

SHEET NO.	209		254		254		302		302		304		304		304		305		407				407			441		CALCULATED CJC	CHECKED CWL	PAVEMENT SUBSUMMARY	
	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																															
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10	14	24																											39	64	
11	10	36																											29	109	
12																															
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18																															
TOTALS CARRIED TO THE GENERAL SUMMARY	24	60	3595	861	574	9	6463	10262	142	181	3842	5813	27	364	1356	1029	3624	162	1547	4295	5916	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 (447), 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																															
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5																															
6																															
7																															
8																															
9																															
10																															
13																															
14	60		57	83			79										99			135											
15	193	6	-3	96		8	-4													496											
16																															
18				46	58													150	191				139	176		5044	771	981	33	41	
TOTALS CARRIED TO THE GENERAL SUMMARY	253	6	54	225	58	8	75	1110	1726	1103	1824	828	799	151	875		99	150	191	631		139	176	5044	771	981	33	41			
118																															

SHEET NO.	609		609	609		609				609	609			618	622				622			622	622				CALCULATED C/C	CHECKED C/C
	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					
	FT		FT	FT		FT				FT	SY			MILE		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		
3	74	50																										
4	962	641																										
5	855	652																										
6	50	94																										
7																												
8		531	271																									
9		105																										
10											1280	730																
12																70	47			48	32		739	528	194	194		
13																												
14				306		717			662																			
15				691						99																		
16				43		47			185					1.0	1.0													
18																												
TOTALS CARRIED TO THE GENERAL SUMMARY	1941	2073	271	1040		764			847	99	1280	730		1	1	70	47			48	32		739	528	194	194		
SHEET NO.	622			622										622	622	622			622	622		622	622		622		PAVEMENT SUBSUMMARY	
	BARRIER MISC.: CONCRETE BARRIER, TYPE B50			CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B									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									EACH	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		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	
TOTALS CARRIED TO THE GENERAL SUMMARY	48	32		2	2								1	1	13	12		1		5	6		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 28" EXTENSION	302	304	304	407	442	442	442	609		CALCULATED CIC	CHECKED CWL						
													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 (447), AS PER PLAN	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	CY	GAL	CY	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	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	
FULL DEPTH LANES																													
125+96.00	126+95.71	LT	99.71	24.00	1.0021		2398.07						46.63	31.09	26.65	17.76			26.38	17.59	6.66	4.44	7.77	5.18	14.43	9.62			
128+27.86	129+50.00	LT	122.14	24.00	1.0021		2937.52						57.12	38.08	32.64	21.76			32.31	21.54	8.16	5.44	9.52	6.35	17.68	11.79			
4169+93.98	4175+58.08	LT	564.10	24.00	1.0031		13580.37						264.06	176.04	150.89	100.60			149.38	99.59	37.72	25.15	44.01	29.34	81.73	54.49			
4177+15.06	4177+77.84	LT	62.78	24.00	1.0031		1511.39						29.39	19.59	16.79	11.20			16.63	11.08	4.20	2.80	4.90	3.27	9.10	6.07			
4177+77.84	4186+04.15	LT	826.31	24.00			19831.44						385.61	257.07	220.35	146.90			218.15	145.43	55.09	36.72	64.27	42.85	119.36	79.57			
