

CLASS B PAVEMENT PATCHING 10" INCH SCHEDULE										
LOCATION	LANE	LENGTH	LANE WIDTH	CLASS B PATCH TYPE II	CLASS B PATCH TYPE III	CLASS B PATCH TYPE IV	DOWEL BARS 1 1/2"	TIE BARS 3/4"	PAVEMENT FABRIC	SAWCUT
		(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(EACH)		(SQ YD)	(FT)
RAMP A										
0	+	10					20			
		50.0	6.0			33.3	20	25	33.3	124.0
RAMP B										
14	+	30	LT	6.0	12.0	8.0	20			60.0
14	+	32	RT	150.0	4.0		20	75	66.7	316.0
15	+	30	RT	6.0	12.0	8.0	20			60.0
16	+	50	RT	6.0	16.0	10.7	28			76.0
16	+	50	LT	6.0	16.0	10.7	28			76.0
17	+	50	RT	6.0	17.0	11.3	28			80.0
17	+	50	LT	6.0	17.0	11.3	28			80.0
18	+	20	RT	6.0	18.0	12.0	28			84.0
18	+	20	LT	6.0	18.0	12.0	28			84.0
19	+	65		25.0	30.0		28	13	83.3	170.0
RAMP C										
13	+	30		6.0	16.0	10.7	28			76.0
13	+	90		6.0	16.0	10.7	28			76.0
15	+	20		6.0	19.0	12.7	28			88.0
15	+	50		6.0	21.0	14.0	28			96.0
16	+	20	RT	6.0	12.0	8.0	20			60.0
16	+	20	LT	6.0	12.0	8.0	20			60.0
16	+	75	RT	6.0	12.0	8.0	20			60.0
16	+	75	LT	6.0	12.0	8.0	20			60.0
16	+	90	RT	280.0	6.0		20	140	186.7	584.0
17	+	00	RT	6.0	16.0	10.7	28			76.0
18	+	00	RT	8.0	18.0		28		16.0	88.0
RAMP D										
1	+	50		6.0	16.0	10.7	28			76.0
SUBTOTAL:				185.3	16.0	336.7	592.0	227.5	352.7	2486.0
ANTICIPATED FAILURES (15%):				27.8	2.4	50.5	3.0	3.0	3.0	372.9
TOTAL:				213	18	387	595	231	356	2859

GUARDRAIL REMOVAL				
LOCATION			RT/LT	GUARDRAIL REMOVAL (FOOT)
STA	TO	STA		
IL 159				
32+40	TO	33+77.5	RT	137.5
32+74	TO	33+86.55	LT	112.5
36+20.9	TO	37+70.9	LT	150
TOTAL :				400

COMBINATION CURB AND GUTTER REMOVAL				
LOCATION			AREA	REMOVAL (FOOT)
STA	TO	STA		
IL 159				
28+41.15	TO	28+87.54	MEDIAN	103
29+52	TO	33+84.25	MEDIAN	865
38+49.89	TO	39+18.89	MEDIAN	142
RAMP "B"				
19+63	TO	19+77	ISLAND	65
TOTAL:				1175

MEDIAN REMOVAL			
LOCATION			AREA (SQ FT)
STA	TO	STA	
IL 159			
28+41.7	TO	28+87.54	486
29+52	TO	33+84.6	3325
38+50.4	TO	39+18.89	929
RAMP "B"			
19+63	TO	19+77 (ISLAND)	195
TOTAL:			4935

EARTHWORK				
LOCATION	EARTH EXCAVATION (CU YD)	EARTH EX TO BE USED AS EMBANKMENT ADJ FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE (CU YD)
IL 159	256	218	4473	-4256
RAMP B	134	116	1963	-1850
RAMP C	192	163	138	26
RAMP D	2	2	0	2
RAMP F	931	791	37745	-36954
TOTAL:	1515	1290	44319	-43032

SHRINKAGE FACTOR USED = 15%

CLASS A PAVEMENT PATCHING 11" INCH SCHEDULE										
LOCATION	LANE	LENGTH	LANE WIDTH	CLASS A PATCH TYPE III	CLASS A PATCH TYPE IV	PATCHING REINF.	TIE BARS 3/4"	SAWCUT		
		(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(EACH)	(FT)		
IL 159										
28	+	63	MIDDLE	130.0	20.0		288.9	288.9	65	340.0
36	+	15	NB	8.0	36.0		32.0	32.0		160.0
36	+	15	SB	8.0	24.0	21.3		21.3		112.0
38	+	75	MIDDLE	85.0	20.0		188.9	188.9	43	250.0
SUBTOTAL:				21.3	509.8	531.1	107.5	862.0		
ANTICIPATED FAILURES (15%):				3.2	76.5	79.7	3.0	129.3		
TOTAL:				25	586	611	111	991		

REMOVING EXISTING UNDERDRAINS				
LOCATION			RT/LT	FOOT
STA	TO	STA		
IL 159				
23+81.92	TO	1+88 (RAMP D)	RT	593
29+4.5	TO	33+84.25	LT	480
36+20.2	TO	39+85.27	LT	365
RAMP "B"				
14+32.74	TO	18+77.30	RT	418
17+21	TO	19+71.27	LT	250
RAMP "C"				
13+14.61	TO	19+13.23	LT	599
TOTAL :				2705

TREE REMOVAL				
LOCATION		TREE REMOVAL (6 TO 15 UNITS)	TREE REMOVAL (6 TO 15 UNITS)	
		(UNITS)	(UNITS)	
IL 159				
23+44	TO	30+00	14	
36+00	TO	40+00	230	50
RAMP F				
0+00	TO	24+50	206	18
TOTAL:			450	68

PAVED SHOULDER REMOVAL				
LOCATION			RT/LT	AREA (SQ YD)
STA	TO	STA		
IL 159				
23+81.92	TO	1+88 (RAMP D)	RT	539
29+4.5	TO	33+84.25	LT	140
36+20.2	TO	39+85.27	LT	404
RAMP B				
14+32.74	TO	18+77.30	RT	270
17+21	TO	19+71.27	LT	139
RAMP C				
13+14.61	TO	19+24.53	LT	290
RAMP F				
11+38	TO	24+50	RT	1469
FAI ROUTE 64				
536+35	TO	536+87	MEDIAN	92
TOTAL :				3343