

STATION		SIDE	LENGTH (L)	AVERAGE WIDTH (W)	CURVE CORRECTION RATIO	CURB CURVE CORRECTION RATIO	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 16" EXTENSION	AREA FOR 20" EXTENSION	AREA FOR 28" EXTENSION	AREA FOR 56" EXTENSION	204		204		206		206				CALCULATED CJC	SUBGRADE CALCULATIONS	CHECKED CWL		
													SUBGRADE COMPACTION		PROOF ROLLING (1 HOUR/2000 SQ YD)		CEMENT (0.75 x 115 x 0.05) LB/SY		CURING COAT							CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP	
FROM	TO		FT	FT			SF	SF	SF	SF	SF	SF	SY		HOUR		TON		SY		SY						
													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	02/IMS/PV					
EASTBOUND I.R. 70																											
FULL DEPTH LANES																											
125+96.00	126+95.71	LT	99.71	24.00	1.0021		2398.07								0.080	0.053	0.345	0.230	159.87	106.58	159.87	106.58					
128+27.86	129+50.00	LT	122.14	24.00	1.0021		2937.52								0.098	0.065	0.422	0.282	195.83	130.56	195.83	130.56					
4169+93.98	4172+00.00	LT	206.02	24.00	1.0031		4959.81								0.165	0.110	0.713	0.475	330.65	220.44	330.65	220.44					
4172+00.00	4175+58.73	LT	358.73	24.00	1.0031		8636.21						575.75	383.83	0.288	0.192											
4177+15.67	4177+77.84	LT	62.17	24.00	1.0031		1496.71						99.78	66.52	0.050	0.033											
4177+77.84	4180+82.06	LT	304.22	24.00			7301.28						486.75	324.50	0.243	0.162											
4180+82.06	4186+04.15	LT	522.09	24.00			12530.16								0.418	0.278	1.801	1.201	835.34	556.90	835.34	556.90					
4186+04.15	4186+25.00	LT	20.85	24.00	0.9959		498.35								0.017	0.011	0.072	0.048	33.22	22.15	33.22	22.15					
4186+25.00	4186+72.06	LT	CADD					81.99					5.47	3.64	0.003	0.002											
125+96.00	126+95.68	RT	99.68	12.00	0.9990		1194.96								0.040	0.027	0.172	0.115	79.66	53.11	79.66	53.11					
128+28.25	129+50.00	RT	121.75	12.00	0.9990		1459.54								0.049	0.032	0.210	0.140	97.30	64.87	97.30	64.87					
4169+93.98	4172+00.00	RT	206.02	24.00	0.9969		4929.15								0.164	0.110	0.709	0.472	328.61	219.07	328.61	219.07					
4172+00.00	4175+64.56	RT	364.56	24.00	0.9969		8722.32						581.49	387.66	0.291	0.194											
4177+25.72	4177+77.84	RT	52.12	41.43	0.9946		2147.67						143.18	95.45	0.072	0.048											
4177+77.84	4180+82.06	RT	304.22	37.81			11502.56						766.84	511.22	0.383	0.256											
4180+82.06	4186+04.15	RT	522.09	29.55			15427.76								0.514	0.343	2.218	1.478	1028.52	685.68	1028.52	685.68					
4186+04.15	4186+20.50	RT	16.35	24.16	1.0042		396.68								0.013	0.009	0.057	0.038	26.45	17.63	26.45	17.63					
4186+20.50	4186+25.00	RT	4.50	24.00	1.0041		108.44								0.004	0.002	0.016	0.010	7.23	4.82	7.23	4.82					
4186+25.00	4186+72.06	RT	47.06	24.00	1.0041		1134.07						75.60	50.40	0.038	0.025											
4186+72.06	4196+03.94	RT	CADD					10272.67					684.84	456.56	0.342	0.228											
4196+03.94	4197+98.56	RT	194.62	5.40			1050.95						70.06	46.71	0.035	0.023											
FULL DEPTH SHOULDER																											
125+96.00	126+33.00	LT	37.00	12.74	1.0053	1.0064	473.88				86.89				0.019	0.012	0.081	0.054	37.38	24.92	37.38	24.92					
126+33.00	126+95.75	LT	62.75	12.00	1.0052	1.0063	756.92				147.34				0.030	0.020	0.130	0.087	60.28	40.19	60.28	40.19					
128+27.50	128+95.00	LT	67.50	12.00	1.0052	1.0063	814.21			113.21					0.031	0.021	0.133	0.089	61.83	41.22	61.83	41.22					
128+95.00	129+50.00	LT	55.00	11.39	1.0052	1.0062	629.71			92.24					0.024	0.016	0.104	0.069	48.13	32.09	48.13	32.09					
4158+50.35	4166+01.56	LT	CADD					7502.84							0.250	0.167	1.079	0.719	500.19	333.46	500.19	333.46					
4169+82.17	4170+02.21	LT	20.04	14.00	1.0081		282.83								0.009	0.006	0.041	0.027	18.86	12.57	18.86	12.57					
4170+02.21	4170+41.79	LT	39.58	14.80	1.0082		590.59								0.020	0.013	0.085	0.057	39.37	26.25	39.37	26.25					
4170+41.79	4170+51.68	LT	9.89	15.30	1.0083		152.57								0.005	0.003	0.022	0.015	10.17	6.78	10.17	6.78					
4170+51.68	4170+91.16	LT	39.48	16.85	1.0085		670.89								0.022	0.015	0.096	0.064	44.73	29.82	44.73	29.82					
4170+91.16	4172+00.00	LT	108.84	15.00	1.0082	1.0102	1645.99		146.60						0.060	0.040	0.258	0.172	119.51	79.67	119.51	79.67					
4172+00.00	4173+50.00	LT	150.00	15.00	1.0082	1.0102	2268.45		202.04				164.70	109.80	0.082	0.055											
4173+50.00	4174+01.00	LT	51.00	15.20	1.0083	1.0103	781.63		68.70				56.69	37.79	0.028	0.019											
4174+01.00	4174+45.96	LT	44.96	14.65	1.0082		664.07						44.27	29.51	0.022	0.015											
4174+45.96	4174+55.95	LT	9.99	13.90	1.0081		139.99						9.33	6.22	0.005	0.003											
4174+55.95	4174+95.93	LT	39.98	14.20	1.0081		572.31						38.15	25.44	0.019	0.013											
4174+95.93	4175+53.86	LT	57.93	14.20	1.0081		829.27																				

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EASTBOUND I.R. 70																								
FULL DEPTH SHOULDER CONT'D																								
4186+04.15	4186+25.00	LT	20.85	9.59	0.9901	0.9884	197.97					96.17			0.010	0.007	0.042	0.028	19.61	13.07	19.61	13.07		
