

SHEET NO.	209		254	254		302	302		304		304				304		305			407				407			441		CALCULATED C/C	CHECKED CWL
	LINEAR GRADING, AS PER PLAN		PAVEMENT PLANING, ASPHALT CONCRETE, 1.25" AVERAGE	PAVEMENT PLANING, ASPHALT CONCRETE, 5" AVERAGE		8" ASPHALT CONCRETE BASE PG64-22	10.5" ASPHALT CONCRETE BASE, PG64-22		5" AGGREGATE BASE		6" AGGREGATE BASE				VARIABLE DEPTH AGGREGATE BASE (9" AVERAGE)		9" CONCRETE BASE, CLASS QC 1P			NON-TRACKING TACK COAT				TACK COAT, 702.13 (0.070 GAL/SY - 1 APPLICATION)			2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL), AS PER PLAN			
	STA		SY	SY		CY	CY		CY		CY				CY		SY			GAL				GAL			CY			
	01/IMS/PV	02/IMS/PV	01/IMS/PV	01/IMS/PV	02/IMS/PV	01/IMS/PV	01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV	09/MPO/OT	10/IMS/OT/ COL	01/IMS/PV	02/IMS/PV	01/IMS/PV	09/MPO/OT	10/IMS/OT/ COL	01/IMS/PV	02/IMS/PV	09/MPO/OT	10/IMS/OT/ COL	01/IMS/PV	09/MPO/OT	10/IMS/OT/ COL	01/IMS/PV	02/IMS/PV		
3								2612	1742			1256	838		376	251				1459	973									
4								1175	784			282	188		640	427				663	442									
5								1683	1562			773	773		340	227				983	915									
6								610	1178			359	703							343	659									
7								255	2597			153	1484			124				142	1469									
8									1506				928								841									
9								130	952			75	557							74	536									
10	14	24																									39	64		
11	10	36																									29	109		
12												12	8																	
13				861	574			-2	-59			-50	-187							121	81									
14												334		290			1700		1622	94			90	119		114				
15			3595			9						346		27	71		1924	162	-75	416		9	-5	135	12	-6				
16														3																
17												254	460																	
18										153	194	48	61							55	70									
TOTALS CARRIED TO THE GENERAL SUMMARY	24	60	3595	861	574	9	6463	10262	153	194	3842	5813	27	364	1356	1029	3624	162	1547	4350	5986	9	85	254	12	108	68	173		
SHEET NO.	441			441				442		442		442		442			SPECIAL	452			452		601		608	608		823		
	1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22			1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)				1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)		ANTI-SEGREGATION EQUIPMENT		1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN		1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76-22M			PRESSURE RELIEF JOINT, TYPE A	4" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P			12" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P		RIP RAP, WITH GROUT, AS PER PLAN		WALKWAY, MISC.: BRICK PAVER CROSSWALK	WALKWAY, MISC.: 6X6 CONCRETE PAVERS		1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448)		
	CY			CY				CY		CY		CY		CY			FT	SY			SY		SY		SF	SF		CY		
	01/IMS/PV	09/MPO/OT	10/IMS/OT/ COL	01/IMS/PV	02/IMS/PV	09/MPO/OT	10/IMS/OT/ COL	01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV		01/IMS/PV	01/IMS/PV	02/IMS/PV	01/IMS/PV		01/IMS/PV	02/IMS/PV	10/IMS/OT/ COL	01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV		
3												433	289	597	398	361	241													
4												195	130			163	109													
5												277	257	289	289	237	220													
6												100	190	139	189	12	55	117	312											
7												41	433		804		66	34	306											
8													242						206											
9												22	157		92	19	84		51											
10																														
13												42	28	78	52	36	24													
14	60		57	83			79										99			135										
15	193	6	-3	96		8	-4													496										
16																														
18				49	62													150	191			139	176	5044	771	981	35	44		
TOTALS CARRIED TO THE GENERAL SUMMARY	253	6	54	228	62	8	75	1110	1726	1103	1824	828	799	151	875		99	150	191	631		139	176	5044	771	981	35	44		
FRA - 70 / 71 - 12.68 / 14.86																														
118																														

SHEET NO.	609		609	609		609				609	609			618		622				622			622		622		872		CALCULATED CJC	CHECKED CNL
	CURB, TYPE 4-C		CURB, TYPE 6	CURB, MISC.: COLUMBUS 18" GRANITE CURB		CURB, MISC.: COLUMBUS 18" CONCRETE CURB				CURB, MISC.: COMBINATION CURB AND GUTTER, TYPE SPECIAL	4" CONCRETE TRAFFIC ISLAND			RUMBLE STRIPS, (ASPHALT CONCRETE)		CONCRETE BARRIER, SINGLE SLOPE, TYPE B				CONCRETE BARRIER, SINGLE SLOPE, TYPE C1			CONCRETE BARRIER, SINGLE SLOPE, TYPE D		CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN		VOID REDUCING ASPHALT MEMBRANE (VRAM)			
	FT		FT	FT		FT				FT	SY			MILE		FT				FT			FT		FT		FT			
	01/IMS/PV	02/IMS/PV	02/IMS/PV	11/ENH/OT/COL		10/IMS/OT/COL			01/IMS/PV	01/IMS/PV	01/IMS/PV	02/IMS/PV		01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV			01/IMS/PV	02/NHS/PV		01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV		
3	74	50																												
4	962	641																												
5	855	652																												
6	50	94																												
7																														
8		531	271																											
9		105																												
10											1280	730																		
12																														
13																70	47			48	32		739	528	194	194	10369	20059		
14				306		717			662																					
15				691						99																				
16				43		47			185					0.29	0.24															
18																														
TOTALS CARRIED TO THE GENERAL SUMMARY	1941	2073	271	1040		764			847	99	1280	730		0.29	0.24	70	47			48	32		739	528	194	194	10369	20059		
SHEET NO.	622			622		608		608		622	622		622		622		622			622		622			622					
	BARRIER MISC.: CONCRETE BARRIER, TYPE B50			CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B		8" CONCRETE WALK		WALKWAY, MISC.: COLUMBUS DETECTABLE WARNING, TYPE A			CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C1, AS PER PLAN		CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D		CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D, AS PER PLAN			CONCRETE BARRIER, END SECTION, TYPE D		CONCRETE BARRIER, END SECTION, TYPE D, AS PER PLAN "A"		CONCRETE BARRIER, END SECTION, TYPE D, AS PER PLAN "B"			BARRIER TRANSITION					
	FT			EACH		SF		SF			EACH		EACH		EACH			EACH		EACH		EACH				EACH				
	01/IMS/PV	02/NHS/PV		01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV		01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV		02/NHS/PV		01/IMS/PV	02/NHS/PV		02/NHS/PV		02/NHS/PV			01/IMS/PV	02/NHS/PV			
12	48	32		2	2						1	1	13	12		1		5	6		1		1			1	1			
18						88	112	18	23																					
TOTALS CARRIED TO THE GENERAL SUMMARY	48	32		2	2	88	112	18	23		1	1	13	12		1		5	6		1		1			1	1			
FRA - 70 / 71 - 12.68 / 14.86																														

