD.	CU. YD.			CU.YD.	CU.YD.	CU.YD.
STAGE 1							
STA. 513+50 TO STA. 520+50	121		25.00%	100.00%	91	12	79
STA. 535+50 TO STA. 548+00	176		25.00%	100.00%	132	471	-339
STAGE 2					0		0
STA. 513+50 TO STA. 520+50	36		25.00%	100.00%	27	9	18
STA. 535+50 TO STA. 548+00	346		25.00%	100.00%	260	808	-548
CHANNEL EXCAVATION 033-0050		974	25.00%	50.00%	365		365
CHANNEL EXCAVATION 033-0051		343	25.00%	50.00%	129		129
CHANNEL EXCAVATION 033-0052		216	25.00%	50.00%	81		81
STRUCTURE EXCAVATION 033-0050		236	25.00%	50.00%	89		89
STRUCTURE EXCAVATION 033-0051		342	25.00%	50.00%	128		128
STRUCTURE EXCAVATION 033-0052		191	25.00%	50.00%	72		72
TOTAL	679	2302			1374	1300	74

WASTE 74 CY

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

HLR

3085 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 (217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-41-0021-1 DATE: 11/1/07
 DESIGNED: L.F.S. CHECKED: S.W.M. DRAWN: TWK

SCHEDULE OF QUANTITIES

F.A.P. ROUTE 776 (IL 142)
 SECTION (116BR-1, BR-2, BR-3)B-1
 HAMILTON COUNTY