EARTHWORK

LOCATION	EARTH EXCAVATION (CUT) (CU YD)	EARTH EXCAV. ADJUSTED FOR SHRINKAGE * (CU YD)	EMBANKMENT (FILL) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
I-57 STAGE I	730	548	3790	-3242
I-57 STAGE II	620	465	-	465
AT OVERHEADS: SHOULDER WIDENING FOR TYPE 1 TERMINALS	0		147	-147
TOTAL	1350			-2924
EARTH EXCAVATION	1350		FURNISHED EXCAVATION	2925

*AN EARTH SHRINKAGE FACTOR OF 0.25 IS APPLIED

INLET & PIPE PROTECTION

LOCATION	STATION	OFFSET	EACH
I-57	731+67.50	-	1
I-57	741+89.00	-	1
I-57	747+87.50	-	1
I-57	768+50.00	-	1
I-57	777+85.00	-	1
I-57	799+36.00	-	1
I-57	825+14.00	-	1
I-57	828+14.00	-	1
I-57	850+87.00	-	1
I-57	877+56.00	-	1
I-57	895+87.00	-	1
		TOTAL	11

SEEDING, FERTILIZERS AND MULCH

LOCATION	STATION TO	STATION	OFFSET	SEEDING CLASS 2A (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	MULCH, METHOD 2 (ACRE)	TEMPORARY EROSION CONTROL SEEDING (POUND)
I-57 NB	635+25.00	904+91.00	RT	4.96	447	447	447	4.96	496
			TOTAL	4.96	447	447	447	4.96	496
			ROUNDED TOTAL	5.0	450	450	450	5.0	500

SUB-BASE GRANULAR MATERIAL, TYPE A, 12"

LOCATION	STATION TO	STATION	SQ YD
I-57 STAGE I	646+10.00	655+90.00	1416
	703+90.00	712+90.00	1300
I-57 STAGE II	646+10.00	655+90.00	1198
	703+90.00	712+90.00	1100
		TOTAL	5014

POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)

LOCATION	STATION TO	STATION	GALLON
OLYMPIAN			
RAMP A	15+00.00	26+38.00	433.4
RAMP B	7+00.00	13+79.00	231.8
MARKET			
RAMP A	0+13.00	307+69.00	310.4
RAMP B	331+48.00	9+39.00	517.5
I-57	637+35.00	902+81.00	14746.2
	637+05.00	903+11.00	7242.0
	635+25.00	904+91.00	7241.1
	635+25.00	904+91.00	3917.0
PRE-STAGE SHOULDER	638+28.00	904+91.00	1101.2
		TOTAL	35740.6
		ROUNDED TOTAL	35741

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	STATION TO	STATION	OFFSET	SQ YD
I-57 NB	635+25.00	636+45.00	RT	573
	903+71.00	904+91.00	RT	507
OLYMPIAN RAMPS				
RAMP A	15+00.00	15+67.50	RT	195
RAMP B	13+11.50	13+79.00	RT	195
CROSSOVERS	732+05		CL	37
	805+43		CL	38
			TOTAL	1545

TEMPORARY RAMPS

ACTIVITY	LOCATION	AREA (SQ YD)
BUTT JOINTS	2" RAMP AT BEGINNING I-57	80.0
	2" RAMP AT END I-57	84.4
	2.25" RAMP AT OLYMPIAN RAMP B	65.0
	2.25" RAMP AT OLYMPIAN RAMP A	65.0
	2.75" RAMP AT MARKET RAMP A	79.4
	2.75" RAMP AT MARKET RAMP B	79.4
7" BINDER INLAY	1" RAMP AT BEGINNING I-57	48.9
	1" RAMP IN MIDDLE I-57 (DUE TO 3 MILE LANE CLOSE LIMIT)	42.2
	1" RAMP AT END I-57	42.2
	1" RAMP AT OLYMPIAN RAMP B/I-57 INTERSECTION (DURING STAGE II)	28.9
	1" RAMP AT OLYMPIAN RAMP A/I-57 INTERSECTION (DURING STAGE II)	28.9
	3" RAMP AT MARKET RAMP A/I-57 INTERSECTION (DURING STAGE II)	93.0
	3" RAMP AT MARKET RAMP B/I-57 INTERSECTION (DURING STAGE II)	93.0
2.25" POLY BINDER	1" RAMP AT BEGINNING I-57 (POLY RUN DOWN TO 1")	48.9
	2.25" RAMP IN MIDDLE I-57 (DUE TO 3 MILE LANE CLOSE LIMIT)	95.0
	1" RAMP AT END I-57 (POLY RUN DOWN TO 1")	42.2
	3.25" RAMP AT OLYMPIAN RAMP B/I-57 INTERSECTION (DURING STAGE II)	104.0
	3.25" RAMP AT OLYMPIAN RAMP A/I-57 INTERSECTION (DURING STAGE II)	104.0
	5.25" RAMP AT MARKET RAMP A/I-57 INTERSECTION (DURING STAGE II)	175.0
	5.25" RAMP AT MARKET RAMP B/I-57 INTERSECTION (DURING STAGE II)	175.0
2" POLY SURFACE	2" RAMP A OLYMPIAN RAMP B/I-57 INTERSECTION (DURING STAGE II)	61.0
	2" RAMP A OLYMPIAN RAMP A/I-57 INTERSECTION (DURING STAGE II)	61.0
	2" RAMP AT MARKET RAMP A/I-57 INTERSECTION (DURING STAGE II)	61.0
	2" RAMP AT MARKET RAMP B/I-57 INTERSECTION (DURING STAGE II)	61.0
	TOTAL	1818.5
	USE	1819.0