4186+04.15	4186+25.00	LT	20.85	24.00	0.9959		498.35						9.69	6.46	5.54	3.69			5.48	3.65	1.38	0.92	1.62	1.08	3.00	2.00			
4186+25.00	4186+72.06	LT	CADD					81.99					1.59	1.06			1.37	0.91	0.90	0.60	0.23	0.15	0.27	0.18	0.50	0.33			
125+96.00	126+95.68	RT	99.68	12.00	0.9990		1194.96						23.24	15.49	13.28	8.85			13.14	8.76	3.32	2.21	3.87	2.58	7.19	4.79			
128+28.25	129+50.00	RT	121.75	12.00	0.9990		1459.54						28.38	18.92	16.22	10.81			16.05	10.70	4.05	2.70	4.73	3.15	8.78	5.85			
4169+93.98	4175+64.56	RT	570.58	24.00	0.9969		13651.47						265.45	176.96	151.68	101.12			150.17	100.11	37.92	25.28	44.24	29.49	82.16	54.77			
4177+25.72	4177+77.84	RT	52.12	41.43	0.9946		2147.67						41.76	27.84	23.86	15.91			23.62	15.75	5.97	3.98	6.96	4.64	12.93	8.62			
4177+77.84	4186+04.15	RT	826.31	32.59			26929.44						523.63	349.09	299.22	199.48			296.22	197.48	74.80	49.87	87.27	58.18	162.07	108.05			
4186+04.15	4186+20.50	RT	16.35	24.16	1.0042		396.68						7.71	5.14	4.41	2.94			4.36	2.91	1.10	0.73	1.29	0.86	2.39	1.59			
4186+20.50	4186+72.06	RT	51.56	24.00	1.0041		1242.51						24.16	16.11			20.71	13.81	13.67	9.11	3.45	2.30	4.03	2.68	7.48	4.98			
4186+72.06	4196+03.94	RT	CADD					10272.67					199.75	133.16			171.21	114.14	113.00	75.33	28.54	19.02	33.29	22.19	61.83	41.21			
4196+03.94	4197+98.56	RT	194.62	5.40			1050.95						20.44	13.62			17.52	11.68	11.56	7.71	2.92	1.95	3.41	2.27	6.33	4.22			
FULL DEPTH SHOULDER																													
125+96.00	126+33.00	LT	37.00	12.74	1.0053	1.0064	473.88				86.89		10.90	7.27	6.23	4.15			6.17	4.11	1.32	0.88	1.82	1.21					
126+33.00	126+95.75	LT	62.75	12.00	1.0052	1.0063	756.92				147.34		17.58	11.72	10.05	6.70			9.95	6.63	2.10	1.40	2.93	1.95					
128+27.50	128+95.00	LT	67.50	12.00	1.0052	1.0063	814.21			113.21			15.83	10.55	10.30	6.87			8.96	5.97	2.26	1.51	2.64	1.76		40.76	27.17		
128+95.00	129+50.00	LT	55.00	11.39	1.0052	1.0062	629.71			92.24			12.24	8.16	8.02	5.35			6.93	4.62	1.75	1.17	2.04	1.36		33.20	22.14		
4158+61.63	4165+98.74	LT	CADD					7502.84					145.89	97.26			125.05	83.36	82.53	55.02	20.84	13.89	24.31	16.21					
4169+82.17	4170+02.21	LT	20.04	14.00	1.0081		282.83						5.50	3.67	3.14	2.10			3.11	2.07	0.79	0.52	0.92	0.61					
4170+02.21	4170+41.79	LT	39.58	14.80	1.0082		590.59						11.48	7.66	6.56	4.37			6.50	4.33	1.64	1.09	1.91	1.28					
4170+41.79	4170+51.68	LT	9.89	15.30	1.0083		152.57						2.97	1.98	1.70	1.13			1.68	1.12	0.42	0.28	0.49	0.33					
4170+51.68	4170+91.16	LT	39.48	16.85	1.0085		670.89						13.05	8.70	7.45	4.97			7.38	4.92	1.86	1.24	2.17	1.45					
4170+91.16	4173+50.00	LT	258.84	15.00	1.0082	1.0102	3914.44		87.16	130.74			79.08	52.72	47.37	31.58			44.18	29.45	10.87	7.25	12.69	8.46					
4173+50.00	4174+06.00	LT	56.00	15.20	1.0083	1.0103	858.26		18.86	28.29			17.33	11.55	10.37	6.92			9.68	6.46	2.38	1.59	2.78	1.85					
4174+06.00	4174+45.96	LT	39.96	14.65	1.0082		590.21						11.48	7.65	6.56	4.37			6.49	4.33	1.64	1.09	1.91	1.28					
4174+45.96	4174+55.95	LT	9.99	13.90	1.0081		139.99						2.72	1.81	1.56	1.04			1.54	1.03	0.39	0.26	0.45	0.30					
4174+55.95	4174+95.93	LT	39.98	14.20	1.0081		572.31						11.13	7.42	6.36	4.24			6.30	4.20	1.59	1.06	1.85	1.24					
4174+95.93	4175+53.86	LT	57.93	14.20	1.0081		829.27						16.12	10.75	9.21	6.14			9.12	6.08	2.30	1.54	2.69	1.79					
4177+10.18	4177+57.34	LT	47.16	12.46	1.0079	1.0095	592.26		15.87	23.80	111.09		15.14	10.09	9.05	6.03			8.46	5.64	1.65	1.10	2.43	1.62					
4177+57.34	4177+77.84	LT	20.50	12.38	1.0079	1.0095	255.79		6.90	10.35	48.29		6.55	4.37	3.92	2.61			3.66	2.44	0.71	0.47	1.05	0.70					
4177+77.84	4180+77.93	LT	300.09	11.94			3583.07		100.03	150.04	700.21		92.52	61.68	55.37	36.91			51.70	34.47	9.95	6.64	14.85	9.90					
4180+77.93	4181+17.93	LT	40.00	11.24			449.60		13.33	20.00	93.33		11.79	7.86	7.07	4.71			6.58	4.39	1.25	0.83	1.89	1.26					
4181+17.93	4186+04.15	LT	486.22	10.30			5008.07		162.07	243.11	1134.51		134.41	89.61	80.86	53.90			75.00	50.00	13.91	9.27	21.48	14.32					