4186+25.00	4186+39.42	LT	14.42	9.44	0.9901	0.9885	134.78					66.52			0.007	0.004	0.029	0.019	13.42	8.95	13.42	8.95		
4186+39.42	4187+90.00	LT	150.58	CADD				1483.72				702.71			0.073	0.049	0.314	0.210	145.76	97.17	145.76	97.17		
4187+90.00	4188+87.48	LT	97.48	10.26	0.9900		990.14								0.033	0.022	0.142	0.095	66.01	44.01	66.01	44.01		
4188+87.48	4190+40.00	LT	152.52	8.67	0.9909		1310.32								0.044	0.029	0.188	0.126	87.35	58.24	87.35	58.24		
4190+40.00	4191+54.37	LT	114.37	7.95	0.9917		901.69								0.030	0.020	0.130	0.086	60.11	40.08	60.11	40.08		
4191+54.37	4192+63.51	LT	109.14	7.16	0.9917		774.96								0.026	0.017	0.111	0.074	51.66	34.44	51.66	34.44		
4192+63.51	4193+45.18	LT	81.67	7.82	0.9912		633.04								0.021	0.014	0.091	0.061	42.20	28.14	42.20	28.14		
4193+45.18	4196+99.64	LT	354.46	8.90			3154.69								0.105	0.070	0.453	0.302	210.31	140.21	210.31	140.21		
4196+99.64	4198+63.49	LT	163.85	9.08			1487.76								0.050	0.033	0.214	0.143	99.18	66.12	99.18	66.12		
4198+63.49	4199+26.94	LT	63.45	8.35			529.81								0.018	0.012	0.076	0.051	35.32	23.55	35.32	23.55		
4199+26.94	4200+19.90	LT	92.96	7.54			700.92								0.023	0.016	0.101	0.067	46.73	31.15	46.73	31.15		
4200+19.90	4200+83.38	LT	63.48	8.42			534.50								0.018	0.012	0.077	0.051	35.63	23.76	35.63	23.76		
4200+83.38	4203+42.95	LT	259.57	9.16			2377.66								0.079	0.053	0.342	0.228	158.51	105.67	158.51	105.67		
4203+42.95	4203+82.95	LT	40.00	8.41			336.40								0.011	0.007	0.048	0.032	22.43	14.95	22.43	14.95		
4203+82.95	4205+38.70	LT	155.75	7.77			1210.18								0.040	0.027	0.174	0.116	80.68	53.79	80.68	53.79		
4205+38.70	4205+78.69	LT	39.99	8.54			341.51								0.011	0.008	0.049	0.033	22.77	15.18	22.77	15.18		
4205+78.69	4208+14.77	LT	236.08	9.30			2195.54								0.073	0.049	0.316	0.210	146.37	97.58	146.37	97.58		
128+28.25	133+80.04	RT	551.79	12.00	0.9969	0.9958	6600.95			915.79					0.251	0.167	1.081	0.720	501.12	334.08	501.12	334.08		
133+80.04	134+05.00	RT	24.96	11.90	0.9969	0.9958	296.10			41.43					0.011	0.008	0.049	0.032	22.50	15.00	22.50	15.00		
4157+88.17	4158+18.15	RT	30.00	CADD				317.74			50.00				0.012	0.008	0.053	0.035	24.52	16.34	24.52	16.34		
4158+18.15	4159+84.50	RT	166.35	12.68			2109.32		221.80						0.078	0.052	0.335	0.223	155.41	103.61	155.41	103.61		
4159+84.50	4161+44.10	RT	159.60	10.72	0.9845	0.9817	1684.39		208.91						0.063	0.042	0.272	0.181	126.22	84.15	126.22	84.15		
4161+44.10	4163+70.78	RT	226.68	10.00	0.9847	0.9821	2232.12		296.83						0.084	0.056	0.364	0.242	168.60	112.40	168.60	112.40		
4163+70.78	4164+98.77	RT	127.99	10.37	0.9846	0.9819	1306.82		167.56						0.049	0.033	0.212	0.141	98.29	65.53	98.29	65.53		
4164+98.77	4165+91.66	RT	92.89	11.14			1034.79		123.85						0.039	0.026	0.167	0.111	77.24	51.50	77.24	51.50		
4165+91.66	4166+21.70	RT	30.00	CADD				326.70			50.00				0.013	0.008	0.054	0.036	25.11	16.74	25.11	16.74		
4170+04.52	4170+85.14	RT	80.62	7.22	0.9928	0.9918	577.89			133.26					0.024	0.016	0.102	0.068	47.41	31.61	47.41	31.61		
4170+85.14	4171+05.03	RT	19.89	13.66	0.9919	0.9901	269.50								0.009	0.006	0.039	0.026	17.97	11.98	17.97	11.98		
4171+05.03	4171+61.45	RT	56.42	12.70	0.9921	0.9904	710.87								0.024	0.016	0.102	0.068	47.39	31.59	47.39	31.59		
4171+61.45	4172+00.00	RT	38.55	11.75	0.9922	0.9906	449.43								0.015	0.010	0.065	0.043	29.96	19.97	29.96	19.97		
4172+00.00	4172+63.03	RT	63.03	11.25	0.9922	0.9908	703.56					46.90	31.27		0.023	0.016								
4172+63.03	4173+97.24	RT	134.21	8.75	0.9926	0.9914	1165.65					77.71	51.81		0.039	0.026								

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													SUBGRADE COMPACTION	PROOF ROLLING (1 HOUR/2000 SQ YD)	CEMENT (0.75 x 115 x 0.05) LB/SY	CURING COAT	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP									
FROM	TO		FT	FT			SF	SF	SF	SF	SF	SF	SY	HOUR	TON	SY	SY									
													01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV						
EASTBOUND I.R. 70																										
FULL DEPTH SHOULDER CONT'D																										
4192+72.36	4192+82.76	RT	10.40	4.25	1.0088	1.0088	44.60			17.49					0.002	0.001	0.009	0.006	4.14	2.76	4.14	2.76				
4192+82.76	4193+32.76	RT	50.00	7.13	1.0093	1.0093	359.82			84.11					0.015	0.010	0.064	0.043	29.60	19.73	29.60	19.73				
4193+32.76	4193+45.18	RT	12.42	10.00	1.0098	1.0098	125.42			20.90					0.005	0.003	0.021	0.014	9.75	6.50	9.75	6.50				
4193+45.18	4195+94.13	RT	248.95	10.00			2489.50			414.92					0.097	0.065	0.418	0.278	193.63	129.09	193.63	129.09				
4195+94.13	4197+44.64	RT	150.51	9.92			1493.06			250.85					0.058	0.039	0.251	0.167	116.26	77.51	116.26	77.51				
4197+44.64	4197+98.56	RT	53.92	9.90			533.81				188.72				0.024	0.016	0.104	0.069	48.17	32.11	48.17	32.11				
4197+98.56	4200+64.05	RT	265.49	9.97			2646.94								0.088	0.059	0.380	0.254	176.46	117.64	176.46	117.64				
4200+64.05	4200+89.05	RT	25.00	11.48			287.00			41.67					0.011	0.007	0.047	0.031	21.91	14.61	21.91	14.61				
4200+89.05	4205+28.94	RT	439.89	13.00			5718.57			733.15					0.215	0.143	0.927	0.618	430.11	286.74	430.11	286.74				
