STATION	204 SUBGRADE COMPACTION		204 PROOF ROLLING (1 HOUR/2000 SY)			206 CEMENT (0.75 X T X 110 X 0.06) LB/SY	206 CURING COAT	206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
	SY		HOUR			TON	SY	SY
	01/NHS/PV 02/NHS/PV	03/ENH/PV 04/ENH/PV	01/NHS/PV 02/NHS/PV	03/ENH/PV 04/ENH/PV		01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV
2	1512		22.3			1276	42943	42943
3	1512		21.9			1251	42107	42107
4	705		1.3			54	1809	1809
5	623		1.0			36	1192	1192
6	666		1.4			60	2010	2010
7		6328	3.0	3.2		179	5995	5995
8	1550		1.0			8	263	263
9	1315	7340	1.1	3.7		26	863	863
10	799	388	0.4	0.2				
TOTALS CARRIED TO THE GENERAL SUMMARY	**8682**	**14056**	**54**	**8**		**2890**	**97182**	**97182**
STATION								

NO.	DESCRIPTION	REV. BY.	DATE
5.	REVISED LIMITS OF SUBGRADE STABILIZATION	TMT	1-22-2021

TOTALS CARRIED TO THE GENERAL SUMMARY

CALCULATED CJC

CHECKED MRG

SUBGRADE SUBSUMMARY

MED - 18 - 12.99

STATION FROM	STATION TO	SIDE	LENGTH (L)	AVERAGE WIDTH (W)	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 18" EXTENSION	AREA FOR 24" EXTENSION	AREA FOR 48" EXTENSION		204 SUBGRADE COMPACTION	204 PROOF ROLLING (1 HOUR/2000 SY)		206 CEMENT (0.75 X T X 110 X 0.06) LB/SY	206 CURING COAT	206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
FROM	TO		FT	FT	SF	SF	SF	SF	SF		SY	HOUR		TON	SY	SY
											01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV		01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV
WESTBOUND S.R. 18																
FULL DEPTH LANES																
85+31.78	86+54.28	LT	122.50	21.27	2605.58		183.75					0.155		9.20	309.93	309.93
86+54.28	88+24.18	LT	169.90	18.00	3058.20				679.60			0.208		12.33	415.31	415.31
88+24.18	89+07.33	LT	83.15	18.00	1496.70				332.60			0.102		6.04	203.26	203.26
89+07.33	92+76.42	LT	369.09	18.00	6643.62				1476.36			0.451		26.80	902.22	902.22
92+76.42	93+59.59	LT	83.17	18.00	1497.06				332.68			0.102		6.04	203.30	203.30
93+59.59	100+03.97	LT	644.38	18.00	11598.84				2577.52			0.788		46.78	1575.15	1575.15
100+03.97	101+28.21	LT	124.24	18.00	2236.32				496.96			0.152		9.02	303.70	303.70
101+28.21	104+21.78	LT	293.57	18.00	5284.26				1174.28			0.359		21.31	717.62	717.62
104+21.78	106+66.78	LT	245.00	24.00	5880.00				980.00			0.381		22.64	762.22	762.22
106+66.78	113+27.63	LT	660.85	30.00	19825.50				2643.40			1.248		74.15	2496.54	2496.54
