

EARTHWORK						
LOCATION STATION TO STATION	LENGTH	THEORETICAL		EARTH EXCAVATION ADJUSTED FOR SHRINKAGE 25% SHRINKAGE FACTOR CU. YD.	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	FURNISHED EXCAVATION
		CUT	FILL			
PIPE CULVERT						
659+43.09 LT TO 661+07.09 LT	164.00	141	141	106	-35	35
664+65.00 RT TO 666+00.00 RT	135.00	212	202	159	-43	43
664+70.00 LT TO 666+50.00 LT	180.00	202	184	152	-32	32
MAINLINE						
662+50.10 TO 664+16.05	165.95	22	19	17	-2	2
664+88.80 TO 667+00.00	211.20	0	67	0	-67	67
	SUB-TOTAL	595	906	449	-457	457
	TOTAL	595	905	450	-455	455

EROSION CONTROL						
STATION TO STATION	SIDE	EROSION CONTROL BLANKET	TEMP. EROSION CONTROL SEEDING	PERIMETER EROSION BARRIER	AGGREGATE (EROSION CONTROL)	INLET AND PIPE PROTECTION
		SQ. YD.	POUNDS	FOOT	TON	EACH
659+43.09 TO 661+07.09	LT		8			1
662+50.10 TO 667+00.00	LT	90	6	218		1
662+50.10 TO 667+00.00	RT		8	189		1
664+65.00 TO 666+00.00	RT		3			
664+70.00 TO 666+50.00	LT		4			
664+57.85	RT				3	
	SUB-TOTAL	90	29	407	3	3
	TOTAL	90	200*	407	3	3

*ESTIMATED QUANTITY

NOTES:

A SHRINKAGE OF 25% WAS USED TO DETERMINE THE EXCESS AND BORROW QUANTITIES.
FURNISHED EXCAVATION = EMBANKMENT - (SUITABLE EXCAVATION X (1-0.25))

EARTHWORK WAS CALCULATED USING NORMAL CROSS SECTIONS (I.E. SECTIONS TAKEN AT EVEN 50 FT INTERVALS). THEREFORE, NO ALLOWANCE WAS MADE FOR ENTRANCES.

SEEDING, FERTILIZER, & MULCH							
STATION TO STATION	SIDE	SEEDING, CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH METHOD 2
		ACRE	POUND	POUND	POUND	TON	ACRE
659+43.09 TO 661+07.09	LT	0.08	7	7	7	0.2	0.08
662+50.10 TO 667+00.00	LT	0.13	13	13	13	0.3	0.13
662+50.10 TO 667+00.00	RT	0.15	15	15	15	0.3	0.15
	SUB-TOTAL	0.36	35	35	35	0.8	0.36
	TOTAL	0.50	35	35	35	0.8	0.50

BITUMINOUS SHOULDERS		
STATION TO STATION	SIDE	BITUMINOUS SHOULDERS SUPERPAVE TON
658+48.82 TO 660+83.51	LT	12
658+49.61 TO 660+97.42	RT	11
662+41.60 TO 666+00.00	LT	35
662+58.73 TO 666+00.00	RT	18
	TOTAL	76

BITUMINOUS MATERIALS									
STATION TO STATION	LENGTH	WIDTH	BIT CONC BIND CSE, SUPERPAVE IL-19.0, N50	BIT CONC BASE CSE WIDE 10"	LEVELING BINDER, (MACHINE METHOD), SUPERPAVE N50	BIT. CONC. SURF. CSE, SUPERPAVE, MIX C, N50, 1/2"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	BITUMINOUS SURF REMOVAL VAR DEPTH
			TON	SQ. YD.	TON	TON	TON	TON	SQ YD
561+04.00 TO 658+49.13	9745	25			1137	2274	20.6	108.3	27070
658+49.13 TO 660+88.96	240	29			24	49	0.6	3.1	777
662+50.10 TO 664+97.37	247	32	201		28	55	0.7	3.5	
664+97.37 TO 666+00.00	103	30	120		12	23	0.3	1.4	
666+00.00 TO 667+00.00	100	24			11	22	0.2	1.1	
662+79.88 TO 666+22.47				159					
	TOTAL		321	159	1212	2423	22.4	117.4	27847

BITUMINOUS SURFACE REMOVAL - BUTT JOINT			
LOCATION	WIDTH	BIT. SURF. REMOVAL BUTT JOINT SQ. YD.	TEMPORARY RAMP SQ. YD.
561+04.00 TO 561+54.00	25	139	14
660+31.16 TO 660+88.96	30	201	28
662+50.10 TO 663+49.00	30	337	11
666+71.72 TO 667+00.00	30	78	11
	TOTAL	755	50

ENTRANCE IMPROVEMENT SCHEDULE FOR RURAL /URBAN "3R" PROJECTS						
LOCATION	TYPE OF ENTRANCE	EXISTING MATERIAL TYPE	WIDTH	LENGTH (FROM EDGE OF PVT/ BIT SHLD TO LIMITS OF IMPROVEMENT)	AGGREGATE BASE COURSE TYPE B	PREPARATION OF BASE
(LT / RT) (STA) (+)	(FE / PE / CE / MB)	(EARTH / AGG. / BIT. / P. C. C.)	FOOT	FOOT	TONS	SQ YD
RT STA 663+49.79	FE	AGG	24	16	17	50
LT STA 664+20.13	FE	AGG	16	24	17	49
LT STA 665+10.49	FE	AGG	25	23	24	69
RT STA 665+33.87	FE	AGG	24	70	33	96
			TOTAL		91	264

RIPRAP			
STATION	STATION	STONE DUMPED RIPRAP CL. A4 TON	FILTER FABRIC FOR RIPRAP SQ. YD.
661+01.16	661+13.11	4	8
664+26.50	664+74.75	91	202
664+30.45	664+90.00	91	203
664+74.75	664+90.40	16	36
	TOTAL	202	449

NOTE: SEE SHEET 10 FOR "3P" ENTRANCE SCHEDULE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
F.A.P. ROUTE 310 (US 67)
SCOTT COUNTY

SCALE: VERT. NONE
HORIZ. NONE
DATE: 03/01/2004

DRAWN BY: AJP
CHECKED BY: JDJ