

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	19
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

AGGREGATE BASE COURSE, TYPE A 4"

ROADWAY	BEG. STA.	END STA.	QUANTITY (SQ YD)
CH18	166+00.00	179+46.78	7935
CH18	230+00.00	247+82.29	7265
CH18	250+68.29	270+00.00	7942
RAMP A	10+00.00	35+66.60	5898
RAMP B	20+24.50	48+83.34	5880
RAMP C	30+00.00	55+89.43	5967
RAMP D	40+24.50	69+60.12	6025
CONTRACT TOTAL			46912

AGGREGATE BASE COURSE, TYPE A 5"

ROADWAY	STA.	OFFSET	QUAN. (SQ.YD.)
700E	68+26.83	RT	22
700E	73+22.40	RT	78
CH18	211+50.78	LT	13
CONTRACT TOTAL			113

AGGREGATE BASE COURSE, TYPE A 10"

ROADWAY	BEG STA	END STA	QUANTITY (SQ YD)
780E	6+00.00	9+36.91	808
800E	10+62.90	12+35.00	341
870E	1+50.00	9+32.69	1570
900E	10+62.20	12+53.54	427
CONTRACT TOTAL			3146

AGGREGATE BASE COURSE, TYPE B

ROADWAY	BEG STA	END STA	QUANTITY (TON)
CH18	235+19.64	241+44.66	584
CH18	242+35.24	247+85.29	275
CH18	250+64.29	256+15.24	275
CH18	257+05.69	263+30.71	584
CH18	257+26.20	257+50.37	16
CH18	240+99.98	241+24.15	16
CONTRACT TOTAL			1750

WATER

PROCESSING LIME MODIFIED SOILS 12"	77995.0	SQ YD
GALLONS OF WATER/SQ YD OF LIME MODIFIDE SOILS 12"	5.0	GALLON
TOTAL GALLONS OF WATER	389975.0	GALLON
TOTAL UNITS OF WATER	390.0	UNIT

LIME

PROCESSING LIME MODIFIED SOILS 12"	77995.0	SQ YD
POUNDS OF LIME/SQ YD OF LIME MODIFIDE SOILS 12"	45.0	POUND
TOTAL TONS OF LIME	1754.9	TON

AGGREGATE (PRIME COAT)

ROADWAY	STATION	APPLICATION RATE (LBS/SQ YD)	QUANTITY (TON)
CH18	211+50.78	4.0	0.03
700E	68+26.83	4.0	0.04
700E	73+22.40	4.0	0.20
CONTRACT TOTAL			1

INCIDENTAL BITUMINOUS SURFACING

ROADWAY	BEG STA	END STA	QUANTITY(TONS)
CH18	211+50.78	LT	2
700E	68+26.83	RT	4
700E	73+22.40	RT	13
CONTRACT TOTAL			19

AGGREGATE SURFACE COURSE, TYPE B

ROADWAY	STA	QUANTITY (TON)
700E	68+26.83, LT	11
700E	68+26.83, RT	65
800E	11+25.00, LT	11
900E	11+25.00, LT	11
CH18	176+40.00, RT	7.5
CH18	185+00.00, LT	7.5
CH18	185+00.00, RT	7.5
CH18	205+00.00, LT	7.5
CH18	205+00.00, RT	7.5
CH18	211+50.78, LT	20
CH18	213+00.00, LT	7.5
CH18	224+49.16, RT	7.5
CH18	276+19.54, RT	7.5
CONTRACT TOTAL		178

BITUMINOUS MATERIALS (PRIME COAT) 40600100

ROADWAY	BEG STA	END STA	APPLICATION RATE (GAL/SQ YD)	QUANTITY (GALLON)
CH18	179+46.78	230+00.00	0.10	1732
CH18	270+00.00	278+00.00	0.10	290
700E	60+00.00	69+21.23	0.10	244
700E	71+82.95	76+78.64	0.10	131
780E	6+00.00	9+36.91	0.50	404
800E	10+62.90	12+35.00	0.50	171
870E	1+50.00	9+32.69	0.50	785
900E	10+62.20	12+53.54	0.50	214
CONTRACT TOTAL				3971

