

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS
C.H. 5	85-00043-00-RS	DEWITT	79
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

CONTRACT No. 91316

ENTRANCE & SIDE ROAD QUANTITIES

LOCATION	TYPE	EXISTING SURFACE	EXISTING WIDTH FEET	PROPOSED SURFACE	PROPOSED WIDTH FEET	RADIUS FEET	INCIDENTAL BIT. SURF. TON	AGGREGATE SURF. CRSE. TYPE B TON	BIT. SURF. COURSE 1/2" TON	LEVELING BINDER 1/2" TON	BIT. MATL. PRIME COAT GAL.
CH 5 DEWITT CO.											
RT. STA. 13+25	FE	EARTH		BIT/AGG	34	10	1.71	7.56			1.02
LT. STA. 13+25	FE	EARTH		BIT/AGG	34	10	1.71	7.56			1.02
RT. STA. 23+32	FE	AGG.	16	BIT/AGG	34	10	1.71	9.71			1.02
LT. STA. 23+37	FE	AGG.	24	BIT/AGG	34	10	1.71	7.56			1.02
RT. STA. 32+00	PE	AGG.	30	BIT	30	17	12.96				7.71
RT. STA. 33+36	PE	AGG.	35	BIT	35	17	14.73				8.77
LT. STA. 33+36	FE	EARTH	24	BIT/AGG	34	10	1.71	7.56			1.02
RT. STA. 36+75	FE	EARTH		REMOVE ENT							
RT. STA. 43+00	FE	EARTH		BIT/AGG	34	10	1.71	7.56			1.02
LT. STA. 49+70	FE	EARTH	24	BIT/AGG	24	10	1.34	5.41			0.80
RT. STA. 50+48	PE	AGG.	24	BIT	24	17	13.07				7.78
LT. STA. 57+78	PE	AGG.	21	BIT	21	17	9.76				5.81
RT. STA. 73+50	FE	EARTH	24	BIT/AGG	40	10	1.93	8.85			1.15
LT. STA. 76+47	FE	EARTH	22	BIT/AGG	24	10	1.34	5.41			0.80
RT. STA. 80+10	FE	EARTH	24	BIT/AGG	34	10	1.71	7.56			1.02
LT. STA. 90+28	FE	EARTH	16	BIT/AGG	24	10	1.34	5.41			0.80
RT. STA. 90+32	PE	AGG.	22	BIT	22	17	10.12				6.02
RT. STA. 92+49	PE	AGG.	20	BIT	20	17	9.41				5.60
RT. STA. 96+69	FE	EARTH	20	BIT/AGG	24	10	1.34	5.41			0.80
LT. STA. 97+72	FE	EARTH	26	BIT/AGG	26	10	1.41	5.84			0.84
LT. STA. 103+25	PE	AGG.	20	BIT	20	17	9.41				5.60
LT. STA. 105+20	FE	AGG.	16	BIT/AGG	24	10	1.34	6.93			0.80
LT. STA. 129+73	FE	EARTH	24	BIT/AGG	24	10	1.34	5.41			0.80
RT. STA. 130+37	PE	AGG.	24	BIT	24	17	10.83				6.44
RT. STA. 131+47	PE	AGG.	20	BIT	20	17	9.41				5.60
RT. STA. 142+66	FE	EARTH	18	BIT/AGG	24	10	1.34	5.41			0.80
LT. STA. 142+83	FE	EARTH	35	BIT/AGG	34	10	1.71	7.56			1.02
RT. STA. 148+31	FE	EARTH	20	BIT/AGG	24	10	1.34	5.41			0.80
RT. STA. 153+67	PE	AGG.	35	BIT	35	17	14.73				8.77
LT. STA. 153+67	FE	EARTH	26	BIT/AGG	26	10	1.41	5.84			0.84
RT. STA. 155+48	PE	AGG.	12	BIT	24	17	10.83				6.44
LT. STA. 156+00	FE	EARTH	22	BIT/AGG	22	10	1.26	4.98			0.75
RT. STA. 156+17	PE	AGG.	22	BIT	22	17	10.12				6.02
RT. STA. 158+26	FE	EARTH	18	BIT/AGG	24	10	1.34	5.41			0.80
LT. STA. 176+38	FE	EARTH	20	BIT/AGG	24	10	1.34	5.41			0.80
RT. STA. 176+47	FE	EARTH	16	BIT/AGG	24	10	1.34	5.41			0.80
LT. STA. 182+60	FE	EARTH	20	BIT/AGG	24	10	1.34	5.41			0.80
RT. STA. 184+34	FE	EARTH	20	BIT/AGG	24	10	1.34	5.41			0.80
RT. STA. 192+10	FE	EARTH	16	BIT/AGG	24	10	1.34	8.44			0.80
LT. STA. 192+69	FE	EARTH	16	BIT/AGG	24	10	1.34	5.41			0.80
RT. STA. 192+77	PE	AGG.	35	BIT	35	17	14.73				8.77
RT. STA. 195+88	FE	EARTH	20	BIT/AGG	24	10	1.34	5.41			0.80
RT. STA. 197+80	PE	AGG.	29	BIT	29	17	18.01				10.72
LT. STA. 199+58	FE	EARTH	22	BIT/AGG	24	10	1.34	5.41			0.80
RT. STA. 209+22	FE	EARTH	24	BIT/AGG	24	10	1.34	5.41			0.80
LT. STA. 209+29	FE	EARTH	24	BIT/AGG	24	10	1.34	5.41			0.80
RT. STA. 214+10	PE	AGG.	26	BIT	26	17	11.54				6.87
RT. STA. 221+29	PE	AGG.	16	BIT	24	17	10.83				6.44
RT. STA. 235+53	FE	EARTH	20	BIT/AGG	24	10	1.34	6.93			0.80
LT. STA. 235+58	FE	EARTH	16	BIT/AGG	24	10	1.34	6.93			0.80
RT. STA. 248+64	FE	EARTH	26	BIT/AGG	26	10	1.41	5.84			0.84
LT. STA. 248+64	FE	EARTH	26	BIT/AGG	26	10	1.41	5.84			0.84
RT. STA. 249+28	FE	AGG.	20	BIT/AGG	20	10	1.19	4.55			0.71
LT. STA. 249+28	FE	AGG.	24	BIT/AGG	24	10	1.34	5.41			0.80
RT. STA. 260+00	FE	AGG.	24	BIT/AGG	24	10	1.34	7.43			0.80
RT. STA. 266+10	FE	EARTH	18	BIT/AGG	24	10	1.34	8.93			0.80
LT. STA. 269+81	FE	EARTH	18	REMOVE ENT							
LT. STA. 272+78	CE	AGG.	25	BIT	25	17	11.18				6.66
IL RTE 10											
RT. STA.600+65	FE	EARTH	24	BIT/AGG	24	10	2.92	17.32			9.12
SIDE ROADS											
LT. STA. 10+00		A-1	20	BIT	20	30		1.80	1.8		2.15
RT. STA. 10+00		A-1	19	BIT	19	30		1.80	1.8		2.15
LT. STA. 63+09.31		A-1	19	BIT	19	30		8.93	8.93		10.63
RT. STA. 63+09.31		A-1	19	BIT	19	30		8.93	8.93		10.63
LT. STA. 116+29.28		A-1	18	BIT	18	30		8.65	8.65		10.29
RT. STA. 116+29.28		A-1	18	BIT	18	30		8.65	8.65		10.29
LT. STA. 169+46.71		A-1	24	BIT	24	30		10.33	10.33		12.29
RT. STA. 169+46.71		A-1	24	BIT	24	30		10.33	10.33		12.29
LT. STA. 222+64.94		A-1	23	BIT	23	30		10.05	10.05		11.96
RT. STA. 222+64.94		A-1	19	BIT	19	30		8.93	8.93		10.63
MAILBOX TURNOUT											
LT. STA. 34+19.48							1.4				0.83
LT. STA. 58+89.04							1.4				0.83
RT. STA. 92+59.87							1.4				0.83
RT. STA. 103+45.30							1.4				0.83
RT. STA. 131+00.89							1.4				0.83
RT. STA. 193+39.11							1.4				0.83
RT. STA. 197+72.09							1.4				0.83
ENT. WITH MAILBOX TURNOUT											
RT. STA. 90+48.23							1.03				0.61
RT. STA. 156+38.56							1.03				0.61
TOTAL							268.89	245.72	78.4	78.4	258.65
USE							269	246	78	78	259