NORTHBOUND I.R. 71																										
FULL DEPTH LANES																										
252+86.40	254+00.38	LT	113.98	24.00			2735.52								0.076	0.076	0.328	0.328	151.97	151.97	151.97	151.97				
254+00.38	262+00.00	LT	799.62	24.00	1.0031		19250.37								0.535	0.535	2.306	2.306	1069.47	1069.47	1069.47	1069.47				
262+00.00	264+34.96	LT	234.96	24.00	1.0031		5656.52						314.25	314.25	0.157	0.157										
264+34.96	266+34.96	LT	200.00	24.00	1.0110		4852.80						269.60	269.60	0.135	0.135										
266+34.96	269+00.00	LT	265.04	24.00	1.0188		6480.55						360.03	360.03	0.180	0.180										
269+00.00	271+02.18	LT	202.18	24.00	1.0188		4943.54								0.137	0.137	0.592	0.592	274.64	274.64	274.64	274.64				
271+02.18	272+46.34	LT	144.16	24.00	1.0010		3463.30								0.096	0.096	0.415	0.415	192.41	192.41	192.41	192.41				
272+46.34	273+78.43	LT	132.09	24.00	1.0168		3223.42								0.090	0.090	0.386	0.386	179.08	179.08	179.08	179.08				
252+86.40	254+00.38	RT	113.98	6.00			683.88								0.019	0.019	0.082	0.082	37.99	37.99	37.99	37.99				
254+00.38	257+13.02	RT	312.64	12.00	0.9984		3745.68								0.104	0.104	0.449	0.449	208.09	208.09	208.09	208.09				
264+34.96	266+34.96	RT	200.00	2.25	0.9990		449.55						24.98	24.98	0.012	0.012										
266+34.96	269+00.00	RT	265.04	4.50	0.9965		1188.51						66.03	66.03	0.033	0.033										
269+00.00	269+78.10	RT	78.10	4.50	0.9965		350.22								0.010	0.010	0.042	0.042	19.46	19.46	19.46	19.46				
269+78.10	271+02.18	RT	124.08	3.30	0.9974		408.40								0.011	0.011	0.049	0.049	22.69	22.69	22.69	22.69				
271+02.18	271+78.10	RT	75.92	1.05	1.0000		79.72								0.002	0.002	0.010	0.010	4.43	4.43	4.43	4.43				
FULL DEPTH SHOULDER																										
258+66.99	258+90.12	LT	25.00	10.00			250.00			41.67					0.008	0.008	0.035	0.035	16.20	16.20	16.20	16.20				
258+66.99	262+00.00	LT	333.01	4.00	1.0068	1.0073	1341.10		447.25						0.050	0.050	0.214	0.214	99.35	99.35	99.35	99.35				
262+00.00	264+34.96	LT	234.96	4.00	1.0068	1.0073	946.23		315.57				70.10	70.10	0.035	0.035										
264+34.96	266+34.96	LT	200.00	4.00	1.0238	1.0257	819.04		273.52				60.70	60.70	0.030	0.030										
266+34.96	269+00.00	LT	265.04	4.00	1.0408	1.0440	1103.41		368.94				81.80	81.80	0.041	0.041										
269+00.00	271+02.18	LT	202.18	4.00	1.0408	1.0440	841.72		281.43						0.031	0.031	0.135	0.135	62.40	62.40	62.40	62.40				
271+02.18	271+82.90	LT	80.72	4.00	1.0023	1.0024	323.62		107.88						0.012	0.012	0.052	0.052	23.97	23.97	23.97	23.97				
271+82.90	272+01.00	LT	18.10	4.00	1.0023	1.0024	72.57			30.24					0.003	0.003	0.012	0.012	5.71	5.71	5.71	5.71				
272+01.00	272+46.34	LT	45.34	4.00	1.0023	1.0024	181.78				159.07				0.009	0.009	0.041	0.041	18.94	18.94	18.94	18.94				
272+46.34	272+50.00</																									

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													SUBGRADE COMPACTION	PROOF ROLLING (1 HOUR/2000 SQ YD)	CEMENT (0.75 x 115 x 0.05) LB/SY	CURING COAT	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP									
FROM	TO		FT	FT			SF	SF	SF	SF	SF	SF	SY	HOUR	TON	SY	SY									
													01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV						
NORTHBOUND I.R. 71																										
FULL DEPTH SHOULDER CONT'D																										
266+34.96	269+00.00	RT	265.04	14.00	0.9819	0.9709	3643.40						226.24	226.24	0.113	0.113										
269+00.00	269+78.10	RT	78.10	14.00	0.9819	0.9709	1073.61								0.033	0.033	0.144	0.144	66.67	66.67	66.67	66.67				
269+78.10	270+80.00	RT	101.90	14.00	0.9855	0.9745	1405.91								0.044	0.044	0.188	0.188	87.30	87.30	87.30	87.30				
270+80.00	270+85.00	RT	5.00	14.00	0.9855	0.9745	68.99								0.002	0.002	0.010	0.010	4.78	4.78	4.78	4.78				
270+85.00	271+02.18	RT	17.18	13.66	0.9857	0.9750	231.32					17.05			0.008	0.008	0.035	0.035	16.11	16.11	16.11	16.11				
271+02.18	271+35.00	RT	32.82	12.66	0.9993	0.9987	415.21					114.72			0.015	0.015	0.063	0.063	29.44	29.44	29.44	29.44				
271+35.00	271+78.10	RT	43.10	12.00	0.9993	0.9988	516.84					150.67			0.019	0.019	0.080	0.080	37.08	37.08	37.08	37.08				
271+78.10	272+46.34	RT	68.24	12.00	0.9995	0.9990	818.47					238.60			0.029	0.029	0.127	0.127	58.73	58.73	58.73	58.73				
272+46.34	272+46.93	RT	0.59	12.00	0.9916	0.9832	7.02					2.03			0.000	0.000	0.001	0.001	0.50	0.50	0.50	0.50				
272+46.93	273+05.93	RT	59.00	13.75	0.9904	0.9808	803.46					202.54			0.028	0.028	0.121	0.121	55.89	55.89	55.89	55.89				
273+05.93	273+56.18	RT	50.25	13.70	0.9904	0.9809	681.82					172.52			0.024	0.024	0.102	0.102	47.46	47.46	47.46	47.46				
RAMP A5																										
FULL DEPTH LANES																										
5003+23.96	5004+66.41	LT	142.45	12.00	1.0039		1716.07											0.411		190.67		190.67				
5004+66.41	5006+94.28	LT	227.87	14.00	1.0046		3204.85											0.768		356.09		356.09				
5006+94.28	5007+72.64	LT	78.36	16.00	1.0052		1260.28											0.302		140.03		140.03				