113+27.63	114+93.76	LT	166.13	30.00	4983.90				664.52			0.314		18.64	627.60	627.60
114+93.76	116+03.26	LT	109.50	42.00	4599.00				438.00			0.280		16.62	559.67	559.67
116+03.26	119+49.47	LT	346.21	42.00	14540.82				1384.84			0.885		52.55	1769.52	1769.52
119+49.47	119+99.47	LT	50.00	36.00	1800.00				200.00			0.111		6.60	222.22	222.22
119+99.47	121+92.59	LT	193.12	30.00	5793.60				772.48			0.365		21.67	729.56	729.56
121+92.59	122+94.59	LT	102.00	30.00	3060.00				408.00			0.193		11.44	385.33	385.33
122+94.59	130+86.53	LT	791.94	30.00	23758.20				3167.76			1.496		88.86	2991.77	2991.77
130+86.53	131+65.39	LT	78.86	30.00	2365.80				315.44			0.149		8.85	297.92	297.92
131+65.39	138+81.24	LT	715.85	30.00	21475.50				2863.40			1.352		80.32	2704.32	2704.32
138+81.24	140+36.24	LT	155.00	32.52	5040.60				620.00			0.314		18.68	628.96	628.96
141+65.29	143+20.29	LT	155.00	32.50	5037.50				620.00			0.314		18.67	628.61	628.61
143+20.29	147+61.60	LT	441.31	30.00	13239.30				1765.24			0.834		49.51	1667.17	1667.17
147+61.60	149+62.50	LT	200.90	30.00	6027.00				803.60			0.379		22.54	758.96	758.96
149+62.50	153+96.57	LT	434.07	30.00	13022.10				1736.28			0.820		48.70	1639.82	1639.82
153+96.57	154+90.00	LT	93.43	30.00	2802.90				373.72			0.176		10.48	352.96	352.96
154+90.00	155+59.91	LT	69.91	30.00	2097.30				279.64		264.10	0.132				
155+59.91	158+90.00	LT	330.09	30.00	9902.70				1320.36		1247.01	0.624				
158+90.00	166+18.80	LT	728.80	30.00	21864.00				2915.20			1.377		81.77	2753.24	2753.24
166+18.80	167+87.09	LT	168.29	33.16	5579.69				673.16			0.347		20.63	694.76	694.76
167+88.29	169+40.00	LT	151.71	39.16	5940.24				606.84			0.364		21.61	727.45	727.45
169+40.00	171+60.98	LT	220.98	42.00	9281.16				883.92			0.565		33.54	1129.45	1129.45
171+60.98	179+55.00	LT	794.02	42.00	33348.84				3176.08			2.029		120.53	4058.32	4058.32
179+55.00	180+45.00	LT	90.00	42.00	3780.00				360.00			0.230		13.66	460.00	460.00
180+45.00	191+58.21	LT	1113.21	42.00	46754.82				4452.84			2.845		168.99	5689.74	5689.74
191+58.21	193+71.54	LT	213.33	46.00	9813.18				853.32			0.593		35.20	1185.17	1185.17
193+71.54	197+04.74	LT	333.20	50.00	16660.00				1332.80			1.000		59.38	1999.20	1999.20
197+04.74	197+58.89	LT	53.72	CADD		3415.75		107.44				0.196		11.63	391.47	391.47
TOTALS CARRIED TO PAVEMENT SUBSUMMARY											**1512**	**22.3**		**1276**	**42943**	**42943**