AGGREGATE BASE COURSE, TYPE B, 6"

LOCATION	STATION	OFFSET	SQ YD
I-57 CROSSOVERS	732+05.00	RT	5
	805+43.00	RT	13
		TOTAL	18

BITUMINOUS MATERIALS (PRIME COAT)

LOCATION	STATION	OFFSET	GALLON
I-57	732+05.00	RT	9
	805+43.00	RT	9
		TOTAL	18

INCIDENTAL HOT-MIX ASPHALT SURFACING

LOCATION	STATION	OFFSET	TON
I-57 CROSSOVERS	732+05.00	RT	30
	805+43.00	RT	29
		TOTAL	59

POLYMERIZED HMA BINDER COURSE, IL-19.0, FG, N90

LOCATION	STATION TO	STATION	TON
I-57 NB	637+05.00	646+10.00	307
	655+90.00	703+90.00	1646
	712+90.00	763+40.00	1731
	767+60.00	875+00.00	3684
	879+00.00	903+11.00	824
OVERPASS	646+10.00	655+90.00	336
	703+90.00	712+90.00	309
	763+40.00	764+96.99	53
	765+00.00	767+60.00	89
	875+00.00	879+00.00	137
OLYMPIAN			
RAMP A	15+22.50	26+38.00	285
RAMP B	7+00.00	13+56.50	137
MARKET			
RAMP A	0+13.00	307+69.00	217
RAMP B	331+48.00	9+39.00	210
		TOTAL	9965

POLYMERIZED HMA SURFACE COURSE, MIX "D", N90

LOCATION	STATION TO	STATION	TON
I-57 NB	635+25.00	646+10.00	331
	655+90.00	703+90.00	1444
	712+90.00	763+40.00	1519
	767+60.00	875+00.00	3231
	879+00.00	904+91.00	784
OVERPASS	646+10.00	655+90.00	295
	703+90.00	712+90.00	271
	763+40.00	764+96.99	47
	765+00.00	767+60.00	78
	875+00.00	879+00.00	120
OLYMPIAN			
RAMP A	15+00.00	26+38.00	232
RAMP B	7+00.00	13+79.00	121
MARKET			
RAMP A	0+13.00	307+69.00	87
RAMP B	331+48.00	9+39.00	150
		TOTAL	8710

HOT-MIX ASPHALT BINDER COURSE, IL 19.0, FG, N90

LOCATION	STATION TO	STATION	TON
I-57 NB	637+35.00	646+10.00	953
	655+90.00	703+90.00	5226
	712+90.00	763+40.00	5498
	767+60.00	875+00.00	11694
	879+00.00	902+81.00	2593
OVERPASS	646+10.00	655+90.00	1715
	703+90.00	712+90.00	1575
	763+40.00	764+00.00	61
	764+00.00	764+96.99	91
	765+00.00	767+00.00	187
	767+00.00	767+60.00	61
	875+00.00	875+60.00	61
	875+60.00	878+40.00	261
	878+40.00	879+00.00	61
MARKET			
RAMP A	0+13.00	3+12.69	104
RAMP B	0+87.60	9+39.00	334
		TOTAL	30475

HOT-MIX ASPHALT SURFACE COURSE, N90, MIX "C"