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 CIC	CHECKED CWL
													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 (447), AS PER PLAN		1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)				CURB, TYPE 4-C				
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			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							

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	609		CALCULATED CIC	CHECKED CWL								
													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)	1.12" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN	1.34" 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		CY		GAL		CY		CY		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	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	01/IMS/PV	02/NHS/PV	
FULL DEPTH SHOULDER CONT'D																															
4193+45.18	4195+94.13	RT	248.95	10.00			2489.50					414.92	48.41	32.27			48.41	32.27	27.38	18.26	6.92	4.61	8.07	5.38			149.37	99.58			
4195+94.13	4197+44.64	RT	150.51	9.92			1493.06					250.85	29.03	19.35			29.07	19.38	16.42	10.95	4.15	2.76	4.84	3.23			90.31	60.20			
4197+44.64	4197+98.56	RT	53.92	9.90			533.81		17.97	26.96	89.87		13.26	8.84			12.04	8.03	7.39	4.93	1.48	0.99	2.11	1.41							
4197+98.56	4200+64.05	RT	265.49	9.97			2646.94						51.47	34.31			44.12	29.41	29.12	19.41	7.35	4.90	8.58	5.72							
4200+64.05	4200+89.05	RT	25.00	11.48			287.00				41.67		5.58	3.72			5.48	3.65	3.16	2.10	0.80	0.53	0.93	0.62			15.00	10.00			
4200+89.05	4205+28.94	RT	439.89	13.00			5718.57				733.15		111.19	74.13			107.53	71.69	62.90	41.94	15.88	10.59	18.53	12.35			263.93	175.96			
WESTBOUND I.R. 70																															
FULL DEPTH SHOULDER																															
186+04.59	187+56.00	LT	151.41			CADD		1408.86			252.35		27.39	18.26			27.69	18.46	15.50	10.33	3.91	2.61	4.57	3.04			90.85	60.56			
184+46.44	188+07.13	RT				CADD		3891.88					75.68	50.45			64.86	43.24	42.81	28.54	10.81	7.21	12.61	8.41							
NORTHBOUND I.R. 71																															
FULL DEPTH LANES																															
252+86.40	254+00.38	LT	113.98	24.00			2735.52						44.33	44.33	25.33	25.33			25.08	25.08	6.33	6.33	7.39	7.39	13.72	13.72					
254+00.38	264+34.96	LT	1034.58	24.00	1.0031		24906.89						403.58	403.58	230.62	230.62			228.31	228.31	57.65	57.65	67.26	67.26	124.91	124.91					
264+34.96	266+34.96	LT	200.00	24.00	1.0110		4852.80						78.63	78.63	44.93	44.93			44.48	44.48	11.23	11.23	13.11	13.11	24.34	24.34					
266+34.96	271+02.18	LT	467.22	24.00	1.0188		11424.09						185.11	185.11	105.78	105.78			104.72	104.72	26.44	26.44	30.85	30.85	57.29	57.29					