5007+72.64	5008+50.00	LT	77.36	16.00			1237.76											0.297		137.53		137.53				
5008+50.00	5012+18.10	LT	368.10	16.00			5889.60						654.40		0.327											
5012+18.10	5015+06.97	LT	288.87	16.00	1.0158		4694.95						521.66		0.261											
FULL DEPTH SHOULDER																										
5006+94.28	5007+72.64	LT	78.36	4.00	1.0092	1.0105	316.32			105.58						0.023		0.101		46.88		46.88				
5007+72.64	5008+50.00	LT	77.36	4.00			309.44			103.15						0.023		0.099		45.84		45.84				
5008+50.00	5012+18.10	LT	368.10	4.00			1472.40			490.80				218.13		0.109										
5012+18.10	5015+07.72	LT	289.62	4.00	1.0277	1.0316	1190.57			398.36				176.55		0.088										
5003+23.96	5004+50.00	RT	126.04	10.00	0.9967	0.9935	1256.24			166.96						0.079		0.341		158.13		158.13				
5004+50.00	5004+66.41	RT	16.41	10.00	0.9967	0.9935	163.56			21.74						0.010		0.044		20.59		20.59				
5004+66.41	5006+94.28	RT	227.87	10.00	0.9967	0.9935	2271.18			301.85						0.143		0.616		285.89		285.89				
5006+94.28	5007+44.28	RT	50.00	9.00	0.9971	0.9941	448.70			66.27						0.029		0.123		57.22		57.22				
5007+44.28	5007+72.64	RT	28.36	8.00	0.9974	0.9948	226.29			37.62						0.015		0.063		29.32		29.32				
5007+72.64	5008+50.00	RT	77.36	8.00			618.88			103.15						0.040		0.173		80.23		80.23				
5008+50.00	5012+18.10	RT	368.10	8.00			2944.80			490.80				381.73		0.191										
5012+18.10	5013+90.00	RT	171.90	8.00	0.9921	0.9842	1364.34			225.58				176.66		0.088										
5013+90.00	5014+34.17	RT	44.17	8.00	0.9921	0.9842	350.57			72.45				47.00		0.024										
5014+34.17	5015+05.98	RT	71.81	8.00	0.9921	0.9842	569.94					247.36		90.81		0.045										
RAMP C3																										
FULL DEPTH LANES																										
3000+16.87	3002+46.97	LT	230.10	14.00	1.0009		3224.30						358.26		0.179											
3002+46.97	3002+88.88	LT	41.91	16.00	1.0010		671.23						74.58		0.037											
3002+88.88	3004+13.88	LT	125.00	16.00	1.0108		2021.60						224.62		0.112											
3004+13.88	3005+50.00	LT	136.12	16.00	1.0164		2213.64						245.96		0.123											
3005+50.00	3007+82.91	LT	232.91	16.00	1.0164		3787.68								0.210		0.907		420.85		420.85					
3007+82.91	3009+00.00	LT	117.09	16.00			1873.44								0.104		0.449		208.16		208.16					
FULL DEPTH SHOULDER																										
3004+35.94	3005+50.00	LT	114.06	4.00	1.0369	1.0410	473.08			158.32																

SUBGRADE 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 16" EXTENSION	AREA FOR 20" EXTENSION	AREA FOR 22" EXTENSION	AREA FOR 42" EXTENSION	204		204		206		206				CALCULATED CJC	CHECKED CWL			
													SUBGRADE COMPACTION	PROOF ROLLING (1 HOUR/2000 SQ YD)	CEMENT (0.75 x 115 x 0.05) LB/SY		CURING COAT		CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP								
FROM	TO	FT	FT		SF	SF	SF	SF	SF	SF	SY	HOUR			TON		SY		SY								
												01/IMS/PV			02/IMS/PV	01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV						
RAMP C3																											
FULL DEPTH SHOULDER CONT'D																											
3007+82.91	3008+75.00	LT	92.09	4.00			368.36		122.79							0.027		0.118		54.57		54.57					
3008+75.00	3009+00.00	LT	25.00	3.54			88.50		33.33							0.007		0.029		13.54		13.54					
3000+16.87	3002+88.88	RT	272.01	10.00	0.9993	0.9987	2718.20						302.02		0.151												
3002+88.88	3003+50.00	RT	61.12	10.00	0.9932	0.9865	607.04						67.45		0.034												
3003+50.00	3004+13.88	RT	63.88	10.00	0.9932	0.9865	634.46				220.56	95.00			0.048												
3004+13.88	3004+35.94	RT	22.06	10.00	0.9897	0.9795	218.33				75.63	32.66			0.016												
3004+35.94	3005+35.94	RT	100.00	8.00	0.9918	0.9836	793.44		131.15				102.73		0.051												
3005+35.94	3005+50.00	RT	14.06	6.00	0.9938	0.9877	83.84		18.52				11.37		0.006												
3005+50.00	3007+82.91	RT	232.91	6.00	0.9938	0.9877	1388.80		306.73						0.094		0.406		188.39		188.39						
3007+82.91	3008+00.00	RT	17.09	6.00			102.54		22.79						0.007		0.030		13.93		13.93						
3008+00.00	3009+00.00	RT	100.00	7.86			786.00		133.33						0.051		0.220		102.15		102.15						
RAMP C5																											
FULL DEPTH LANES																											
5024+38.21	5028+92.28	LT	454.07	6.00	1.0006		2726.05									0.151		0.653		302.89		302.89					
5028+92.28	5031+34.48	LT	242.20	12.00	1.0012		2909.89									0.162		0.697		323.32		323.32					
5032+67.33	5034+97.48	LT	230.15	12.00	1.0012		2765.11						307.23		0.154												
5034+97.48	5036+30.43	LT	132.95	12.00			1595.40						177.27		0.089												
5036+30.43	5039+05.43	LT	275.00	14.00			3850.00						427.78		0.214												
5039+05.43	5041+17.78	LT	212.35	16.00			3397.60						377.51		0.189												
5041+17.78	5041+57.96	LT	40.18	16.00	0.9965		640.63						71.18		0.036												
5062+27.15	5064+00.00	LT	172.85	24.00	1.0042		4165.82								0.231		0.998		462.87		462.87						
5064+00.00	5069+27.87	LT	527.87	24.00	1.0042		12722.09						1413.57		0.707												
5069+27.87	5069+99.95	LT	72.08	12.00	1.0021		866.78						96.31		0.048												