CALCULATED CJC

CHECKED MRG

SUBGRADE CALCULATIONS

MED - 18 - 12.99

STATION FROM	STATION TO	SIDE	LENGTH (L)	AVERAGE WIDTH (W)	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 18" EXTENSION	AREA FOR 24" EXTENSION	AREA FOR 48" EXTENSION		204 SUBGRADE COMPACTION	204 PROOF ROLLING (1 HOUR/2000 SY)		206 CEMENT (0.75 X T X 110 X 0.06) LB/SY	206 CURING COAT	206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
FROM	TO		FT	FT	SF	SF	SF	SF	SF		SY	HOUR		TON	SY	SY
											01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV		01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV
EASTBOUND S.R. 18																
FULL DEPTH LANES																
85+31.78	86+54.28	RT	122.50	21.04	2577.40		183.75					0.153		9.11	306.79	306.79
86+54.28	90+43.88	RT	389.60	18.00	7012.80				1558.40			0.476		28.29	952.36	952.36
90+43.88	90+93.88	RT	50.00	24.00	1200.00				200.00			0.078		4.62	155.56	155.56
90+93.88	92+68.88	RT	175.00	30.00	5250.00				700.00			0.331		19.63	661.11	661.11
92+68.88	93+21.15	RT	52.27	30.00	1568.10				209.08			0.099		5.86	197.46	197.46
93+21.15	93+75.65	RT	54.50	18.00	981.00				218.00			0.067		3.96	133.22	133.22
93+75.65	98+26.98	RT	451.33	18.00	8123.94				1805.32			0.552		32.77	1103.25	1103.25
98+26.98	99+35.31	RT	108.33	18.00	1949.94				433.32			0.132		7.86	264.81	264.81
99+35.31	104+21.78	RT	486.47	18.00	8756.46				1945.88			0.595		35.32	1189.15	1189.15
104+21.78	106+66.78	RT	245.00	24.00	5880.00				980.00			0.381		22.64	762.22	762.22
106+66.78	113+89.50	RT	722.72	30.00	21681.60				2890.88			1.365		81.09	2730.28	2730.28
113+89.50	116+66.09	RT	276.59	30.00	8297.70				1106.36			0.522		31.03	1044.90	1044.90
116+66.09	123+71.48	RT	705.39	30.00	21161.70				2821.56			1.332		79.14	2664.81	2664.81
123+71.48	125+08.48	RT	137.00	30.00	4110.00				548.00			0.259		15.37	517.56	517.56
125+08.48	135+85.36	RT	1076.88	30.00	32306.40				4307.52			2.034		120.83	4068.21	4068.21
135+85.36	137+26.59	RT	141.23	30.00	4236.90				564.92			0.267		15.85	533.54	533.54
137+26.59	138+81.24	RT	154.65	30.00	4639.50				618.60			0.292		17.35	584.23	584.23
138+81.24	140+36.24	RT	155.00	32.90	5099.50				620.00			0.318		18.87	635.50	635.50
141+65.29	143+20.29	RT	155.00	32.88	5096.40				620.00			0.318		18.86	635.16	635.16
143+20.29	154+12.26	RT	1091.97	30.00	32759.10				4367.88			2.063		122.52	4125.22	4125.22
154+12.26	154+90.00	RT	77.74	30.00	2332.20				310.96			0.147		8.72	293.68	293.68
154+90.00	155+51.02	RT	61.02	30.00	1830.60				244.08		230.52	0.115				
155+51.02	158+90.00	RT	338.98	30.00	10169.40				1355.92		1280.59	0.640				
158+90.00	167+87.09	RT	897.09	30.00	26912.70				3588.36			1.695		100.65	3389.01	3389.01
167+88.29	169+42.37	RT	154.08	30.00	4622.40				616.32			0.291		17.29	582.08	582.08
169+42.37	171+73.84	RT	231.47	30.00	6944.10				925.88			0.437		25.97	874.44	874.44
171+73.84	179+55.00	RT	781.16	42.00	32808.72				3124.64			1.996		118.58	3992.60	3992.60
179+55.00	180+45.00	RT	90.00	42.00	3780.00				360.00			0.230		13.66	460.00	460.00
180+45.00	190+76.70	RT	1031.70	42.00	43331.40				4126.80			2.637		156.61	5273.13	5273.13
190+76.70	191+58.21	RT	81.51	42.00	3423.42				326.04			0.208		12.37	416.61	416.61
191+58.21	192+91.18	RT	132.97	44.50	5917.17				531.88			0.358		21.28	716.56	716.56
192+91.18	193+71.54	RT	80.36	48.50	3897.46				321.44			0.234		13.92	468.77	468.77
193+71.54	197+16.94	RT	345.40	50.00	17270.00				1381.60			1.036		61.55	2072.40	2072.40
197+16.94	197+58.89	RT	60.72	CADD		2598.1		121.44				0.151		8.97	302.17	302.17
TOTALS CARRIED TO PAVEMENT SUBSUMMARY											**1512**	**21.9**		**1251**	**42107**	**42107**