BITUMINOUS MATERIALS (PRIME COAT) 40800010

ROADWAY	STATION	APPLICATION RATE (GAL/SQ YD)	QUANTITY (GAL)
700E	68+26.83	0.5	11.1
700E	73+22.40	0.5	38.9
CH18	211+50.78	0.5	6.3
CONTRACT TOTAL			56.3

STABILIZED SHOULDER REMOVAL

ROADWAY	BEG STA	END STA	QUANTITY (SQ YD)
RAMP A	10+00.00	16+60.09	733
RAMP B	36+24.31	48+83.34	1399
RAMP C	30+00.00	36+60.96	734
RAMP D	57+10.91	69+60.12	1388
CONTRACT TOTAL			4254

AGGREGATE SHOULDERS, TYPE A

ROADWAY	BEG STA	END STA	SHOULDER LENGTH	WEIGHT (LBS/FT <sup>3</sup> )	X-SECTION AREA OF SHOULDER	QUANTITY (TONS)
700E	60+00.00	76+78.64	2751	135.0	4.6	854
780E	6+00.00	9+36.91	674	135.0	2	91
800E	10+62.90	12+35.00	309	135.0	2	42
870E	1+50.00	9+32.69	1565	135.0	2	211
900E	10+62.20	12+53.54	348	135.0	2	47
CONTRACT TOTAL						1245

BITUMINOUS SHOULDERS SUPERPAVE 10"

ROADWAY	BEG STA.	END STA.	QUANTITY (SQ YD)	
CH18/RAMP B	20+99.34	RAMP B	243+09.97 CH 18	172
CH18/RAMP D	255+40.37	CH 18	40+99.34 RAMP D	172
CONTRACT TOTAL			344	

BITUMINOUS SHOULDERS SUPERPAVE 8"

ROADWAY	BEG STA.	END STA.	QUANTITY (SQ YD)
CH18	166+00.00	179+46.78	978
CH18	179+46.78	230+00.00	3315
CH18	230+00.00	270+00.00	5906
CH18	270+00.00	278+00.00	527
CONTRACT TOTAL			10726

AGGREGATE SHOULDERS, TYPE B 6"

ROADWAY	BEG STA.	END STA.	OFFSET	QUANTITY (SQ YD)
CH 18	166+00.00	230+00.00	LT, RT	4239
CH 18	270+00.00	278+00.00	LT, RT	501
RAMP A	16+60.09	35+00.10	LT	409
RAMP A	10+00.00	34+71.87	RT	549
RAMP B	20+99.49	36+24.31	LT	340
RAMP B	21+31.22	48+83.34	RT	612
RAMP C	36+60.96	55+22.93	LT	414
RAMP C	30+00.00	54+94.71	RT	554
RAMP D	40+99.49	57+10.91	LT	360
RAMP D	41+31.22	69+60.12	RT	628
CONTRACT TOTAL				8606

PORTLAND CEMENT CONCRETE SHOULDERS 8"

ROADWAY	STA.	OFFSET	AREA (SQ YD)
CH 18	244+11.00	30.79 RT	13
CH 18	246+05.00	30.79 RT	13
CH 18	247+15.00	30.79 LT	13
CH 18	253+33.00	30.79 RT	13
CH 18	253+47.00	30.79 LT	13
CH 18	256+35.00	30.79 LT	13
CONTRACT TOTAL			78

PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"

ROADWAY	BEG STA.	END STA.	QUANTITY (SQ YD)
RAMP A	16+60.09	35+00.10 LT	818
RAMP A	10+00.00	34+98.50 RT	1659
RAMP B	20+99.34	36+24.71 LT	678
RAMP B	21+04.87	48+83.34 RT	1840
RAMP C	36+60.96	55+22.93 LT	828
RAMP C	30+00.00	55+21.33 RT	1674
RAMP D	40+99.34	57+10.91 LT	716
RAMP D	41+04.87	69+60.12 RT	1891
CONTRACT TOTAL			10104

PROTECTIVE COAT (42001300)