5069+99.95	5071+16.53	LT	116.58	12.00	1.0016		1401.20						155.69		0.078												
5074+42.45	5076+08.84	LT	166.39	12.00	1.0016		1999.87						222.21		0.111												
5076+08.84	5079+12.85	LT	304.01	12.00			3648.12						405.35		0.203												
5079+12.85	5080+13.82	LT	100.97	12.00	1.0031		1215.40						135.04		0.068												
5081+70.91	5081+98.63	LT	27.72	12.00	1.0031		333.67						37.07		0.019												
5081+98.63	5083+86.06	LT	187.43	12.00			2249.16						249.91		0.125												
5083+86.06	5084+20.00	LT	33.94	16.07			545.42						60.60		0.030												
5084+20.00	5084+36.06	LT	16.06	22.07	1.0202		361.60						40.18		0.020												
5084+36.06	5084+56.78	LT	20.72	24.00	1.0220		508.22						56.47		0.028												
5024+38.21	5031+36.49	RT	698.28	12.00	0.9988		8369.30								0.465		2.005		929.92		929.92						
5032+65.33	5034+83.90	RT	218.57	12.00	0.9988		2619.69						291.08		0.146												
5062+06.35	5064+00.00	RT	193.65	12.00	0.9979		2318.92								0.129		0.556		257.66		257.66						
5064+00.00	5069+99.95	RT	599.95	12.00	0.9979		7184.28						798.25		0.399												
5069+99.95	5071+18.62	RT	118.67	12.00	0.9984		1421.76						157.97		0.079												
5074+40.30	5076+08.84	RT	168.54	12.00	0.9984		2019.24						224.36		0.112												
5076+08.84	5079+12.85	RT	304.01	12.00			3648.12						405.35		0.203												
5079+12.85	5080+15.86	RT	103.01	12.00	0.9969		1232.29						136.92		0.068												
5081+68.82	5081+98.63	RT	29.81	12.00	0.9969		356.61						39.62		0.020												
5081+98.63	5084+20.00	RT	221.37	12.00			2656.44						295.16		0.148												
5084+20.00	5084+56.78	RT	36.78	12.00	0.9890		436.51						48.50		0.024												
TOTALS CARRIED TO PAVEMENT SUBSUMMARY													612	6631	0.5	4.5	0.9	5.0	373	2277	373	2277			6 12		

STATION		SIDE	LENGTH (L)	AVERAGE WIDTH (W)	CURVE CORRECTION RATIO	CURB CURVE CORRECTION RATIO	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 16" EXTENSION	AREA FOR 20" EXTENSION	AREA FOR 22" EXTENSION	AREA FOR 42" EXTENSION	SUBGRADE CALCULATIONS										CALCULATED C/C	CHECKED C/W			
													FROM	TO	FT	FT			SF	SF	SF	SF			SF	SF	02/IMS/PV
RAMP C5													02/IMS/PV		02/IMS/PV		02/IMS/PV		02/IMS/PV		02/IMS/PV		02/IMS/PV				
FULL DEPTH SHOULDER																											
5032+63.73	5034+97.48	LT	233.75	10.00	1.0035	1.0045	2345.68							304.11		0.152											
5034+97.48	5036+25.00	LT	127.52	10.00			1275.20							165.30		0.083											
5036+25.00	5036+30.43	LT	5.43	10.00			54.30		7.24					6.84		0.003											
5036+30.43	5039+05.43	LT	275.00	8.00			2200.00		366.67					285.19		0.143											
5039+05.43	5041+17.78	LT	212.35	6.00			1274.10		283.13					173.03		0.087											
5041+17.78	5041+34.21	LT	16.43	6.00	0.9935	0.9921	97.94		21.73					13.30		0.007											
5041+34.21	5041+57.96	LT	23.75	6.00	0.9935	0.9921	141.57			39.27				20.09		0.010											
5062+50.38	5062+68.89	LT	18.51	CADD				227.95		30.85						0.014		0.007		3.43		3.43					
5062+68.89	5064+00.00	LT	131.11	10.00	1.0101	1.0119	1324.34		176.89							0.083		0.360		166.80		166.80					
5064+00.00	5069+27.87	LT	527.87	10.00	1.0101	1.0119	5332.01		712.20					671.58		0.336											
5074+89.25	5076+08.84	LT	119.59	4.00	1.0037	1.0042	480.13		160.12					71.14		0.036											
5076+08.84	5079+00.00	LT	291.16	4.00			1164.64		388.21					172.54		0.086											
5079+00.00	5079+12.85	LT	12.85	4.00			51.40							5.71		0.003											
5079+12.85	5080+10.75	LT	97.90	4.00	1.0073	1.0084	394.46							43.83		0.022											
5081+66.63	5081+98.63	LT	32.00	4.00	1.0073	1.0084	128.93			53.78				20.30		0.010											
5081+98.63	5084+20.00	LT	221.37	4.00			885.48			368.95				139.38		0.070											
5084+20.00	5084+36.06	LT	16.06	4.00	1.0331	1.0368	66.37			27.75				10.46		0.005											
5084+36.06	5084+56.78	LT	20.72	4.00	1.0476	1.0513	86.83							9.65		0.005											
5024+38.21	5025+38.21	RT	100.00	10.95	0.9964	0.9953	1091.06		132.71							0.068		0.293		135.97		135.97					
5025+38.21	5030+50.04	RT	511.83	10.00	0.9965	0.9955	5100.39		679.37							0.321		1.385		642.20		642.20					
5030+50.04	5031+00.04	RT	50.00	14.00	0.9961	0.9947	697.27		66.31							0.042		0.183		84.84		84.84					
5031+00.04	5031+23.25	RT	23.21	17.45	0.9958	0.9940	403.31			38.45						0.025		0.106		49.08		49.08					
5031+23.25	5031+35.85	RT	12.60	16.61	0.9959	0.9942	208.43									0.012		0.050		23.16		23.16					
5032+69.04	5033+86.76	RT	117.72	10.94	0.9964	0.9953	1283.22							142.58		0.071											
5033+86.76	5034+83.94	RT	97.18	10.00	0.9965	0.9955	968.40							107.60		0.054											
5039+05.43	5041+17.78	RT	212.35	6.00			1274.10		283.13					173.03		0.087											
5041+17.78	5041+32.96	RT	15.18	6.00	1.0013	1.0026	91.20		20.29					12.39		0.006											
5041+32.96	5041+57.96	RT	25.00	6.00	1.0013	1.0026	150.20			41.78				21.33		0.011											
5061+87.48	5062+01.26	RT	13.78	CADD				78.03		22.97						0.006		0.006		2.55		2.55					
5062+01.26	5063+64.00	RT	162.74	10.00	0.9941	0.9923	1617.80		215.32							0.102		0.439		203.68		203.68					