271+02.18	272+46.34	LT	144.16	24.00	1.0010		3463.30						56.12	56.12	32.07	32.07			31.75	31.75	8.02	8.02	9.35	9.35	17.37	17.37					
272+46.34	273+78.43	LT	132.09	24.00	1.0168		3223.42						52.23	52.23	29.85	29.85			29.55	29.55	7.46	7.46	8.71	8.71	16.17	16.17					
252+86.40	254+00.38	RT	113.98	6.00			683.88						11.08	11.08	6.33	6.33			6.27	6.27	1.58	1.58	1.85	1.85	3.43	3.43					
254+00.38	257+13.02	RT	312.64	12.00	0.9984		3745.68						60.69	60.69	34.68	34.68			34.34	34.34	8.67	8.67	10.12	10.12	18.79	18.79					
264+34.96	266+34.96	RT	200.00	2.25	0.9990		449.55						7.28	7.28	4.16	4.16			4.12	4.12	1.04	1.04	1.21	1.21	2.25	2.25					
266+34.96	269+78.10	RT	343.14	4.50	0.9965		1538.73						24.93	24.93	14.25	14.25			14.11	14.11	3.56	3.56	4.16	4.16	7.72	7.72					
269+78.10	271+02.18	RT	124.08	3.30	0.9974		408.40						6.62	6.62	3.78	3.78			3.74	3.74	0.95	0.95	1.10	1.10	2.05	2.05					
271+02.18	271+78.10	RT	75.92	1.05	1.0000		79.72						1.29	1.29	0.74	0.74			0.73	0.73	0.18	0.18	0.22	0.22	0.40	0.40					
FULL DEPTH SHOULDER																															
713+95.10	714+20.10	LT	25.00	10.00			250.00				41.67		4.05	4.05	2.70	2.70			2.29	2.29	0.58	0.58	0.68	0.68			12.50	12.50			
714+20.10	715+09.28	LT	89.18																								44.59	44.59			
258+66.99	264+34.96	LT	567.97	4.00	1.0068	1.0073	2287.33		190.71	286.06			42.47	42.47	28.24	28.24			37.57	37.57	5.29	5.29	6.18	6.18							
264+34.96	266+34.96	LT	200.00	4.00	1.0238	1.0257	819.04		68.38	102.57			15.21	15.21	10.12	10.12			13.45	13.45	1.90	1.90	2.21	2.21							
266+34.96	271+02.18	LT	467.22	4.00	1.0408	1.0440	1945.13		162.59	243.89			36.13	36.13	24.03	24.03			31.95	31.95	4.50	4.50	5.25	5.25							
271+02.18	271+82.90	LT	80.72	4.00	1.0023	1.0024	323.62		26.97	40.46			6.01	6.01	4.00	4.00			5.32	5.32	0.75	0.75	0.87	0.87							
271+82.90	272+01.00	LT	18.10	4.00	1.0023	1.0024	72.57				30.24		1.18	1.18	0.95	0.95			0.67	0.67	0.17	0.17	0.20	0.20			9.07	9.07			
272+01.00	272+46.34	LT	45.34	4.00	1.0023	1.0024	181.78		15.15	22.72	75.75		9.94	9.94	3.16	3.23			2.73	2.73	0.42	0.42	0.76	0.76							
272+46.34	272+50.00	LT	3.66	4.00	1.0363	1.0391	15.17		1.27	1.90	6.34		0.83	0.83	0.26	0.27			0.23	0.23	0.04	0.04	0.06	0.06							
272+50.00	273+98.00	LT	148.00	4.00	1.0363	1.0391	613.49		51.26																						

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			CALCULATED CIC	CHECKED CWL
													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 (447), 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	CY	CY	CY	CY		PAVEMENT CALCULATIONS			
													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			
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			12.62		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														