ROADWAY	QUANTITY (SQ YD)	
CH 18	8" PCC PAVEMENT	20,636
RAMPS	9 1/2" PCC PAVEMENT	20,745
CH 18	8" PCC SHOULDER	78
RAMPS	9 1/2" PCC SHOULDER	10,104
CH 18	B-6.24 C&G	116
CH 18	CONCRETE MEDIAN SURFACE	2572
CH 18	CONCRETE SHOULDER CURB	7
CH 18	M-4.24 C&G	30
CH 18	M-4.06 C&G	573
CH 18	CORRUGATED MEDIAN	184
CH 18	BRIDGE APPROACH PAVEMENT	416
CONTRACT TOTAL		55,461

PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)

ROADWAY	BEG STA	END STA	QUANTITY (SQ YD)
RAMP A	10+00.00	35+68.10	5124
RAMP B	20+23.00	48+83.34	5150
RAMP C	30+00.00	55+90.93	5202
RAMP D	40+23.00	69+60.12	5269
CONTRACT TOTAL			20745

PIPE CULVERT REMOVAL

ROADWAY	STATION	CULVERT DIA. (IN.)	LENGTH
CH18	170+00.00, LT	12	30
CH18	211+50.00, LT	12	45
CH18	265+00.00, LT	12	30
CH18	275+00.00, LT	15	30
CH18	275+50.00, LT	12	31
CH18	275+75.00, LT	15	43
700E	68+27.00, RT	12	28
700E	68+27.00, RT	12	33
CONTRACT TOTAL			270

CLASS SI CONCRETE (OUTLET)

ROADWAY	STATION	QUAN. (CU.YD.)
RAMP A	24+73.12	2
RAMP B	21+29.97	2
RAMP C	54+95.96	2
RAMP D	41+29.97	2
CH 18	230+98.31	2
CH 18	240+45.70	2
CH 18	258+04.65	2
CH 18	258+52.18	2
CONTRACT TOTAL		16

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

ROADWAY	BEG STA.	END STA.	LENGTH (FT)
RAMP A	34+98.10	35+60.10	113
RAMP B	20+31.00	21+05.09	89
RAMP C	55+20.93	55+82.93	113
RAMP D	40+31.00	41+05.09	89
CONTRACT TOTAL			404

TRAFFIC BARRIER TERMINAL, TYPE 6

ROADWAY	BEG STATION	END STATION	QUANTITY
CH18	247+81.84	248+14.99	1
CH18	247+87.44	248+20.59	1
CH18	250+29.99	250+63.14	1
CH18	250+35.59	250+68.74	1
CONTRACT TOTAL			4

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24

ROADWAY	BEG STA	END STA	LENGTH (FT)
RAMP A	35+41.01	35+58.10	52
RAMP C	55+63.84	55+80.93	52
CONTRACT TOTAL			104

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06

ROADWAY	BEG STA	END STA	LENGTH (FT)
RAMP A	35+41.01	35+56.69	25
RAMP C	55+63.84	55+79.53	25
CH18	235+19.65	241+45.71	1257
CH18	242+35.24	247+85.29	1100
CH18	250+65.29	256+15.24	1100
CH18	257+04.64	263+30.71	1256
CONTRACT TOTAL			4763

CORRUGATED MEDIAN

ROADWAY	BEG STA.	END STA.	AREA (SQ FT)
CH18	233+88.64	236+02.79	827
CH18	262+47.56	264+61.71	827
CONTRACT TOTAL			1654

TRAFFIC BARRIER TERMINAL, TYPE 2

ROADWAY	BEG STATION	END STATION	QUANTITY
RAMP B	39+83.00	39+95.50	1
RAMP C	31+46.83	31+59.33	1
CONTRACT TOTAL			2

STEEL PLATE BEAM GUARDRAIL, TYPE A

ROADWAY	BEG STATION	END STATION	QUANTITY
CH18	244+56.84	247+81.84	325
CH18	247+62.44	247+87.44	25
CH18	250+63.14	252+88.14	225
CH18	250+68.74	255+93.74	525
RAMP B	38+58.00	39+83.00	125
I-57	878+25.34	879+87.80	162.5
CONTRACT TOTAL			1387.5

CONCRETE MEDIAN SURFACE, 4 INCH

ROADWAY	BEG STA.	END STA.	QUANTITY (SQ FT)
CH18	235+17.64	241+44.66	7696
CH18	2		