STATION		SIDE	LENGTH (L)	AVERAGE WIDTH (W)	CURVE CORRECTION RATIO	CURB CURVE CORRECTION RATIO	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 4" EXTENSION	AREA FOR 6" EXTENSION	AREA FOR 20" EXTENSION	AREA FOR 22" EXTENSION	302	304	304	407	442	442			609		CALCULATED C/C	CHECKED C/W							
													10.5" ASPHALT CONCRETE BASE, PG64-22	6" AGGREGATE BASE	VARIABLE DEPTH AGGREGATE BASE (9" AVERAGE)	NON-TRACKING TACK COAT (0.055 GAL/SY - 3 APPLICATION)	1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN	1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)			01/IMS/PV				02/NHS/PV						
FROM	TO		FT	FT			SF	SF	SF	SF	SF	SF	CY	CY	CY	GAL	CY	CY			FT										
EASTBOUND I.R. 70													01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV			01/IMS/PV	02/NHS/PV					
FULL DEPTH SHOULDER CONT'D																															
4187+90.00	4188+87.48	LT	97.48	10.26	0.9900		990.14						19.25	12.84			16.50	11.00	10.89	7.26	2.75	1.83	3.21	2.14							
4188+87.48	4190+40.00	LT	152.52	8.67	0.9909		1310.32						25.48	16.99			21.84	14.56	14.41	9.61	3.64	2.43	4.25	2.83							
4190+40.00	4191+54.37	LT	114.37	7.95	0.9917		901.69						17.53	11.69			15.03	10.02	9.92	6.61	2.50	1.67	2.92	1.95							
4191+54.37	4192+63.51	LT	109.14	7.16	0.9917		774.96						15.07	10.05			12.92	8.61	8.52	5.68	2.15	1.44	2.51	1.67							
4192+63.51	4193+45.18	LT	81.67	7.82	0.9912		633.04						12.31	8.21			10.55	7.03	6.96	4.64	1.76	1.17	2.05	1.37							
4193+45.18	4196+99.64	LT	354.46	8.90			3154.69						61.34	40.89			52.58	35.05	34.70	23.13	8.76	5.84	10.22	6.82							
4196+99.64	4198+63.49	LT	163.85	9.08			1487.76						28.93	19.29			24.80	16.53	16.37	10.91	4.13	2.76	4.82	3.21							
4198+63.49	4199+26.94	LT	63.45	8.35			529.81						10.30	6.87			8.83	5.89	5.83	3.89	1.47	0.98	1.72	1.14							
4199+26.94	4200+19.90	LT	92.96	7.54			700.92						13.63	9.09			11.68	7.79	7.71	5.14	1.95	1.30	2.27	1.51							
4200+19.90	4200+83.38	LT	63.48	8.42			534.50						10.39	6.93			8.91	5.94	5.88	3.92	1.48	0.99	1.73	1.15							
4200+83.38	4203+42.95	LT	259.57	9.16			2377.66						46.23	30.82			39.63	26.42	26.15	17.44	6.60	4.40	7.71	5.14							
4203+42.95	4203+82.95	LT	40.00	8.41			336.40						6.54	4.36			5.61	3.74	3.70	2.47	0.93	0.62	1.09	0.73							
4203+82.95	4205+38.70	LT	155.75	7.77			1210.18						23.53	15.69			20.17	13.45	13.31	8.87	3.36	2.24	3.92	2.61							
4205+38.70	4205+78.69	LT	39.99	8.54			341.51						6.64	4.43			5.69	3.79	3.76	2.50	0.95	0.63	1.11	0.74							
4205+78.69	4208+14.66	LT	235.97	9.30			2194.52						42.67	28.45			36.58	24.38	24.14	16.09	6.10	4.06	7.11	4.74							
128+28.25	129+50.00	RT	121.75	12.00	0.9969	0.9958	1456.47				202.06		28.32	18.88	18.43	12.29			16.02	10.68	4.05	2.70	4.72	3.15			72.74	48.50			
129+50.00	133+80.04	RT	430.04	13.00	0.9968	0.9956	5572.63			713.58			108.36	72.24			104.77	69.85	61.30	40.87	15.48	10.32	18.06	12.04			256.89	171.26			
133+80.04	134+45.00	RT	64.96	11.74	0.9969	0.9959	760.27			107.82			14.78	9.86			14.47	9.65	8.36	5.58	2.11	1.41	2.46	1.64			38.82	25.88			
4157+88.17	4158+18.15	RT	30.00	CADD				317.74				50.00		6.18	4.12			6.13	4.09	3.50	2.33	0.88	0.59	1.03	0.69			18.00	12.00		
4158+18.15	4159+84.50	RT	166.35	12.68			2109.32		55.45	83.17			42.90	28.60			38.85	25.90	23.91	15.94	5.86	3.91	6.84	4.56							
4159+84.50	4161+44.10	RT	159.60	10.72	0.9845	0.9817	1684.39			52.23	78.34		34.53	23.02			31.56	21.04	19.20	12.80	4.68	3.12	5.46	3.64							
4161+44.10	4163+70.78	RT	226.68	10.00	0.9847	0.9821	2232.12		74.21	111.31			45.93	30.62			42.15	28.10	25.51	17.00	6.20	4.13	7.23	4.82							
4163+70.78	4164+98.77	RT	127.99	10.37	0.9846	0.9819	1306.82		41.89	62.84			26.84	17.89			24.57	16.38	14.91	9.94	3.63	2.42	4.24	2.82							
4164+98.77	4165+91.66	RT	92.89	11.14			1034.79		30.96	46.44			21.17	14.12			19.31	12.87	11.78	7.85	2.87	1.92	3.35	2.24							
4165+91.66	4166+21.70	RT	30.00	CADD				326.70				50.00		6.35	4.24			6.28	4.19	3.59	2.40	0.91	0.61	1.06	0.71			18.00	12.00		
4170+04.52	4170+85.14	RT	80.62	7.22	0.9928	0.9918	577.89				133.26		11.24	7.49	7.90	5.27			6.36	4.24	1.61	1.07	1.87	1.25			47.98	31.98			
4170+85.14	4171+05.03	RT	19.89	13.66	0.9919	0.9901	269.50						5.24	3.49	2.99	2.00			2.96	1.98	0.75	0.50	0.87	0.58							
4171+05.03	4171+61.45	RT	56.42	12.70	0.9921	0.9904	710.87						13.82	9.21	7.90	5.27			7.82	5.21	1.97	1.32	2.30	1.54							
4171+61.45	4172+63.03	RT	101.58	11.50	0.9922	0.9907	1159.06						22.54	15.02	12.88	8.59			12.75	8.50	3.22	2.15	3.76	2.50							
4172+63.03	4173+97.24	RT	134.21	8.75	0.9926	0.9914	1165.65						22.67	15.11	12.95	8.63			12.82	8.55	3.24	2.16	3.78	2.52							
4177+32.47	4177+77.84	RT	45.37	15.52	0.9917	0.9897	69																								