5063+64.00	5064+00.00	RT	36.00	10.00	0.9941	0.9923	357.88									0.020		0.086		39.76		39.76					
5064+00.00	5066+50.00	RT	250.00	10.00	0.9941	0.9923	2485.25							276.14		0.138											
5066+50.00	5069+99.95	RT	349.95	10.00	0.9941	0.9923	3478.85		463.01					437.98		0.219											
5069+99.95	5070+95.32	RT	95.37	10.00	0.9955	0.9942	949.41		126.42					119.54		0.060											
5070+95.32	5071+25.49	RT	30.17	CADD				263.63		50.28					34.88		0.017										
5074+49.39	5076+08.84	RT	159.45	10.00	0.9955	0.9942	1587.32							176.37		0.088											
5076+08.84	5079+12.85	RT	304.01	10.00			3040.10							337.79		0.169											
5079+12.85	5080+17.60	RT	104.75	10.00	0.9911	0.9885	1038.18							115.35		0.058											
TOTALS CARRIED TO PAVEMENT SUBSUMMARY													4068		2.8		3.0		1352		1352						7 12

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 16" EXTENSION	AREA FOR 20" EXTENSION	AREA FOR 22" EXTENSION	204		204		206		206		206		CALCULATED CJC	CHECKED CWL	
													SUBGRADE COMPACTION	PROOF ROLLING (1 HOUR/2000 SQ YD)	CEMENT (0.75 x 115 x 0.05) LB/SY	CURING COAT	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP								
FROM	TO		FT	FT			SF	SF		SF	SF	SF		SY	HOUR	TON	SY	SY	SY	SY	SY		SUBGRADE CALCULATIONS		
														01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV				
RAMP C5																									
FULL DEPTH SHOULDER CONTD.																									
5081+76.21	5081+98.63	RT	22.42	10.00	0.9911	0.9885	222.20								24.69		0.012								
5081+98.63	5084+20.00	RT	221.37	10.00			2213.70								245.97		0.123								
5084+20.00	5084+56.78	RT	36.78	10.00	0.9688	0.9597	356.32								39.59		0.020								
RAMP C6																									
FULL DEPTH LANES																									
6000+00.00	6001+83.07	LT	183.07	12.00			2196.84								244.09		0.122								
6005+03.02	6010+12.24	LT	509.22	12.00	1.0022		6124.08								680.45		0.340								
6010+12.24	6010+81.51	LT	69.27	12.00	1.0016		832.57								92.51		0.046								
6010+81.51		RT	CADD					17.50							1.94		0.001								
FULL DEPTH SHOULDER																									
6000+00.00	6000+50.00	LT	50.00	9.00			450.00				66.67				57.41		0.029								
6000+50.00	6001+51.38	LT	101.38	8.00			811.04				135.17				105.13		0.053								
6001+51.38	6001+80.33	LT	28.95	8.00			231.60				38.60				30.02		0.015								
6004+99.82	6005+66.44	LT	66.62	8.00	1.0059	1.0074	536.10				111.85				71.99		0.036								
6005+66.44	6006+03.73	LT	37.29	8.00	1.0059	1.0074	300.08				62.61				40.30		0.020								
6006+03.73	6006+78.48	LT	74.75	8.00	1.0059	1.0074	601.53								66.84		0.033								
6006+78.48	6007+78.48	LT	100.00	6.00	1.0055	1.0066	603.30								67.03		0.034								
6007+78.48	6009+10.70	LT	132.22	4.00	1.0052	1.0059	531.63								59.07		0.030								
6005+65.11	6005+66.44	RT	1.33	8.00			10.64				1.77				1.38		0.001								
6005+66.44	6009+00.00	RT	333.56	8.00	0.9985	0.9970	2664.48				443.41				345.32		0.173								
6009+00.00	6010+12.24	RT	112.24	10.23	0.9981	0.9962	1146.03				149.08				143.90		0.072								
6010+12.24	6010+36.04	RT	23.80	12.92	0.9983	0.9966	306.97				31.63				37.62		0.019								
6010+36.04	6010+81.51	RT	45.47	13.61	0.9982	0.9964	617.73				60.41				75.35		0.038								
6010+81.51		RT	8.32	CADD					63.38			11.09			1.23		0.001								
GORE AREAS																									
EB I.R. 70/ RAMP C5																									
5028+92.28	5031+36.49	LT	CADD					1800.55								0.100		0.431		200.06		200.06			
RAMP C5/ RAMP C3																									
3002+46.97	3004+35.94	LT	CADD					1000.90						111.21		0.056									
NB S.R. 315/ NB I.R. 71																									
254+00.38	258+66.99	LT	CADD					3796.96								0.105	0.105	0.455	0.455	210.94	210.94	210.94	210.94		
NB I.R. 71/ RAMP A5																									
5004+66.41	5006+94.28	LT	CADD					2244.83									0.125		0.538		249.43		249.43		
RAMP C5/ RAMP C6																									
5069+27.87	5071+18.62	LT	CADD					208.55							23.17		0.012								
5074+40.30	5074+89.25	LT	CADD					1221.47							135.72		0.068								
RAMP C6/ EB I.R. 70																									
6009+10.70	6010+81.51	LT	CADD					1852.00							82.31	123.47	0.041	0.062							
TOTALS CARRIED TO PAVEMENT SUBSUMMARY														194	2715	0.3	1.7	0.5	1.5	211	661	211	661		812

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 12" EXTENSION	204		204		204									204		CALCULATED CJC	CHECKED CWL
											SUBGRADE COMPACTION	PROOF ROLLING (1 HOUR/2000 SQ YD)	GEOTEXTILE FABRIC							GEO GRID							
														SY	HOUR	SY							SY				
FROM	TO		FT	FT			SF	SF	SF	SF	SY													SY			
											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		
LIVINGSTON AVE																											
FULL DEPTH																											
200+04.62	200+28.61	LT	23.99	3.75			89.96			23.99	12.66		0.006		12.66										12.66		
200+28.61	200+41.49	LT	12.88	8.52	0.9782	0.9564	107.35			12.32	13.30		0.007		13.30										13.30		