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				609		609			CALCULATED CIC	CHECKED CWL
													10.5" ASPHALT CONCRETE BASE, PG64-22		6" AGGREGATE BASE		NON-TRACKING TACK COAT (0.055 GAL/SY - 3 APPLICATION)		1.1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN		1.1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76- 22M		1.3 1/4" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)				CURB, TYPE 4-C	CURB, TYPE 6			
FROM	TO		FT	FT			SF	SF	SF	SF	SF	SF	CY		CY		GAL		CY		CY				FT		FT				
													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					
RAMP C5																															
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									

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			PAVEMENT CALCULATIONS					
													10.5" ASPHALT CONCRETE BASE, PG64-22		6" AGGREGATE BASE		NON-TRACKING TACK COAT (0.055 GAL/SY - 3 APPLICATION)		1.1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN		1.1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76-22M		1.3 1/4" 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		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	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				1.03		1.20												
5081+98.63	5084+20.00	RT	221.37	10.00			2213.70							71.74	40.99		40.58				10.25		11.96												
5084+20.00	5084+56.78	RT	36.78	10.00	0.9688	0.9597	356.32							11.55	6.60		6.53				1.65		1.92												
RAMP C6																																			
FULL DEPTH LANES																																			
6000+00.00	6001+83.07	LT	183.07	12.00			2196.84							71.19	40.68		40.28				10.17		11.87			22.04									
6005+03.02	6006+78.48	LT	175.46	12.00	1.0022		2110.15							68.38	39.08		38.69				9.77		11.40			21.17									
6006+78.48	6010+12.24	LT	333.76	12.00	1.0022		4013.93							130.08	74.33		73.59		18.58				21.68			40.26									
6010+12.24	6010+81.51	LT	69.27	12.00	1.0016		832.57							26.98	15.42		15.26		3.85				4.50			8.35									
6010+81.51		RT						17.50						0.57	0.32		0.32		0.08			0.09		0.17											
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				67.11								
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					37.57								
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					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						1800.55						58.35	33.34		33.01		8.34			9.73													
RAMP C5/ RAMP C3																																			
3002+46.97	3004+35.94	LT						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						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						2244.83						72.75	41.57		41.16		10.39			12.12													
RAMP C5/ RAMP C6																																			
5069+27.87	5071+18.62	LT						208.55						6.76	3.86		3.82		0.97			1.13													
5074+40.30	5074+89.25	LT						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						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							
																										918									

[illegible]

[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 QC 1P		NON-TRACKING TACK COAT (0.055 GAL/SY - 1 APPLICATION)		TACK COAT, 70213 (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	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					FT					
LIVINGSTON AVE												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	10/IMS/OT/ COL	01/IMS/PV	10/IMS/OT/ COL	01/IMS/PV	10/IMS/OT/ COL	01/IMS/PV	11/ENH/ OT/COL	10/IMS/OT/ COL		01/IMS/PV
FULL DEPTH																																
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			23.99							
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			12.32							
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			38.29							
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			7.00							
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			121.11							
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			7.00							
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			26.28							
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			1.08							
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			38.33							
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			329.77						
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			15.11						
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			23.99							
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			77.16							
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			115.90							
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			28.39							
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			0.35							
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			231.85						
206+33.97	207+00.26	RT		19.50			1292.65				66.29		25.78		143.63		7.90		10.05		4.99		6.98			66.29						
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			73.74						
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			12.46							
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			31.76							
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			8.95							
148+21.47	148+25.58	LT	4.26			CADD		76.81			6.39	1.54													4.26			19.52				
148+25.58	148+26.61	LT	1.03			CADD		19.17			1.55		0.38										2.13		1.03							
151+39.35	151+40.35	LT	1.00	28.30			28.30				1.50		0.55											3.14		1.00						
151+40.35	151+44.35	LT	4.00	28.25			113.00				6.00	2.20												4.00			28.29					
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			105.65							
155+20.64	155+21.64	LT	1.00	26.95			26.95				1.50		0.53										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			3.00							
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			32.77							
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			5.20							
148+21.47	148+25.58	RT	4.00			CADD		96.67			6.00	1.90													4.00			24.20				
148+25.58	148+26.61	RT	1.03			CADD		24.76			1.55		0.49										2.75		1.03							
151+39.35	151+40.35	RT	1.00	26.60			26.60			1.00			0.51										2.96		1.00							
151+40.35	151+44.35	RT	4.00	26.60			106.40		2.00			2.01												4.00			26.60					
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			73.73							
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			84.20							
152+18.08	152+35.63	RT	17.55	26.38			462.97			17.55		8.90		51.44		2.83		3.60		1.79		2.50			17.55							
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			12.03							
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			2.34							
155+20.64	155+21.64	RT	1.00	25.66			25.66			1.00			0.49																			
148+48.20	148+61.92	LT/RT	36.30			CADD		1061.59				54.45	20.67										2.85									
																						117.95		36.30								
TOTALS CARRIED TO PAVEMENT SUBSUMMARY												334	290	1700	1622	94	90	119	114	60	57	83	79	135	662	306	717		99			