STATION		SIDE	LENGTH (L)	AVERAGE WIDTH (W)	CURVE CORRECTION RATIO	CURB CURVE CORRECTION RATIO	SURFACE AREA (A=L*W)	CADD AREA	AREA FOR 4" EXTENSION	AREA FOR 6" EXTENSION	AREA FOR 20" EXTENSION	AREA FOR 28" EXTENSION	302		304		407		442		442		442		442		609			CALCULATED C/C	CHECKED C/W									
													10.5" ASPHALT CONCRETE BASE, PG64-22		6" AGGREGATE BASE		NON-TRACKING TACK COAT (0.055 GAL/SY - .3 APPLICATION)		1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN		1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76-22M		1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)		ANTI-SEGREGATION EQUIPMENT		CURB, TYPE 4 C													
FROM	TO		FT	FT			SF	SF	SF	SF	SF	SF	CY	CY	GAL	CY	CY	CY	CY	CY	CY	CY	CY	FT		PAVEMENT CALCULATIONS														
NORTHBOUND I.R. 71													01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV								
FULL DEPTH SHOULDER CONT'D																																								
269+78.10	270+80.00	RT	101.90	14.00	0.9855	0.9745	1405.91						22.78	22.78	14.55	14.55	12.89	12.89	3.25	3.25								49.65	49.65											
270+80.00	270+85.00	RT	5.00	14.00	0.9855	0.9745	68.99		1.62	2.44	8.12		1.34	1.34	0.80	0.80	0.75	0.75	0.16	0.16																				
270+85.00	271+02.18	RT	17.18	13.66	0.9857	0.9750	231.32		5.58	8.38	27.92		4.49	4.49	2.68	2.68	2.51	2.51	0.54	0.54																				
271+02.18	271+35.00	RT	32.82	12.66	0.9993	0.9987	415.21		10.93	16.39	54.63		8.19	8.19	4.91	4.91	4.57	4.57	0.96	0.96								1.31	1.31											
271+35.00	271+78.10	RT	43.10	12.00	0.9993	0.9988	516.84		14.35	21.52	71.75		10.29	10.29	6.18	6.18	5.75	5.75	1.20	1.20								1.65	1.65											
271+78.10	272+46.34	RT	68.24	12.00	0.9995	0.9990	818.47		22.72	34.09	113.62		16.30	16.30	9.79	9.79	9.10	9.10	1.89	1.89								2.61	2.61											
272+46.34	272+46.93	RT	0.59	12.00	0.9916	0.9832	7.02		0.19	0.29	0.97		0.14	0.14	0.08	0.08	0.08	0.08	0.02	0.02								0.02	0.02											
272+46.93	273+05.93	RT	59.00	13.75	0.9904	0.9808	803.46		19.29	28.93	96.45		15.60	15.60	9.31	9.31	8.72	8.72	1.86	1.86								2.51	2.51											
273+05.93	273+56.18	RT	50.25	13.70	0.9904	0.9809	681.82		16.43	24.65	82.15		13.24	13.24	7.91	7.91	7.40	7.40	1.58	1.58								2.13	2.13											
RAMP A5																																								
FULL DEPTH LANES																																								
5003+23.96	5004+66.41	LT	142.45	14.00	1.0046		2003.47																																	
5004+66.41	5006+94.28	LT	227.87	16.00	1.0052		3664.88						64.93		37.10			36.73		9.28								10.82		20.10										
5006+94.28	5007+72.64	LT	78.36	16.00	1.0052		1260.28						118.77		67.87			67.19		16.97								19.79		36.76										
5007+72.64	5012+18.10	LT	445.46	16.00			7127.36						40.84		23.34			23.11				5.83						6.81		12.64										
5012+18.10	5015+06.97	LT	288.87	16.00	1.0158		4694.95						230.98		131.99			130.67		33.00								38.50		71.50										
													152.15		86.94			86.07		21.74								25.36		47.10										
FULL DEPTH SHOULDER																																								
5006+94.28	5007+72.64	LT	78.36	4.00	1.0092	1.0105	316.32		26.39	39.59			11.75		7.81		6.36				8.79							1.71												
5007+72.64	5012+18.10	LT	445.46	4.00			1781.84		148.49	222.73			66.17		44.00			35.84		49.50								9.62												
5012+18.10	5015+07.72	LT	289.62	4.00	1.0277	1.0316	1190.57		99.59	149.39			44.23		29.42			23.96		33.07								6.43												
5003+23.96	5004+50.00	RT	126.04	10.00	0.9967	0.9935	1256.24						40.71		23.26			23.03		5.82								6.79												
5004+50.00	5004+66.41	RT	16.41	10.00	0.9967	0.9935	163.56		5.43	8.15			5.61		3.43			3.11		0.76								0.88												
5004+66.41	5006+94.28	RT	227.87	10.00	0.9967	0.9935	2271.18		75.46	113.19			77.88		47.65			43.25		10.51								12.27												
5006+94.28	5007+44.28	RT	50.00	9.00	0.9971	0.9941	448.70		16.57	24.85			15.48		9.54			8.58		12.46								2.42												
5007+44.28	5007+72.64	RT	28.36	8.00	0.9974	0.9948	226.29		9.40	14.11			7.87		4.89			4.35		6.29								1.22												
5007+72.64	5012+18.10	RT	445.46	8.00			3563.68		148.49	222.73			123.91		76.99			68.51		98.99								19.25												
5012+18.10	5013+90.00	RT	171.90	8.00	0.9921	0.9842	1364.34		56.39	84.59			47.41		29.44			26.22		37.90								7.37												
5013+90.00	5014+34.17	RT	44.17	8.00	0.9921	0.9842	350.57				72.45		11.36		7.83			6.43		1.62								1.89		43.47										
5014+34.17	5015+05.98	RT	71.81	8.00	0.9921	0.9842	569.94		23.56	35.34	117.79		24.77		15.14			13.76		2.64								3.91												
RAMP C3																																								
FULL DEPTH LANES																																								
3000+16.87	3002+46.97	LT	230.10	14.00	1.0009		3224.30						104.49		59.71		59.11		14.93									17.42		32.35										
3002+46.97	3002+88.88	LT	41.91	16.00	1.0010		671.23						21.75		12.43		12.31		3.11									3.63		6.74										
3002+88.88	3004+13.88	LT	125.00	16.00	1.0108		2021.60						65.51		37.44		37.06		9.36									10.92		20.28										
3004+13.88	3007+82.91	LT	369.03	16.00	1.0164		6001.31						194.49		111.14		110.02		27.78									32.41		60.19										
3007+82.91	3009+00.00	LT	117.09	16.00			1873.44						60.71		34.69		34.35		8.67									10.12		18.79										
FULL DEPTH SHOULDER																																								
3004+35.94	3007+82.91	LT	346.97	4.00	1.0369	1.0410	1439.09		120.40	180.60			53.47		35.57		28.96		39.97									7.77												
3007+82.91	3008+75.00	LT	92.09	4.00			368.36		30.70	46.05			13.68		9.10		7.41		10.23									1.99												
3008+75.00	3009+00.00	LT	25.00	3.54			88.50		8.33	12.50			3.34		2.26		1.80		2.46									0.48												
TOTALS CARRIED TO PAVEMENT SUBSUMMARY													610	1178	359	703	343	659	12	55	117	312	100	190	139	189	50	94												
FRA - 70 / 71 - 12.68 / 14.86																																								
618																																								