200+41.49	200+81.85	LT	40.36	10.00	0.9744	0.9488	393.27			38.29	47.95		0.024		47.95										47.95		
200+81.85	200+88.85	LT	7.00	13.50			94.50			7.00	11.28		0.006		11.28										11.28		
200+88.85	202+09.96	LT	121.11	17.00			2058.87			121.11	242.22		0.121		242.22										242.22		
202+09.96	202+16.96	LT	7.00	13.50			94.50			7.00	11.28		0.006		11.28										11.28		
202+16.96	202+44.29	LT	27.33	10.98	0.9808	0.9617	294.32			26.28	35.62		0.018		35.62										35.62		
202+44.29	202+45.02	LT	0.73	11.98			8.75			0.73	1.05		0.001		1.05										1.05		
204+02.13	207+31.89	LT	329.76	23.00			7584.48			329.76		879.36		0.440		879.36										879.36	
207+31.89	207+47.00	LT	15.11	14.82			223.93			15.11		26.56		0.013		26.56										26.56	
200+04.62	200+28.61	RT	23.99	11.00			263.89			23.99	31.99		0.016		31.99										31.99		
200+28.61	200+81.85	RT	53.24	11.00	1.0282	1.0563	602.16			56.24	73.16		0.037		73.16										73.16		
200+81.85	201+01.09	RT	19.24	10.00			192.40			19.24	23.52		0.012		23.52										23.52		
200+28.61	201+01.09	RT	77.16	CADD				781.95		77.16	95.46		0.048		95.46										95.46		
201+01.09	202+16.99	RT	115.90	10.00			1159.00			115.90	141.66		0.071		141.66										141.66		
202+16.99	202+44.29	RT	27.30	11.40	1.0199	1.0398	317.41			28.39	38.42		0.019		38.42										38.42		
202+44.29	202+45.02	RT	0.73	12.80			9.34			0.73	1.12		0.001		1.12										1.12		
204+02.13	206+33.97	RT	231.84	16.00			3709.44			231.84	437.92		0.219		437.92										437.92		
206+33.97	207+00.26	RT	66.29	19.50			1292.65			66.29	150.99		0.075		150.99										150.99		
207+00.26	207+47.00	RT	46.74	24.12			1127.37			46.74	130.46		0.065		130.46										130.46		
FRONT ST																											
FULL DEPTH																											
147+75.00	147+87.46	LT	12.46	23.50			292.81			12.46	33.92		0.017		33.92										33.92		
147+87.46	148+19.22	LT	31.76	24.30			771.77			31.76	89.28		0.045		89.28										89.28		
148+19.22	148+21.47	LT	8.95	CADD				108.13		8.95	13.01		0.007		13.01										13.01		
148+21.47	148+60.51	LT	47.88	CADD				941.35		47.88	109.91		0.055		109.91										109.91		
151+19.35	151+40.35	LT	23.78	CADD				637.04		23.78	2.64		0.001		2.64										2.64		
151+40.35	151+44.35	LT	4.00	28.25			113.00			4.00	13.00		0.007		13.00										13.00		
151+44.35	152+50.00	LT	105.65	27.17			2870.51			105.65	330.68		0.165		330.68										330.68		
147+75.00	147+78.00	RT	3.00	22.79			68.37			3.00	7.93		0.004		7.93										7.93		
147+78.00	148+10.77	RT	32.77	22.75			745.52			32.77	86.48		0.043		86.48										86.48		
148+10.77	148+21.47	RT	5.20	CADD				182.64		5.20	20.87		0.010		20.87										20.87		
148+21.47	148+61.92	RT	45.47	CADD				1409.37		45.47	161.65		0.081		161.65										161.65		
151+19.35	151+44.35	RT	25.00	26.60			665.00			25.00	76.67		0.038		76.67										76.67		
151+44.35	152+18.08	RT	73.73	26.54			1956.79		36.86		4.10		0.002		4.10										4.10		
151+40.35	152+18.08	RT	84.20	7.50			631.50			84.20	9.36		0.005		9.36										9.36		
152+18.08	152+35.63	RT	17.55	26.38			462.97			17.55	1.95		0.001		1.95										1.95		
TOTALS CARRIED TO PAVEMENT SUBSUMMARY											2462	906	1.3	0.5	2462	906								2462	906	9 12	

SUBGRADE 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 12" EXTENSION	AREA FOR 36" EXTENSION	204			204			204					204			CALCULATED C/C	CHECKED C/W			
											SUBGRADE COMPACTION			PROOF ROLLING (1 HOUR/2000 SQ YD)			GEOTEXTILE FABRIC					GEOGRID							
FROM	TO		FT	FT			SF	SF	SF	SF	SY			HOUR			SY					SY							
											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					
FRONT ST																													
FULL DEPTH CONT'D																													
152+35.63	152+47.66	RT	12.03	26.43			317.95		12.03		36.66			0.018			36.66						36.66						
152+47.66	152+50.00	RT	2.34	26.59			62.22		2.34		7.17			0.004			7.17						7.17						
148+25.58	148+61.92	LT/RT	39.58			CADD		2162.09	39.58				244.63			0.122			244.63							244.63			
151+19.35	152+39.35	LT/RT	42.78			CADD		1195.66	42.78				137.60			0.069			137.60							137.60			
FULTON ST																													
FULL DEPTH																													
19+58.05	19+62.00	LT	3.95	3.94			15.56		3.95		2.17			0.001			2.17						2.17						
19+62.00	19+66.62	LT	4.62	10.20			47.12		4.62		5.75			0.003			5.75						5.75						
19+66.62	19+87.23	LT	20.61	14.64			301.73		20.61		35.82			0.018			35.82						35.82						
19+87.23	22+00.00	LT	212.77	31.00			6595.87		212.77		756.52			0.378			756.52						756.52						
22+00.00	22+40.00	LT	40.00	30.50			1220.00		40.00		140.00			0.070			140.00						140.00						
22+40.00	23+00.00	LT	60.00	30.00			1800.00		60.00		206.67			0.103			206.67						206.67						
23+00.00	23+15.00	LT	15.00	29.81			447.15		15.00		51.35			0.026			51.35						51.35						
19+87.23	20+31.62	RT	44.39	12.42			551.32				61.26			0.031			61.26						61.26						
20+31.62	20+45.00	RT	13.38	17.00			227.46				25.27			0.013			25.27						25.27						
20+45.00	20+48.42	RT	3.42	18.71			63.99				7.11			0.004			7.11						7.11						