PRE-STAGE DRIVING LANE PATCHING

STATION	LANE	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	THICKNESS (IN)	QUANTITY (TONS)
640+89.00	NBDL	20	6	13.33	2.00	1.49
641+15.00	NBDL	6	6	4.00	2.00	0.45
641+75.00	NBDL	6	6	4.00	2.00	0.45
649+60.00	NBDL	15	6	10.00	2.00	1.12
651+90.00	NBDL	6	6	4.00	2.00	0.45
654+71.00	NBDL	15	6	10.00	2.00	1.12
658+67.00	NBDL	15	6	10.00	2.00	1.12
674+68.00	NBDL	40	6	26.67	2.00	2.99
680+25.00	NBDL	6	6	4.00	2.00	0.45
690+24.00	NBDL	50	6	33.33	2.00	3.73
691+01.00	NBDL	75	6	50.00	2.00	5.60
695+14.00	NBDL	10	6	6.67	2.00	0.75
698+36.00	NBDL	10	6	6.67	2.00	0.75
711+00.00	NBDL	20	6	13.33	2.00	1.49
720+98.00	NBDL	6	6	4.00	2.00	0.45
726+85.00	NBDL	6	6	4.00	2.00	0.45
727+32.00	NBDL	10	6	6.67	2.00	0.75
733+62.00	NBDL	15	6	10.00	2.00	1.12
733+88.00	NBDL	15	6	10.00	2.00	1.12
740+22.00	NBDL	12	12	16.00	2.00	1.79
743+66.00	NBDL	75	6	50.00	2.00	5.60
763+50.00	NBDL	50	6	33.33	2.00	3.73
764+41.00	NBDL	25	6	16.67	2.00	1.87
777+09.00	NBDL	10	6	6.67	2.00	0.75
784+40.00	NBDL	100	6	66.67	2.00	7.47
789+83.00	NBDL	25	6	16.67	2.00	1.87
792+35.00	NBDL	50	6	33.33	2.00	3.73
793+55.00	NBDL	50	6	33.33	2.00	3.73
796+00.00	NBDL	50	6	33.33	2.00	3.73
796+73.00	NBDL	60	6	40.00	2.00	4.48
797+78.00	NBDL	50	6	33.33	2.00	3.73
800+86.00	NBDL	15	6	10.00	2.00	1.12
806+35.00	NBDL	10	6	6.67	2.00	0.75
806+92.00	NBDL	50	6	33.33	2.00	3.73
810+00.00	NBDL	50	6	33.33	2.00	3.73
811+90.00	NBDL	30	6	20.00	2.00	2.24
814+37.00	NBDL	30	6	20.00	2.00	2.24
817+92.00	NBDL	66	6	44.00	2.00	4.93
821+75.00	NBDL	20	6	13.33	2.00	1.49
823+12.00	NBDL	20	6	13.33	2.00	1.49
823+86.00	NBDL	50	6	33.33	2.00	3.73
824+20.00	NBDL	6	12	8.00	2.00	0.90
830+14.00	NBDL	15	12	20.00	2.00	2.24
834+40.00	NBDL	40	6	26.67	2.00	2.99
835+75.00	NBDL	50	6	33.33	2.00	3.73
838+00.00	NBDL	10	6	6.67	2.00	0.75
844+74.00	NBDL	6	6	4.00	2.00	0.45
846+00.00	NBDL	15	12	20.00	2.00	2.24
848+41.00	NBDL	20	12	26.67	2.00	2.99
853+90.00	NBDL	30	6	20.00	2.00	2.24
862+00.00	NBDL	10	12	13.33	2.00	1.49
864+94.00	NBDL	30	6	20.00	2.00	2.24
869+95.00	NBDL	10	6	6.67	2.00	0.75
870+73.00	NBDL	50	6	33.33	2.00	3.73
871+69.00	NBDL	20	6	13.33	2.00	1.49
872+57.00	NBDL	6	12	8.00	2.00	0.90
881+18.00	NBDL	75	6	50.00	2.00	5.60
890+24.00	NBDL	60	6	40.00	2.00	4.48
891+77.00	NBDL	20	6	13.33	2.00	1.49
894+45.00	NBDL	20	6	13.33	2.00	1.49
			SUBTOTALS	1,214.00		135.97

4' PRE-STAGE SHOULDER INLAY

STATION	STATION	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	THICKNESS (IN)	QUANTITY (TONS)
638+28.00	660+61.00	2233.00	4	992.44	2.00	111.15
668+34.00	748+00.00	7966.00	4	3540.44	2.00	396.53
750+93.00	764+96.99	1403.99	4	624.00	2.00	69.89
765+00.00	778+84.00	1384.00	4	615.11	2.00	68.89
787+02.00	904+91.00	11789.00	4	5239.56	2.00	586.83
			SUBTOTALS	11011.55		1233.29
					TOTAL	1,369.26
					USE	1370.00