STATION		SIDE	LENGTH (L)	AVERAGE WIDTH (W)	CURVE CORRECTION RATIO	CURB CURVE CORRECTION RATIO	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 4" EXTENSION	AREA FOR 6" EXTENSION	AREA FOR 20" EXTENSION	AREA FOR 28" EXTENSION	302	304	304	407	442	442	442	442		CALCULATED C/C	CHECKED C/WL		
													10.5" ASPHALT CONCRETE BASE, PG64-22	6" AGGREGATE BASE	VARIABLE DEPTH AGGREGATE BASE (9" AVERAGE)	NON-TRACKING TACK COAT (0.055 GAL/SY - 3 APPLICATION)	1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN	1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76-22M	1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)	ANTI-SEGREGATION EQUIPMENT					
FROM	TO		FT	FT			SF	SF	SF	SF	SF	SF	CY	CY	CY	GAL	CY	CY	CY	CY					
													01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV			
RAMP C3																									
FULL DEPTH SHOULDER CONT'D																									
3000+16.87	3002+88.88	RT	272.01	10.00	0.9993	0.9987	2718.20						88.09		50.34				49.83			12.58		14.68	
3002+88.88	3003+50.00	RT	61.12	10.00	0.9932	0.9865	607.04						19.67		11.24				11.13			2.81		3.28	
3003+50.00	3004+13.88	RT	63.88	10.00	0.9932	0.9865	634.46		21.01	31.51	105.03		26.69		15.83				14.58			2.94		4.16	
3004+13.88	3004+35.94	RT	22.06	10.00	0.9897	0.9795	218.33		7.20	10.80	36.01		9.18		5.44				5.01			1.01		1.43	
3004+35.94	3005+35.94	RT	100.00	8.00	0.9918	0.9836	793.44		32.79	49.18			27.57		17.12				15.25			3.67		4.29	
3005+35.94	3007+82.91	RT	246.97	6.00	0.9938	0.9877	1472.63		81.31	121.97			52.34		33.29				28.74			6.82		7.95	
3007+82.91	3008+00.00	RT	17.09	6.00			102.54		5.70	8.55			3.65		2.32				2.00			0.47		0.55	
3008+00.00	3009+00.00	RT	100.00	7.86			786.00		33.33	50.00			27.36		17.02				15.12			3.64		4.25	
RAMP C5																									
FULL DEPTH LANES																									
5024+38.21	5028+92.28	LT	454.07	6.00	1.0006		2726.05							88.34		50.48		75.72		49.98				14.72	27.34
5028+92.28	5030+35.26	LT	142.98	12.00	1.0012		1717.82							55.67		31.81		47.72		31.49			7.95	9.28	17.23
5030+35.26	5031+34.48	LT	99.22	13.00	1.0013		1291.54							41.86		23.92				23.68			5.98	6.98	12.96
5032+67.33	5034+97.48	LT	230.15	12.00	1.0012		2765.11							89.61		51.21				50.69			12.80	14.94	27.74
5034+97.48	5036+30.43	LT	132.95	12.00			1595.40							51.70		29.54				29.25			7.39	8.62	16.01
5036+30.43	5039+05.43	LT	275.00	14.00			3850.00							124.77		71.30				70.58			17.82	20.79	38.61
5039+05.43	5041+17.78	LT	212.35	16.00			3397.60							110.11		62.92				62.29			15.73	18.35	34.08
5041+17.78	5041+57.96	LT	40.18	16.00	0.9965		640.63							20.76		11.86				11.74			2.97	3.46	6.43
5062+27.15	5069+27.87	LT	700.72	24.00	1.0042		16887.91							547.29		312.74				309.61			78.18	91.22	169.40
5069+27.87	5069+99.95	LT	72.08	12.00	1.0021		866.78							28.09		16.05				15.89			4.01	4.68	8.69
5069+99.95	5071+16.53	LT	116.58	12.00	1.0016		1401.20							45.41		25.95				25.69			6.49	7.57	14.06
																				0.00					
5074+42.45	5076+08.84	LT	166.39	12.00	1.0016		1999.87							64.81		37.03				36.66			9.26	10.80	20.06
5076+08.84	5079+12.85	LT	304.01	12.00			3648.12							118.23		67.56				66.88			16.89	19.70	36.59
5079+12.85	5080+13.82	LT	100.97	12.00	1.0031		1215.40							39.39		22.51				22.28			5.63	6.56	12.19
5081+70.91	5081+98.63	LT	27.72	12.00	1.0031		333.67							10.81		6.18				6.12			1.54	1.80	3.34
5081+98.63	5083+86.06	LT	187.43	12.00			2249.16							72.89		41.65				41.23			10.41	12.15	22.56
5083+86.06	5084+20.00	LT	33.94	16.07			545.42							17.68		10.10				10.00			2.53	2.95	5.48
5084+20.00	5084+36.06	LT	16.06	22.07	1.0202		361.60							11.72		6.70				6.63			1.67	1.95	3.62
5084+36.06	5084+56.78	LT	20.72	24.00	1.0220		508.22							16.47		9.41				9.32			2.35	2.75	5.10
5024+38.21	5031+34.48	RT	696.27	12.00	0.9988		8345.21							270.45		154.54				153.00			38.64	45.07	83.71
5032+67.33	5034+83.90	RT	216.57	12.00	0.9988		2595.72							84.12		48.07				47.59			12.02	14.02	26.04
5062+06.35	5069+99.95	RT	793.60	12.00	0.9979		9503.20							307.97		175.99				174.23			44.00	51.33	95.33
5069+99.95	5071+16.53	RT	116.58	12.00	0.9984		1396.72							45.26		25.87				25.61			6.47	7.54	14.01
5074+42.45	5076+08.84	RT	166.39	12.00	0.9984		1993.49							64.60		36.92				36.55			9.23	10.77	20.00
5076+08.84	5079+12.85	RT	304.01	12.00			3648.12							118.23		67.56				66.88			16.89	19.70	36.59
5079+12.85	5080+13.82	RT	100.97	12.00	0.9969		1207.88							39.14		22.37				22.14			5.59	6.52	12.11
5081+70.91	5081+98.63	RT	27.72	12.00	0.9969		331.61							10.75		6.14				6.08			1.54		