CALCULATED CJC

CHECKED MRG

SUBGRADE CALCULATIONS

MED - 18 - 12.99

SUBGRADE CALCULATIONS

CALCULATED CJC | CHECKED MRG

STATION FROM	STATION TO	SIDE	LENGTH (L)	AVERAGE WIDTH (W)	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 18" EXTENSION	AREA FOR 24" EXTENSION	AREA FOR 48" EXTENSION	204 SUBGRADE COMPACTION	204 PROOF ROLLING (1 HOUR/2000 SY)	206 CEMENT (0.75 X T X 110 X 0.06) LB/SY	206 CURING COAT	206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
			FT	FT	SF	SF	SF	SF	SF	SY	HOUR	TON	SY	SY
										01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV
ALBER DR.														
ASPHALT PAVEMENT														
10+23.57	10+52.28	LT	44.55	CADD		213.44		89.10		33.62	0.017			
10+23.57	10+52.28	LT	28.71	12.00	344.52					38.28	0.019			
10+52.28	10+58.58	LT	6.30	12.00	75.60			12.60		9.80	0.005			
10+58.58	10+63.57	LT	4.99	12.00	59.88			9.98		7.76	0.004			
10+63.57	10+68.57	LT	5.00	11.94	59.70			10.00		7.74	0.004			
10+23.57	10+58.58	RT	49.05	CADD		289.44		98.10		43.06	0.022			
10+23.57	10+58.58	RT	35.01	12.00	420.12					46.68	0.023			
10+58.58	10+63.57	RT	4.99	12.00	59.88			9.98		7.76	0.004			
10+63.57	10+68.57	RT	5.00	11.80	59.00			10.00		7.67	0.004			
WOODLAND DR.														
ASPHALT PAVEMENT														
10+23.75	10+57.36	LT	48.12	CADD		271.78		96.24			0.020	1.21	40.89	40.89
10+23.75	10+57.36	LT	33.61	12.00	403.32						0.022	1.33	44.81	44.81
10+23.75	10+53.81	RT	45.58	CADD		228.90		91.16			0.018	1.06	35.56	35.56
10+23.75	10+53.81	RT	30.06	12.00	360.72						0.020	1.19	40.08	40.08
10+53.81	10+57.36	RT	3.55	12.00	42.60			7.10			0.003	0.16	5.52	5.52
CONCRETE PAVEMENT														
10+57.36	10+96.00	LT	38.64	12.00	463.68			77.28		60.11	0.030			
10+96.00	11+00.00	LT	4.00	11.86	47.44			8.00		6.16	0.003			
10+57.36	10+96.00	RT	38.64	12.00	463.68			77.28		60.11	0.030			
10+96.00	11+00.00	RT	4.00	11.97	47.88			8.00		6.21	0.003			
GLENSHIRE LN.														
ASPHALT PAVEMENT														
10+30.75	10+86.94	LT	81.90	CADD		692.43		163.80		95.14	0.048			
10+30.75	10+86.94	LT	56.19	12.00	674.28					74.92	0.037			
10+86.94	10+96.00	LT	9.06	12.00	108.72			18.12		14.09	0.007			
10+96.00	11+00.00	LT	4.00	11.81	47.24			8.00		6.14	0.003			
10+30.75	10+79.29	RT	75.73	CADD		592.82		151.46		82.70	0.041			
10+30.75	10+79.29	RT	48.54	12.00	582.48					64.72	0.032			
10+79.29	10+86.94	RT	7.65	12.00	91.80			15.30		11.90	0.006			
10+86.94	10+96.00	RT	9.06	12.00	108.72			18.12		14.09	0.007			
10+96.00	11+00.00	RT	4.00	12.03	48.12			8.00		6.24	0.003			
FOOTE RD.														
ASPHALT PAVEMENT														
16+24.37	16+88.98	LT	118.92	CADD		1417.03			475.68		0.105	6.25	210.30	210.30
16+24.37	16+88.98	LT	64.61	24.00	1550.64						0.086	5.12	172.29	172.29
16+24.37	16+88.98	RT	159.11	CADD		1936.06			636.44		0.143	8.49	285.83	285.83
16+24.37	16+88.98	RT	64.61	24.00	1550.64						0.086	5.12	172.29	172.29
17+49.21	18+15.04	LT	160.11	CADD		1943.04			640.44		0.144	8.53	287.05	287.05
17+49.21	18+15.04	LT	65.83	24.00	1579.92						0.088	5.21	175.55	175.55
17+61.26	18+15.04	RT	108.39	CADD		1323.74			433.56		0.098	5.80	195.26	195.26
17+61.26	18+15.04	RT	53.78	24.00	1290.72						0.072	4.26	143.41	143.41
TOTALS CARRIED TO PAVEMENT SUBSUMMARY										**705**	**1.3**	**54**	**1809**	**1809**