20+48.42	21+70.99	RT	122.57	20.42			2502.88				278.10			0.139			278.10						278.10						
21+70.99	23+00.00	RT	129.01	25.00			3225.25		129.01		372.70			0.186			372.70						372.70						
23+00.00	23+15.00	RT	15.00	21.84			327.60		15.00		38.07			0.019			38.07						38.07						
MOUND ST																													
FULL DEPTH																													
11+49.86	12+53.78	LT/RT				CADD		7132.70					792.52			0.396			792.52							792.52			
SOUDER AVE																													
FULL DEPTH																													
5+65.70	6+13.55	LT	47.85			CADD		185.50		143.55	36.56			0.018			36.56						36.56						
5+61.73	6+12.28	RT	50.55			CADD		190.75		151.65	38.04			0.019			38.04						38.04						
BIKE LANE																													
FULTON ST																													
19+63.11	23+15.00	LT	351.89	2.00			703.78				-78.20	78.20		-0.039	0.039		-78.20	78.20					-78.20	78.20					
LIVINGSTON AVE																													
203+66.42	204+02.12	LT	35.70	2.00			71.40				-7.93	7.93		-0.004	0.004		-7.93	7.93					-7.93	7.93					
204+02.12	207+39.28	LT	337.16	2.00			674.32				-74.92	74.92		-0.037	0.037		-74.92	74.92					-74.92	74.92					
TOTALS CARRIED TO PAVEMENT SUBSUMMARY											1939	162	1175	1.0	0.1	0.6	1939	162	1175				1939	162	1175				
																												10 12	

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	204		204													CALCULATED C/C	CHECKED C/W
											SUBGRADE COMPACTION	PROOF ROLLING (1 HOUR/2000 SQ YD)															
FROM	TO		FT	FT			SF	SF	SF	SF	SY	HOUR															
APPROACH SLABS												01/IMS/PV	02/IMS/PV	01/IMS/PV	02/IMS/PV												
EASTBOUND I.R. 70																											
126+97.69	127+27.68	LT	29.99	37.67	1.0033	1.0066	1133.45		15.09		76.57	51.05	0.038	0.026													
127+96.18	128+26.12	LT	29.94	37.67	1.0033	1.0066	1131.56		15.07		76.44	50.96	0.038	0.025													
175+62.88	175+92.88	LT	30.00	CADD				1180.39	15.00		79.69	53.13	0.040	0.027													
176+86.60	177+16.60	LT	30.00	CADD				1145.68	15.00		77.38	51.59	0.039	0.026													
126+97.69	127+27.68	RT	29.99	12.00	0.9990	0.9979	359.52				23.97	15.98	0.012	0.008													
127+96.18	128+26.12	RT	29.94	12.00	0.9990	0.9979	358.92				23.93	15.95	0.012	0.008													
175+62.88	175+92.88	RT	30.00	CADD				1803.28	15.00		121.22	80.81	0.061	0.040													
176+86.60	177+16.60	RT	30.00	CADD				1763.00	15.00		118.53	79.02	0.059	0.040													
RAMP A5																											
5015+06.59	5015+36.59	LT	30.00	21.67	0.9953	0.9905	647.04		14.86			29.42		0.037													
5015+06.59	5015+36.59	RT	30.00	9.67	0.9979	0.9958	289.49		14.94			13.53		0.017													
RAMP C5																											
5031+36.94	5031+66.94	LT	30.00	CADD				1026.12				45.61		0.057													
5032+35.51	5032+65.51	LT	30.00	CADD				1134.11				50.40		0.063													
5041+57.96	5041+87.96	LT	30.00	23.67	0.9948	0.9897	706.41		14.85			32.06		0.040													
5061+83.35	5062+13.35	LT	30.00	35.67	0.9922	0.9844	1061.75		14.77			47.85		0.060													
5071+18.62	5071+48.62	LT	30.00	12.00	1.0016	1.0031	360.58					16.03		0.020													
5074+10.30	5074+40.30	LT	30.00	12.00	1.0016	1.0031	360.58					16.03		0.020													
5080+15.86	5080+45.86	LT	30.00	17.67	1.0046	1.0093	532.54		15.14			24.34		0.030													
5081+38.82	5081+68.82	LT	30.00	17.67	1.0046	1.0093	532.54		15.14			24.34		0.030													
5031+36.94	5031+66.94	RT	30.00	23.67	0.9959	0.9917	707.19		14.88			32.09		0.040													
5032+35.51	5032+65.51	RT	30.00	23.67	0.9959	0.9917	707.19		14.88			32.09		0.040													
5041+57.96	5041+87.96	RT	30.00	7.67	1.0017	1.0033	230.49		15.05			10.91		0.014													
5061+83.35	5062+13.35	RT	30.00	23.67	0.9959	0.9917	707.19		14.88			32.09		0.040													
5071+18.62	5071+48.62	RT	30.00	23.67	0.9969	0.9938	707.90		14.91			32.12		0.040													
5074+10.30	5074+40.30	RT	30.00	23.67	0.9969	0.9938	707.90		14.91			32.12		0.040													
5080+15.86	5080+45.86	RT	30.00	23.67	0.9938	0.9876	705.70		14.81			32.02		0.040													
5081+38.82	5081+68.82	RT	30.00	23.67	0.9938	0.9876	705.70		14.81			32.02		0.040													
5084+56.78	5085+95.85	LT/RT	139.07	CADD				7243.79				321.95		0.402													
RAMP C6																											
6001+86.80	6002+16.50	LT	29.70	21.67	1.0028	1.0057	645.40		14.93			29.35		0.037													
6004+73.62	6005+02.85	LT	29.23	21.67	1.0028	1.0057	635.19		14.70			28.88		0.036													
6001+86.80	6002+16.50	RT	29.70	CADD				110.52				4.91		0.006													
6004+73.62	6005+02.85	RT	29.23	CADD				548.31				24.37		0.030													
FRONT ST																											
148+61.91	148+86.91	LT/RT	25.00	CADD				3957.64			263.84		0.220														
150+88.81	151+19.35	LT/RT	30.54	CADD				4348.89			289.93		0.242														
TOTALS CARRIED TO PAVEMENT SUBSUMMARY											1152	1344	0.8	1.4													
PAVEMENT CALCULATIONS																								FRA - 70 / 71 - 12.68 / 14.86			
																								11	12		

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