STATION		SIDE	LENGTH (L)	AVERAGE WIDTH (W)	CURVE CORRECTION RATIO	CURB CURVE CORRECTION RATIO	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 4" EXTENSION	AREA FOR 6" EXTENSION	AREA FOR 20" EXTENSION	AREA FOR 28" EXTENSION	302		304		407		442		442		442				609	609		CALCULATED C/C	CHECKED C/M		
													10.5" ASPHALT CONCRETE BASE, PG64-22	CY	6" AGGREGATE BASE	CY	NON-TRACKING TACK COAT (0.055 GAL/SY - 3 APPLICATION)	GAL	1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN	CY	1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76-22M	CY	1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)	CY			CURB, TYPE 4-C	CURB, TYPE 6					
FROM	TO		FT	FT			SF	SF	SF	SF	SF	SF	CY	CY	GAL	CY	CY	CY	CY			FT	FT										
RAMP C5													01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV			02/NHS/PV	02/NHS/PV							
FULL DEPTH SHOULDER																																	
5032+65.73	5034+97.48	LT	231.75	10.00	1.0035	1.0045	2325.61				387.99			75.37		50.25		42.64			10.77		12.56			232.79							
5034+97.48	5036+25.00	LT	127.52	10.00			1275.20				212.53			41.33		27.55		23.38			5.90		6.89			127.52							
5036+25.00	5036+30.43	LT	5.43	10.00			54.30		1.81	2.71				1.86		1.14		1.03			0.25		0.29										
5036+30.43	5039+05.43	LT	275.00	8.00			2200.00		91.67	137.50				76.50		47.53		42.29			10.19		11.88										
5039+05.43	5041+17.78	LT	212.35	6.00			1274.10		70.78	106.18				45.30		28.84		24.87			5.90		6.88										
5041+17.78	5041+34.21	LT	16.43	6.00	0.9935	0.9921	97.94		5.43	8.15				3.48		2.22		1.91			0.45		0.53										
5041+34.21	5041+57.96	LT	23.75	6.00	0.9935	0.9921	141.57				39.27			4.59		3.35		2.60			0.66		0.76			23.56							
5062+50.38	5062+68.89	LT	18.51		CADD			227.95			30.85			7.39		4.79		4.18			1.06		1.23			18.51							
5062+68.89	5069+27.87	LT	658.98	10.00	1.0101	1.0119	6656.36		222.27	333.41				228.32		139.73		126.79			30.82		35.95										
5074+89.25	5076+08.84	LT	119.59	4.00	1.0037	1.0042	480.13		40.03	60.05				17.83		11.86		9.66			2.22		2.59										
5076+08.84	5078+81.85	LT	273.01	4.00			1092.04		91.00	136.50				40.55		26.96		21.97			5.06		5.90										
5078+81.85	5079+00.00	LT	18.15	4.00			72.60				30.25			2.35		1.90		1.33			0.34		0.39			18.15							
5079+00.00	5079+12.85	LT	12.85	4.00			51.40				21.42			2.36		1.35		1.34			0.24		0.39										
5079+12.85	5080+10.75	LT	97.90	4.00	1.0073	1.0084	394.46				164.54			18.12		10.35		10.25			1.83		3.02										
5081+66.63	5081+98.63	LT	32.00	4.00	1.0073	1.0084	128.93				53.78			4.18		3.38		2.36			0.60		0.70				32.27						
5081+98.63	5084+20.00	LT	221.37	4.00			885.48				368.95			28.70		23.23		16.23			4.10		4.78			221.37							
5084+20.00	5084+36.06	LT	16.06	4.00	1.0331	1.0368	66.37				27.75			2.15		1.74		1.22			0.31		0.36				16.65						
5084+36.06	5084+56.78	LT	20.72	4.00	1.0476	1.0513	86.83							2.81		1.61		1.59			0.40		0.47										
5024+38.21	5025+38.21	RT	100.00	10.95	0.9964	0.9953	1091.06		33.18	49.77				37.24		22.66		20.71			5.05		5.89										
5025+38.21	5030+50.04	RT	511.83	10.00	0.9965	0.9955	5100.39		169.84	254.76				174.92		107.03		97.14			23.61		27.55										
5030+50.04	5031+00.04	RT	50.00	14.00	0.9961	0.9947	697.27		16.58	24.87				23.54		14.14		13.14			3.23		3.77										
5031+00.04	5031+23.25	RT	23.21	17.45	0.9958	0.9940	403.31				38.45			13.07		8.18		7.39			1.87		2.18			23.07							
5031+23.25	5031+35.85	RT	12.60	16.61	0.9959	0.9942	208.43							6.75		3.86		3.82			0.96		1.13										
5032+69.04	5033+86.76	RT	117.72	10.91	0.9964	0.9953	1279.70							41.47		23.70		23.46			5.92		6.91										
5033+86.76	5034+83.94	RT	97.18	10.00	0.9965	0.9955	968.40							31.38		17.93		17.75			4.48		5.23										
5039+05.43	5041+17.78	RT	212.35	6.00			1274.10		70.78	106.18				45.30		28.84		24.87			5.90		6.88										
5041+17.78	5041+32.96	RT	15.18	6.00	1.0013	1.0026	91.20		5.07	7.61				3.24		2.06		1.78			0.42		0.49										
5041+32.96	5041+57.96	RT	25.00	6.00	1.0013	1.0026	150.20				41.78			4.87		3.56		2.75			0.70		0.81			25.07							
5061+87.48	5062+01.26	RT	13.78		CADD			78.03			22.97			2.53		1.87		1.43			0.36		0.42			13.78							
5062+01.26	5062+81.58	RT	80.32	10.00	0.9941	0.9923	798.46		26.57	39.85				27.38		16.75		15.21			3.70		4.31										
5062+81.58	5063+31.58	RT	50.00	11.00	0.9939	0.9920	546.65		16.53	24.80				18.65		11.35		10.38			2.53		2.95										
5063+31.58	5063+49.88	RT	18.30	12.00	0.9937	0.9916	218.22				30.24			7.07		4.60		4.00			1.01		1.18			18.15							