NO.	DESCRIPTION	REV. BY.	DATE
5.	REVISED LIMITS OF SUBGRADE STABILIZATION	TMT	1-22-2021

MED - 18 - 12.99

STATION FROM	STATION TO	SIDE	LENGTH (L)	AVERAGE WIDTH (W)	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 18" EXTENSION	AREA FOR 24" EXTENSION	AREA FOR 48" EXTENSION		204 SUBGRADE COMPACTION	204 PROOF ROLLING (1 HOUR/2000 SY)		206 CEMENT (0.75 X T X 110 X 0.06) LB/SY	206 CURING COAT	206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
			FT	FT	SF	SF	SF	SF	SF		SY	HOUR		TON	SY	SY
											01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV		01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV
BURGUNDY BAY BLVD.																
ASPHALT PAVEMENT																
20+30.00	20+67.03	LT	55.00	CADD		333.24		110.00				0.025		1.46	49.25	49.25
20+30.00	20+67.03	LT	37.03	16.00	592.48							0.033		1.96	65.83	65.83
20+30.00	20+67.03	RT	55.00	CADD		332.54		110.00				0.025		1.46	49.17	49.17
20+30.00	20+67.03	RT	37.03	16.00	592.48							0.033		1.96	65.83	65.83
CONCRETE PAVEMENT																
20+67.03	21+04.00	LT	36.97	16.00	591.52			73.94			73.94	0.037				
20+67.03	20+70.61	RT	3.58	16.00	57.28			7.16			7.16	0.004				
20+70.61	21+04.00	RT	25.16	CADD		123.34		50.32			19.30	0.010				
20+70.61	21+04.00	RT	33.39	16.00	534.24						59.36	0.030				
RETREAT DR.																
ASPHALT PAVEMENT																
10+30.00	10+51.70	LT	31.12	CADD		125.79		62.24			20.89	0.010				
10+30.00	10+51.70	LT	21.70	19.45	422.07						46.90	0.023				
10+30.00	10+51.70	RT	31.11	CADD		125.93		62.23			6.91	0.010				
10+30.00	10+51.70	RT	21.70	19.41	421.20						46.80	0.023				
VICTOR DR.																
ASPHALT PAVEMENT																
10+30.10	10+77.25	BOTH	201.57	CADD		3742.76		403.14				0.230		13.68	460.66	460.66
CONCRETE PAVEMENT																
10+77.25	11+12.93	LT	35.54	CADD		50.43		71.08			13.50	0.007				
10+77.25	11+12.93	LT	35.68	14.00	499.52						55.50	0.028				
11+12.93	11+24.09	LT	11.16	14.00	156.24			22.32			19.84	0.010				
11+24.09	11+37.09	LT	13.00	13.40	174.20			26.00			22.24	0.011				
10+77.25	11+24.09	RT	46.99	CADD		115.25		93.98			23.25	0.012				
10+77.25	11+24.09	RT	46.84	14.00	655.76						72.86	0.036				
11+24.09	11+37.09	RT	13.00	13.51	175.63			26.00			22.40	0.011				
VILLAGE GATE DR.																
ASPHALT PAVEMENT																
10+30.00	10+82.67	LT	109.19	CADD		2097.89		158.62				0.125		7.45	250.72	250.72
10+30.00	10+82.67	RT	109.27	CADD		2095.70		158.78				0.125		7.44	250.50	250.50
CONCRETE PAVEMENT																
10+82.67	10+90.72	LT	8.05	24.00	193.20			32.20			25.04	0.013				
10+90.72	11+00.72	LT	10.00	23.78	237.80			40.00			30.87	0.015				
10+82.67	10+90.72	RT	8.05	24.00	193.20			32.20			25.04	0.013				
10+90.72	11+00.72	RT	10.00	23.51	235.10			40.00			30.57	0.015				
TOTALS CARRIED TO PAVEMENT SUBSUMMARY											**623**	**1.0**		**36**	**1192**	**1192**

