

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EARTHWORK SCHEDULE - CONTRACT 3

STA. TO STA.	EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE 25% CU YD	EMBANKMENT CU YD	FURNISHED EXCAVATION OR WASTE (-) CU YD	SEEDING, CLASS 2 (SPECIAL) ACRE	NITROGEN FERTILIZER NUTRIENT POUND	PHOSPHERUS FERTILIZER NUTRIENT POUND	POTASSIUM FERTILIZER NUTRIENT POUND	AGRICULTURAL GROUND LIMESTONE TON	MULCH METHOD 2 ACRE
COUNTY HIGHWAY 18										
278+00.00 TO 315+84.59	5839	4379	24400	20021	8.2	738	738	738	16.4	8.2
317+02.59 TO 328+71.44	1157	868	5212	4344	2.8	252	252	252	5.6	2.8
329+89.46 TO 380+41.49	7833	5875	31109	25234	11.2	1008	1008	1008	22.4	11.2
384+00.13 TO 394+50.00	1641	1231	4736	3505	2.0	180	180	180	4.0	2.0
TOWNSHIP ROAD 980E										
7+00 TO 9+37.77	177	133	128	-5	0.2	18	18	18	0.4	0.2
TOWNSHIP ROAD 1000E										
10+62.19 TO 12+25.00	113	85	100	15	0.1	9	9	9	0.2	0.1
COUNTY HIGHWAY 28										
81+54.32 TO 88+29.39	1191	893	684	-209	1.2	108	108	108	2.4	1.2
91+80.35 TO 98+94.04	1957	1468	853	-615	1.2	108	108	108	2.4	1.2
INTERSECTIONS										
CH18 WITH TR 980E	100	75	1204	1129	0.2	18	18	18	0.4	0.2
CH18 WITH TR 1000E	45	34	963	929	0.3	27	27	27	0.6	0.3
CH18 WITH CH 28	581	436	9010	8574	1.0	90	90	90	2.0	1.0
ENTRANCES										
FIELD AND PRIVATE	471	353	1810	1457	0.0	0	0	0	0.0	0.0
CULVERTS										
STILLING BASINS	277	208	0	-208	0.0	0	0	0	0.0	0.0
OUTLET PROTECTION	868	651	0	-651	0.0	0	0	0	0.0	0.0
COUNTY HIGHWAY 18										
394+50.00 TO 407+00.00	575	431	0	-431	0.1	12	12	12	0.2	0.1
PROJECT TOTAL	22826	17119	80209	63090*	28.5	2568	2568	2568	57.0	28.5

* FURNISHED EXCAVATION

EXPLORATION TRENCH 52" DEPTH

ROADWAY	BEG STA	END STA	OFFSET	LENGTH (FOOT)
CH18	278+00.00	394+50.00	LT @ ROW	11,651
980E	7+00.00	10+00.00	LT @ ROW	300
1000E	10+00.00	12+25.00	LT @ ROW	225
C.H. 28	81+54.32	98+94.04	LT @ ROW	1,740
CONTRACT TOTAL				13,915

BITUMINOUS MATERIALS (PRIME COAT) 40800010

ROADWAY	STATION	OFFSET	RATE (GAL/SQ YD)	QUANTITY (GALLON)
CH18	322+90.38	RT	0.50	7
CH18	352+75.47	LT	0.50	7
CH18	354+38.50	LT	0.50	6
CH18	369+31.18	RT	0.50	11
CONTRACT TOTAL				31

BOX CULVERT END SECTIONS

ROADWAY	STA	QUANTITY (EACH)
CH18	287+30.00	2
CONTRACT TOTAL		2

AGGREGATE SURFACE COURSE, TYPE B

ROADWAY	STA	OFFSET	QUANTITY (TON)
CH18	289+58.18	LT	14.0
CH18	290+43.07	RT	14.0
CH18	315+00.00	LT	7.5
CH18	316+43.35	LT	7.5
CH18	321+33.88	RT	37
CH18	322+90.38	RT	27.0
CH18	329+30.24	RT	7.5
CH18	336+47.65	RT	7.5
CH18	336+47.65	LT	7.5
CH18	342+26.99	LT	7.5
CH18	344+00.00	RT	7.5
CH18	344+00.00	LT	7.5
CH18	352+00.00	LT	7.5
CH18	352+75.47	LT	18
CH18	354+38.50	LT	21
CH18	356+25.00	RT	7.5
CH18	365+00.00	RT	7.5
CH18	365+00.00	LT	7.5
CH18	369+31.18	RT	44
CH18	373+00.00	RT	7.5
CH18	373+00.00	LT	7.5
CH18	385+30.00	LT	20
CH28	86+86.93	RT	26
980E	8+00.00	LT	11
CONTRACT TOTAL			337

AGGREGATE SHOULDERS, TYPE A

ROADWAY	BEG STA	END STA	SHOULDER LENGTH	WEIGHT (LBS/FT3)	X-SECTION AREA OF SHOULDER	QUANTITY (TONS)
CH28	81+54.32	88+29.39	1319	135.0	4.6	410
CH28	91+80.18	98+94.04	1428	135.0	4.6	443
980E	7+00.00	9+37.77	441	135.0	2.0	60
1000E	10+62.19	12+25.00	326	135.0	2.0	44
CONTRACT TOTAL						957