PAVEMENT CALCULATIONS

FRA - 70 / 71 - 12.68 / 14.86

STATION		SIDE	LENGTH (L)	AVERAGE WIDTH (W)	CURVE CORRECTION RATIO	CURB CURVE CORRECTION RATIO	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 4" EXTENSION	AREA FOR 6" EXTENSION	AREA FOR 20" EXTENSION	AREA FOR 28" EXTENSION	302	304	407	442	442	442	442	609		CALCULATED C/C	CHECKED C/W								
													10.5" ASPHALT CONCRETE BASE, PG64-22	6" AGGREGATE BASE	NON-TRACKING TACK COAT (0.055 GAL/SY - 3 APPLICATION)	1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN	1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76-22M	1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)	ANTI-SEGREGATION EQUIPMENT	CURB, TYPE 4-C											
FROM	TO		FT	FT			SF	SF	SF	SF	SF	SF	CY	CY	GAL	CY	CY	CY	CY	FT		PAVEMENT CALCULATIONS									
RAMP C5													01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	
FULL DEPTH SHOULDER CONTD.																															
5081+76.21	5081+98.63	RT	22.42	10.00	0.9911	0.9885	222.20							7.20		4.11		4.07													
5081+98.63	5084+20.00	RT	221.37	10.00			2213.70							71.74		40.99		40.58													
5084+20.00	5084+56.78	RT	36.78	10.00	0.9688	0.9597	356.32							11.55		6.60		6.53													
RAMP C6																															
FULL DEPTH LANES																															
6000+00.00	6001+83.07	LT	183.07	12.00			2196.84							71.19		40.68		40.28													
6005+03.02	6006+78.48	LT	175.46	12.00	1.0022		2110.15							68.38		39.08		38.69													
6006+78.48	6010+12.24	LT	333.76	12.00	1.0022		4013.93							130.08		74.33		73.59		18.58											
6010+12.24	6010+81.51	LT	69.27	12.00	1.0016		832.57							26.98		15.42		15.26		3.85											
6010+81.51		RT	CADD					17.50						0.57		0.32		0.32		0.08											
FULL DEPTH SHOULDER																															
6000+00.00	6000+50.00	LT	50.00	9.00			450.00			16.67	25.00			15.53		9.57		8.61			2.08		2.43								
6000+50.00	6001+51.38	LT	101.38	8.00			811.04			33.79	50.69			28.20		17.52		15.59		3.75		4.38									
6001+51.38	6001+80.33	LT	28.95	8.00			231.60			9.65	14.47			8.05		5.00		4.45		1.07		1.25									
6004+99.82	6005+66.44	LT	66.62	8.00	1.0059	1.0074	536.10					111.85		17.37		12.00		9.83			2.48		2.90								
6005+66.44	6006+03.73	LT	37.29	8.00	1.0059	1.0074	300.08					62.61		9.72		6.72		5.50			1.39		1.62								
6006+03.73	6006+78.48	LT	74.75	8.00	1.0059	1.0074	601.53							19.49		11.14		11.03			2.78		3.25								
6006+78.48	6007+78.48	LT	100.00	6.00	1.0055	1.0066	603.30							19.55		11.17		11.06		2.79		3.26									
6007+78.48	6009+10.70	LT	132.22	4.00	1.0052	1.0059	531.63							17.23		9.85		9.75		2.46		2.87									
6005+65.11	6005+66.44	RT	1.33	8.00			10.64			0.44	0.66			0.37		0.23		0.20			0.05		0.06								
6005+66.44	6006+78.48	RT	112.04	8.00	0.9985	0.9970	894.98			37.23	55.85			31.12		19.33		17.20			4.14		4.83								
6006+78.48	6009+00.00	RT	221.52	8.00	0.9985	0.9970	1769.50			73.62	110.43			61.52		38.22		34.02		8.19			9.56								
6009+00.00	6010+12.24	RT	112.24	10.23	0.9981	0.9962	1146.03			37.27	55.91			39.25		23.98		21.81		5.31			6.19								
6010+12.24	6010+36.04	RT	23.80	12.92	0.9983	0.9966	306.97			7.91	11.86			10.40		6.27		5.80		1.42			1.66								
6010+36.04	6010+81.51	RT	45.47	13.61	0.9982	0.9964	617.73			15.10	22.65			20.88		12.56		11.65		2.86			3.34								
6010+81.51		RT	8.32	CADD					63.38	2.77	4.16			2.21		1.38		1.22		0.29			0.34								
GORE AREAS																															
EB I.R. 70/ RAMP C5																															
5028+92.28	5031+36.48	LT		CADD					1800.55					58.35		33.34		33.01		8.34			9.73								
RAMP C5/ RAMP C3																															
3002+46.97	3004+35.94	LT		CADD					1000.90					32.44		18.54		18.35		4.63			5.41								
NB S.R. 315/ NB I.R. 71																															
254+00.38	258+66.99	LT		CADD					3796.96					61.52	61.52	35.16	35.16	34.81	34.81	8.79	8.79		10.25	10.25							
NB I.R. 71/ RAMP A5																															
5004+66.41	5006+94.28	LT		CADD					2244.83					72.75		41.57		41.16		10.39			12.12								
RAMP C5/ RAMP C6																															
5069+27.87	5071+18.62	LT		CADD					208.55					6.76		3.86		3.82		0.97			1.13								
5074+40.30	5074+89.25	LT		CADD					1221.47					39.58		22.62		22.39		5.65			6.60								
RAMP C6/ EB I.R. 70																															
6009+10.70	6010+81.51	LT		CADD					1852.00					36.01	24.01	20.58	13.72	20.37	13.58	5.14	3.43		6.00	4.00							
TOTALS CARRIED TO PAVEMENT SUBSUMMARY													130	952	75	557	74	536	19	84		51	22	157		92		105			
																						9 18									

PAVEMENT CALCULATIONS

FRA - 70 / 71 - 12.68 / 14.86

[illegible]