NO.	DESCRIPTION	REV. BY.	DATE
5.	REVISED LIMITS OF SUBGRADE STABILIZATION	TMT	1-22-2021

CALCULATED CJC

CHECKED MRG

SUBGRADE CALCULATIONS

MED - 18 - 12.99

STATION		SIDE	LENGTH (L)	AVERAGE WIDTH (W)	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 18" EXTENSION	AREA FOR 24" EXTENSION	AREA FOR 48" EXTENSION		204 SUBGRADE COMPACTION	204 PROOF ROLLING (1 HOUR/2000 SY)		206 CEMENT (0.75 X T X 110 X 0.06) LB/SY	206 CURING COAT	206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
FROM	TO		FT	FT	SF	SF	SF	SF	SF		SY	HOUR		TON	SY	SY
											01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV		01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV
SHADY BROOKE LN.																
ASPHALT PAVEMENT																
922+76.64	923+37.87	LT	136.65	CADD		1256.26			546.60			0.100		5.95	200.32	200.32
922+76.64	923+37.87	LT	61.23	14.50	887.83							0.049		2.93	98.65	98.65
922+76.64	923+37.87	RT	104.07	CADD		1376.59			416.28			0.100		5.92	199.21	199.21
922+76.64	923+37.87	RT	61.23	14.50	887.83							0.049		2.93	98.65	98.65
CONCRETE PAVEMENT																
923+37.87	924+86.68	LT	148.81	14.50	2157.74				595.24		305.89	0.153				
924+86.68	924+95.68	LT	9.00	14.24	128.16				36.00		18.24	0.009				
923+37.87	923+98.72	RT	61.30	CADD		156.29			245.20		44.61	0.022				
923+37.87	923+98.72	RT	60.85	14.50	882.33						98.04	0.049				
923+98.72	924+86.68	RT	87.96	14.50	1275.42				351.84		180.81	0.090				
924+86.68	924+95.68	RT	9.00	14.06	126.54				36.00		18.06	0.009				
FRONTAGE RD.																
ASPHALT PAVEMENT																
10+38.00	10+65.00	LT	39.27	CADD		156.44			157.08			0.017		1.03	34.84	34.84
10+38.00	10+65.00	LT	27.00	18.00	486.00							0.027		1.60	54.00	54.00
10+38.00	10+65.00	RT	39.27	CADD		156.44			157.08			0.017		1.03	34.84	34.84
10+38.00	10+65.00	RT	27.00	18.00	486.00							0.027		1.60	54.00	54.00
11+49.00	11+76.00	LT	39.27	CADD		156.44			157.08			0.017		1.03	34.84	34.84
11+49.00	11+76.00	LT	27.00	18.00	486.00							0.027		1.60	54.00	54.00
11+49.00	11+76.00	RT	39.27	CADD		156.44			157.08			0.017		1.03	34.84	34.84
11+49.00	11+76.00	RT	27.00	18.00	486.00							0.027		1.60	54.00	54.00
CONCRETE PAVEMENT																
10+12.00	10+34.00	LT	31.42	CADD		103.87			125.68			0.007		0.76	25.51	25.51
10+12.00	10+34.00	LT	22.00	18.00	396.00							0.000		1.31	44.00	44.00
10+34.00	10+38.00	LT	4.00	18.00	72.00				16.00			0.005		0.29	9.78	9.78
10+12.00	10+34.00	RT	31.42	CADD		103.87			125.68			0.013		0.76	25.51	25.51
10+12.00	10+34.00	RT	22.00	18.00	396.00							0.022		1.31	44.00	44.00
10+34.00	10+38.00	RT	4.00	18.00	72.00				16.00			0.005		0.29	9.78	9.78
11+76.00	11+80.00	LT	4.00	18.00	72.00				16.00			0.005		0.29	9.78	9.78
11+80.00	12+02.00	LT	31.42	CADD		103.87			125.68			0.013		0.76	25.51	25.51
11+80.00	12+02.00	LT	22.00	18.00	396.00							0.022		1.31	44.00	44.00
11+76.00	11+80.00	RT	4.00	18.00	72.00				16.00			0.005		0.29	9.78	9.78
11+80.00	12+02.00	RT	31.42	CADD		103.87			125.68			0.013		0.76	25.51	25.51
11+80.00	12+02.00	RT	22.00	18.00	396.00							0.022		1.31	44.00	44.00
N. FRONTAGE RD.																
CONCRETE PAVEMENT																
40+66.96		BOTH	28.00													
40+66.96	40+80.63	LT	13.67	12.00	164.04			27.34	54.68			0.012		0.72	24.30	24.30
40+80.63	41+68.63	LT	122.24	CADD		1543.50		244.48	488.96			0.113		6.71	225.83	225.83
40+80.63	41+68.63	LT	88.00	12.00	1056.00							0.059		3.48	117.33	117.33
41+68.63	43+78.42	LT	209.79	12.00	2517.48			419.58	839.16			0.186		11.08	372.96	372.96
TOTALS CARRIED TO PAVEMENT SUBSUMMARY											**666**	**1.4**		**60**	**2010**	**2010**