PAVEMENT CALCULATIONS

FRA - 70 / 71 - 12.68 / 14.86

1418

STATION		SIDE	LENGTH (L)	AVERAGE WIDTH (W)	CURVE CORRECTION RATIO	CURB CURVE CORRECTION RATIO	SURFACE AREA (A=L*W)	CADD AREA	AREA FOR 12" EXTENSION	AREA FOR 36" EXTENSION	254	302	304				305			407			407			441			441			452	609	609	CALCULATED C/C	CHECKED C/C	PAVEMENT CALCULATIONS
											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	CURB, MISC.: COLUMBUS 18" GRANITE CURB	CURB, MISC.: COMBINATION CURB AND GUTTER, TYPE SPECIAL			
FROM	TO		FT	FT			SF	SF	SF	SF	SY	CY	CY				SY			GAL			GAL			CY			CY			SY	FT	FT			
FRONT ST											01/IMS/PV	01/IMS/PV	01/IMS/PV	09/IMPO/OT	10/IMS/OT/COL	01/IMS/PV	09/IMPO/OT	10/IMS/OT/COL	01/IMS/PV	09/IMPO/OT	10/IMS/OT/COL	01/IMS/PV	09/IMPO/OT	10/IMS/OT/COL	01/IMS/PV	09/IMPO/OT	10/IMS/OT/COL	01/IMS/PV	09/IMPO/OT	10/IMS/OT/COL	01/IMS/PV	09/IMPO/OT	10/IMS/OT/COL	01/IMS/PV	11/ENH/OT/COL	01/IMS/PV	
RESURFACING																																					
152+50.00	152+57.34	LT	7.34	26.21			192.38				21.38																										
152+57.34	153+39.21	LT	81.87	26.36			2158.09				239.79																										
153+39.21	155+20.64	LT	181.43	26.69			4842.37				538.04																										
152+50.00	155+20.64	RT	270.64	26.12			7069.12				785.46																										
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															3.07											
12+85.70	14+57.28	LT	171.58	24.73			4243.17				471.46															16.37											
14+57.28	16+33.38	LT	176.10	24.32			4282.75				475.86															16.52											
16+33.38	16+40.67	LT	7.29	25.47			185.68				20.63															0.72											
12+53.78	16+40.67	RT	386.89	22.19			8585.09				953.90															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		

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=L*W)	CADD AREA		AREA FOR 18" EXTENSION	608	609	609		304					618								CALCULATED CJC	CHECKED CWL			
											WALKWAY, MISC.; BRICK PAVEMENT 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																																
23+48.52	25+21.36	LT	184.88								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									
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 LR. 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 LR. 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			1	1								
FRA - 70 / 71 - 12.68 / 14.86																																
16 18																																

STATION		SIDE	LENGTH (L)	AVERAGE WIDTH (W)	CURVE CORRECTION RATIO	CURB CURVE CORRECTION RATIO	SURFACE AREA (A=LXW)	CADD AREA	AREA FOR 6" EXTENSION	AREA FOR 36" EXTENSION					304																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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