STATION		SIDE	LENGTH (L)	AVERAGE WIDTH (W)	CURVE CORRECTION RATIO	CURB CURVE CORRECTION RATIO	SURFACE AREA (A=L*W)	CADD AREA	AREA FOR 6" EXTENSION	AREA FOR 12" EXTENSION	AREA FOR 18" EXTENSION	304	305	407	407	441	441	452	609	609	609	SPECIAL							
												6" AGGREGATE BASE	9" CONCRETE BASE, CLASS CC 1P	NON-TRACKING TACK COAT (0.055 GAL/SY - 1 APPLICATION)	TACK COAT, 702.13 (0.070 GAL/SY - 1 APPLICATION)	1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22	1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	12" NON-REINFORCED CONCRETE PAVEMENT, CLASS CC 1P	CURB, MISC.: COLUMBUS 18" CONCRETE CURB	CURB, MISC.: COLUMBUS 18" GRANITE CURB	CURB, MISC.: COLUMBUS 18" CONCRETE CURB	PRESSURE RELIEF JOINT, TYPE A							
FROM	TO		FT	FT			SF	SF	SF	SF	SF	CY	SY	GAL	GAL	CY	CY	SY	FT	FT	FT	FT							
LIVINGSTON AVE																													
FULL DEPTH												01/IMS/PV	10/IMS/OT/ COL	01/IMS/PV	10/IMS/OT/ COL	01/IMS/PV	10/IMS/OT/ COL	01/IMS/PV	10/IMS/OT/ COL	01/IMS/PV	10/IMS/OT/ COL	01/IMS/PV							
200+04.62	200+28.61	LT	23.99	3.75			89.96			23.99		2.11		10.00		0.55		0.70		0.35		0.49							
200+28.61	200+41.49	LT	12.88	8.52	0.9782	0.9564	107.35			12.32		2.22		11.93		0.66		0.83		0.41		0.58							
200+41.49	200+81.85	LT	40.36	10.00	0.9744	0.9488	393.27			38.29		7.99		43.70		2.40		3.06		1.52		2.12							
200+81.85	200+88.85	LT	7.00	13.50			94.50			7.00		1.88		10.50		0.58		0.74		0.36		0.51							
200+88.85	202+09.96	LT	121.11	17.00			2058.87			121.11		40.37		228.76		12.58		16.01		7.94		11.12							
202+09.96	202+16.96	LT	7.00	13.50			94.50			7.00		1.88		10.50		0.58		0.74		0.36		0.51							
202+16.96	202+44.29	LT	27.33	10.98	0.9808	0.9617	294.32			26.28		5.94		32.70		1.80		2.29		1.14		1.59							
202+44.29	202+45.37	LT	1.08	11.98			12.94			1.08		0.26		1.44		0.08		0.10		0.05		0.07							
203+66.42	204+02.12	LT	38.33			CADD		354.83		38.33		7.28		39.43		2.17		2.76		1.64		1.92							
204+02.12	207+31.89	LT	329.77	23.00			7584.71			329.77			146.56		842.75		46.35		58.99		29.26		40.97						
207+31.89	207+47.00	LT	15.11	14.82			223.93			15.11			4.43		24.88		1.37		1.74		0.86		1.21						
200+04.62	200+28.61	RT	23.99	11.00			263.89				35.99	5.55		29.32		1.61		2.05		1.02		1.43							
200+28.61	200+81.85	RT	53.24	11.00	1.0282	1.0563	602.16				84.36	12.71		66.91		3.68		4.68		2.32		3.25							
200+81.85	201+01.09	RT	19.24	10.00			192.40				28.86	4.10		21.38		1.18		1.50		0.74		1.04							
200+28.61	201+01.09	RT	77.16			CADD		781.95				115.74	16.62		86.88		4.78		6.08		3.62		4.22						
201+01.09	202+16.99	RT	115.90	10.00			1159.00				173.85	24.68		128.78		7.08		9.01		4.47		6.26							
202+16.99	202+44.29	RT	27.30	11.40	1.0199	1.0398	317.41				42.58	6.67		35.27		1.94		2.47		1.22		1.71							
202+44.29	202+44.64	RT	0.35	12.80			4.48				0.52	0.09		0.50		0.03		0.03		0.02		0.02							
204+02.12	206+33.97	RT	231.85	16.00			3709.60				347.78		75.14		412.18		22.67		28.85		14.31		20.04						
206+33.97	207+00.26	RT		19.50							99.43	1292.65		25.78		143.63		7.90		10.05		4.99		6.98					
207+00.26	207+74.00	RT	73.74	24.12			1778.61				110.61		34.99		197.62		10.87		13.83		6.86		9.61						
FRONT ST																													
FULL DEPTH																													
147+75.00	147+87.46	LT	12.46	23.50			292.81				18.69	5.77		32.53		1.79		2.28		1.13		1.58							
147+87.46	148+19.22	LT	31.76	24.30			771.77				47.64	15.17		85.75		4.72		6.00		2.98		4.17							
148+19.22	148+21.47	LT	8.95			CADD		108.13			13.43	2.25		12.01		0.66		0.84		0.42		0.58							
148+21.47	148+25.58	LT	4.26			CADD		76.81			6.39	1.54										0.58							
148+25.58	148+26.61	LT	1.03			CADD		19.17			1.55		0.38									2.13							
																						2.13							
151+39.35	151+40.35	LT	1.00	28.30			28.30				1.50		0.55									3.14							
151+40.35	151+44.35	LT	4.00	28.25			113.00				6.00	2.20										4.00							
151+44.35	152+50.00	LT	105.65	27.17			2870.51				158.47	56.09		318.95		17.54		22.33		11.07		15.50							
155+20.64	155+21.64	LT	1.00	26.95			26.95				1.50		0.53									2.99							
																						2.99							
147+75.00	147+78.00	RT	3.00	22.79			68.37				4.50	1.35		7.60		0.42		0.53		0.26		0.37							
147+78.00	148+10.77	RT	32.77	22.75			745.52				49.16	14.72		82.84		4.56		5.80		2.88		4.03							
148+10.77	148+21.47	RT	5.20			CADD		182.64			7.80	3.53		20.29		1.12		1.42		0.70		0.99							
148+21.47	148+25.58	RT	4.00			CADD		96.67			6.00	1.90										4.00							
148+25.58	148+26.61	RT	1.03			CADD		24.76			1.55		0.49									2.75							
																						2.75							
151+39.35	151+40.35	RT	1.00	26.60			26.60			1.00			0.51									2.96							
151+40.35	151+44.35	RT	4.00	26.60			106.40		2.00			2.01										4.00							
151+44.35	152+18.08	RT	73.73	26.54			1956.79		36.86			36.92		217.42		11.96		15.22		7.55		10.57							
151+40.35	152+18.08	RT	84.20	7.50			631.50			84.20		13.25		70.17		3.86		4.91		2.44		3.41							
152+18.08	152+35.63	RT	17.55	28.38			462.97			17.55		8.90		51.44		2.83		3.60		1.79		2.50							
152+35.63	152+47.66	RT	12.03	26.43			317.95			12.03		6.11		35.33		1.94		2.47		1.23		1.72							
152+47.66	152+50.00	RT	2.34	26.59			62.22			2.34		1.20		6.91		0.38		0.48		0.24		0.34							
155+20.64	155+21.64	RT	1.00	25.66			25.66			1.00			0.49									2.85							
148+48.20	148+61.92	LT/RT	36.30			CADD		1061.59				54.45	20.67									117.95							
TOTALS CARRIED TO PAVEMENT SUBSUMMARY												334	290	1700	1622	94	90	119	114	60	57	83	79	135	662	306	717		99
																						14		18					