WATER

PROCESSING LIME MODIFIED SOILS 12"	44162	SO YD
GALLONS OF WATER/SO YD OF LIME MODIFIED SOILS 12"	5	GALLON
TOTAL GALLONS OF WATER	220810	GALLON
TOTAL UNITS OF WATER	221.0	UNIT

LIME

PROCESSING LIME MODIFIED SOILS 12"	44162	SO YD
POUNDS OF LIME/SO YD OF LIME MODIFIED SOILS 12"	45	POUND
TOTAL TONS OF LIME	993.6	TON

AGGREGATE BASE COURSE, TYPE A 5"

ROADWAY	STATION	OFFSET	QUANTITY (SQ YD)
CH18	322+90.38	RT	14
CH18	352+75.47	LT	13
CH18	354+38.50	LT	13
CH18	369+31.18	RT	22
CONTRACT TOTAL			62

AGGREGATE BASE COURSE, TYPE A 10"

ROADWAY	BEG STA.	END STA.	QUANTITY (SQ YD)
980E	7+00.00	9+37.77	475
1000E	10+62.19	12+25.00	330
CONTRACT TOTAL			805

STONE RIPRAP, CLASS A3

ROADWAY	STATION	AREA (SQ YD)
CH18	290+43.07	61
CH18	312+39.00	61
CH18	315+00.00	61
CH18	316+43.35	61
CH18	365+00.00, LT	61
CH18	365+00.00, RT	61
CH18	88+56.00	47
CH18	97+64.00	41
CONTRACT TOTAL		454

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FOR USE WITH A3	ROADWAY	STATION	AREA (SQ YD)
CH18	290+43.07	61	
CH18	312+39.00	61	
CH18	315+00.00	61	
CH18	316+43.35	61	
CH18	365+00.00, LT	61	
CH18	365+00.00, RT	61	
CH18	88+56.00	47	
CH18	97+64.00	41	
CONTRACT SUB TOTAL		454	

STONE RIPRAP, CLASS A4

ROADWAY	STATION	AREA (SQ YD)
CH18	288+00 TO 289+18	145
CH18	316+09.00	88
CH18	328+75.00	17
CH18	329+85.00	17
CH18	349+85.00 (U.S.)	27
CH18	349+85.00 (D.S.)	27
CH18	369+31.18	48
CH18	371+50.00	17
CH18	372+00.00	17
CH18	382+30.00 (U.S.)	107
CH18	382+30.00 (D.S.)	171
CH18	391+00.00 (U.S.)	17
CH18	391+00.00 (D.S.)	17
980E	8+00.00	69
CH28	82+28.00	16
CH18 STA. 404+30 TO STA. 406+65 262		
CONTRACT SUB TOTAL		1062

FOR USE WITH A4

ROADWAY	STATION	AREA (SQ YD)
CH18	288+00 TO 289+18	145
CH18	316+09.00	88
CH18	328+75.00	17
CH18	329+85.00	17
CH18	349+85.00 (U.S.)	27
CH18	349+85.00 (D.S.)	27
CH18	369+31.18	48
CH18	371+50.00	17
CH18	372+00.00	17
CH18	382+30.00 (U.S.)	107
CH18	382+30.00 (D.S.)	171
CH18	391+00.00 (U.S.)	17
CH18	391+00.00 (D.S.)	17
980E	8+00.00	69
CH28	82+28.00	16
CH18 STA. 404+30 TO STA. 406+65 262		
CONTRACT SUB TOTAL		1062

STONE RIPRAP, CLASS A5

ROADWAY	STATION	AREA (SQ YD)
CH18	287+30.00 (U.S.)	439
CH18	287+30.00 (D.S.)	439
CONTRACT SUB TOTAL		878

FOR USE WITH A5

ROADWAY	STATION	AREA (SQ YD)
CH18	287+30.00 (U.S.)	439
CH18	287+30.00 (D.S.)	439
CONTRACT SUB TOTAL		878

PIPE CULVERT REMOVAL

ROADWAY	STATION	OFFSET	CULVERT DIA. (IN.)	LENGTH
CH18	316+50.00	RT	15	30
CH18	321+30.00	RT	15	30
CH18	329+25.00	RT	15	30
CH18	336+50.00	RT	15	30
CH18	342+25.00	RT	12	28
CH18	349+85.00	LT	24	25
CH18	352+00.00	LT	15	30
CH18	352+50.00	LT	12	17
CH18	354+75.00	LT	12	32
CH18	365+00.00	LT	N/A	28
CH18	369+30.00	RT	15	28
CH18	371+94.00	CL	24	30
CH18	382+00.00	LT	12	22
CH18	382+06.00	CL	15	44
CH18	382+35.00	LT	12	22
CH18	382+50.00	RT	24	37
CH18	382+75.00	RT	15	45
CH18	390+95.00	CL	24	23
CONTRACT TOTAL				531

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES-1
FAS 642
SEC NO. 99-00124-03-PV
COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
DATE: 03/30/2009
DRAWN BY: DJP
CHECKED BY: SKM

03/30/2009
 LAYOUT: DJP 12/26/03
 DRAWN: DJP 12/26/03
 REVIEWED: SKM 01/29/04