LOCATION	EARTH EXCAVATION (CU YD)	SHRINKAGE FACTOR	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
MAINLINE	20,277	25%	15,208	9,497	+5,711
ENTRANCES & SIDE ROADS	122	25%	92	451	-359
TOTAL	20,399		15,300	9,948	+5,352

LOCATION	PIPE SIZE	TYPE I	TYPE II	TYPE III	TYPE IV
		SQ YD	SQ YD	SQ YD	SQ YD
STA. 10+45	24"EQRS	1.9			
STA. 36+86	4' X 2' BOX				30.6
STA. 53+40	48"EQRS		5.7		
STA. 62+08	24"EQRS			20.9	
STA. 67+00	24"EQRS	1.9			
STA. 78+52	24"EQRS	1.9			
STA. 99+13	30"EQRS				36
STA. 112+29	9' X 3' BOX				52
LT. STA. 116+29	18"				27.2
LT. STA. 116+29	12"			19.3	
RT. STA. 116+29	30"EQRS				39.6
RT. STA. 116+29	12"				29.6
STA. 133+19	24"EQRS			20.9	
STA. 160+77	24"EQRS	3.8			
STA. 172+92	6"			15.3	
STA. 187+80	6"			18.1	
STA. 219+32	24"			21.3	
TOTAL		9.5	5.7	115.8	215

**HLR**  
Rice, Berry and Associates  
A Division of Hampton, Lenzini and Renwick, Inc.  
Civil & Structural Engineers  
3085 Stevenson Drive  
Suite 201  
Springfield, Illinois 62703  
217-546-3400  
P.O. Box 1036  
DuQuoin, Illinois 62832  
618-790-4637  
Date: 10-17-05  
Account Number 03-29-0007-1  
DESIGNED: L.F.S. CHECKED: L.F.S. DRAWN: W.J.S.

SCHEDULE OF QUANTITIES  
SECTION 85-00043-00-RS  
C.H. 5  
DEWITT COUNTY