STATION		SIDE	LENGTH (L)	AVERAGE WIDTH (W)	CURVE CORRECTION RATIO	CURB CURVE CORRECTION RATIO	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 12" EXTENSION	AREA FOR 36" EXTENSION	254	302	304				305	407				407				441				452	609	609	CALCULATED G/C	CHECKED CWL					
											PAVEMENT PLANING, ASPHALT CONCRETE, 1.25" AVERAGE	8" ASPHALT CONCRETE BASE PG64-22	6" AGGREGATE BASE				9" CONCRETE BASE, CLASS QC 1P				NON-TRACKING TACK COAT (0.055 GAL/SY - 1 OR 2 APPLICATION) OR (0.085 GAL/SY - 1 APPLICATION)				TACK COAT, 702.13 (0.070 GAL/SY - 1 APPLICATION)				1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22						1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)				12" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
FROM	TO		FT	FT			SF	SF	SF	SF	SY	CY	CY				SY				GAL				GAL				CY				CY				SY	FT	FT
											01/IMS/PV	01/IMS/PV	01/IMS/PV	09/MPO/OT	10/IMS/ OT/COL	01/IMS/PV	09/MPO/OT	10/IMS/ OT/COL	01/IMS/PV	09/MPO/OT	10/IMS/ OT/COL	01/IMS/PV	09/MPO/OT	10/IMS/ OT/COL	01/IMS/PV	09/MPO/OT	10/IMS/ OT/COL	01/IMS/PV	09/MPO/OT	10/IMS/ OT/COL	01/IMS/PV	11/ENH/ OT/COL	01/IMS/PV						
FRONT ST																																							
RESURFACING											21.38								1.82								0.74												
152+50.00	152+57.34	LT	7.34	26.21			192.38																																
152+57.34	153+39.21	LT	81.87	26.36			2158.09				239.79								20.38								8.33												
153+39.21	155+20.64	LT	181.43	26.69			4842.37				538.04								45.73								18.68												
152+50.00	155+20.64	RT	270.64	26.12			7069.12				785.46								66.76								27.27												
FULTON ST																																							
FULL DEPTH																																							
19+58.05	19+62.00	LT	3.95	3.94			15.56		3.95				0.36				1.73			0.10				0.12			0.06			0.08		3.95							
19+62.00	19+66.62	LT	4.62	10.20			47.12		4.62				0.96				5.24			0.29			0.37			0.18			0.25			4.62							
19+66.62	19+87.23	LT	20.61	14.64			301.73		20.61				5.97				33.53			1.84			2.35			1.16			1.63			20.61							
19+87.23	22+00.00	LT	212.77	31.00			6595.87		212.77				126.09				732.87			40.31			51.30			25.45			35.63			212.77							
22+00.00	22+40.00	LT	40.00	30.50			1220.00		40.00				23.33				135.56			7.46			9.49			4.71			6.59			40.00							
22+40.00	23+00.00	LT	60.00	30.00			1800.00		60.00				34.44				200.00			11.00			14.00			6.94			9.72			60.00							
23+00.00	23+15.00	LT	15.00	29.81			447.15		15.00				8.56				49.68			2.73			3.48			1.73			2.42			15.00							
19+85.90	19+87.23	RT	1.33	3.43			4.56		1.33				0.11				0.51			0.03			0.04			0.02			0.02			1.33							
19+87.23	20+45.00	RT	57.77	17.00			982.09		57.77				19.26				109.12			6.00			7.64			3.79			5.30			57.77							
20+45.00	20+53.00	RT	8.00	21.00			168.00		8.00				3.26				18.67			1.03			1.31			0.65			0.91			8.00							
20+53.00	23+00.00	RT	247.00	25.00			6175.00		247.00				118.93				686.11			37.74			48.03			23.82			33.35			247.00							
23+00.00	23+15.00	RT	15.00	21.84			327.60		15.00				6.34				36.40			2.00			2.55			1.26			1.77			15.00							
MOUND ST																																							
FULL DEPTH																																							
11+49.86	11+50.86	LT	1.00	26.88			26.88								0.50																2.99	1.00							
11+68.38	12+33.37	LT			CADD			2408.88							44.61																267.65								
12+52.78	12+53.78	LT	1.00	24.69			24.69								0.46																2.74	1.00							
11+49.86	11+50.86	RT	1.00	18.82			18.82								0.35																2.09	1.00							
11+68.38	12+33.37	RT			CADD			1961.03							36.32																217.89								
12+52.78	12+53.78	RT	1.00	21.75			21.75								0.40																2.42	1.00							
RESURFACING																																							
12+53.78	12+85.70	LT	31.92	24.90			794.81				88.31								7.51							3.07													
12+85.70	14+57.28	LT	171.58	24.73			4243.17				471.46								40.07							16.37													
14+57.28	16+33.38	LT	176.10	24.32			4282.75				475.86								40.45							16.52													
16+33.38	16+40.67	LT	7.29	25.47			185.68				20.63								1.75							0.72													
12+53.78	16+40.67	RT	386.89	22.19			8585.09				953.90								81.08							33.12													
SOUDER AVE																																							
FULL DEPTH																																							
5+65.70	6+13.55	LT	47.85	3.63			173.70			143.55		4.29	5.88						2.12							0.67			0.94				47.85						
5+61.73	6+12.28	RT	50.55	3.69			186.53			151.65		4.61	6.26						2.28							0.72			1.01				50.55						
2' BIKE LANE MORPC ADJUSTMENT																																							
FULTON ST																																							
19+63.11	23+15.00	LT	351.89	2.00			703.78						-13.03	13.03			-78.20	78.20		-4.30	4.30				-5.47	5.47		-2.72	2.72		-3.80	3.80							
LIVINGSTON AVE																																							
203+66.42	204+02.12	LT	35.70	2.00			71.40						-1.32	1.32			-7.93	7.93		-0.44	0.44				-0.56	0.56		-0.28	0.28		-0.39	0.39							
204+02.12	207+39.28	LT	337.16	2.00			674.32							12.49	-12.49			74.92	-74.92		4.12	-4.12			5.24	-5.24		2.60	-2.60		3.64	-3.64							
TOTALS CARRIED TO PAVEMENT SUBSUMMARY											3595	9	346	27	71		1924	162	-75	416	9	-5	135	12	-6	193	6	-3	96	8	-4	496	691	99	15 18				

STATION		SIDE	LENGTH (L)	AVERAGE WIDTH (W)	CURVE CORRECTION RATIO	CURB CURVE CORRECTION RATIO	SURFACE AREA (A=LxW)	CADD AREA		AREA FOR 18" EXTENSION	608	609	609		304				618								CALCULATED C/C	CHECKED C/M			
											WALKWAY, MISC.: BRICK PAVER CROSSWALK	CURB, MISC.: COLUMBUS 18" GRANITE CURB	CURB, MISC.: COLUMBUS 18" CONCRETE CURB		6" AGGREGATE BASE				RUMBLE STRIPS, (ASPHALT CONCRETE)												
FROM	TO		FT	FT			SF	SF		SF	SY	FT	FT		CY				MILE												
WEST MOUND ST											10/IMS/OT/ COL	11/ENH/ OT/COL	10/IMS/OT/ COL	01/IMS/PV			01/IMS/PV	02/NHS/PV	10/IMS/OT/ COL			01/IMS/PV	02/NHS/PV								
23+48.52	25+21.36	LT	184.88																												
CROSSWALK TREATMENT																															
FRONT ST																															
148+26.61	148+48.20	LT/RT	46.74			CADD		1071.71		70.11	1141.82		46.74						1.30												
151+19.35	151+39.35	LT/RT	42.78			CADD		1140.76		64.17	1204.93	42.78						1.19													
155+21.64	155+35.89	LT/RT				CADD		762.59			762.59																				
MOUND ST																															
11+50.86	11+69.68	LT/RT				CADD		957.51			957.51																				
12+33.37	12+52.78	LT/RT				CADD		976.86			976.86																				
RUMBLE STRIPS																															
EASTBOUND I.R. 70																															
125+96.00	126+97.69	LT	101.69																	0.01	0.01										
128+26.12	129+50.00	LT	123.88																	0.01	0.01										
119+98.35	126+97.69	RT	699.34																	0.08	0.05										
128+26.12	134+45.00	RT	618.88																	0.07	0.05										
NORTHBOUND I.R. 71																															
252+86.40	257+67.00	RT	480.60																	0.05	0.05										
257+67.00	258+90.12	RT	123.12																	0.01	0.01										
258+67.00	263+12.50	LT	445.50																	0.04	0.04										
260+86.40	263+12.50	RT	226.10																	0.02	0.02										
TOTALS CARRIED TO PAVEMENT SUBSUMMARY											5044	43	47	185					3				0.29	0.24							
PAVEMENT CALCULATIONS																									FRA - 70 / 71 - 12.68 / 14.86						
																									16 18						

[illegible]