CALCULATED CJC

CHECKED MRG

SUBGRADE CALCULATIONS

MED - 18 - 12.99

STATION		SIDE	LENGTH (L)	AVERAGE WIDTH (W)	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 18" EXTENSION	AREA FOR 24" EXTENSION	AREA FOR 48" EXTENSION		204	204			206	206	206								
											SUBGRADE COMPACTION	PROOF ROLLING (1 HOUR/2000 SY)			CEMENT (0.75 X T X 110 X 0.06) LB/SY	CURING COAT	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP								
FROM	TO		FT	FT	SF	SF	SF	SF	SF		SY	HOUR			TON	SY	SY								
											03/ENH/PV 04/ENH/PV	01/NHS/PV 02/NHS/PV	03/ENH/PV 04/ENH/PV		01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV								
N. FRONTAGE RD. (CONT.)																									
CONCRETE PAVEMENT																									
40+66.96	42+60.00	RT	193.04	12.00	2316.48				772.16			0.172			10.19	343.18	343.18								
42+60.00	43+40.00	RT	80.00	12.00	960.00				320.00			0.071			4.22	142.22	142.22								
43+40.00	43+78.42	RT	38.42	12.00	461.04				153.68			0.034			2.03	68.30	68.30								
43+78.42	44+92.00	CIRCLE	406.19	CADD		10244.97			1624.76			0.659			39.17	1318.86	1318.86								
S. FRONTAGE RD.																									
CONCRETE PAVEMENT																									
20+92.69	21+02.69	LT	10.00	13.00	130.00			20.00				0.008			0.50	16.67	16.67								
21+02.69	21+14.63	LT	11.94	14.00	167.16			23.88				0.011			0.63	21.23	21.23								
21+14.63	25+60.00	LT	445.37	12.00	5344.44				1781.48			0.396			23.52	791.77	791.77								
25+60.00	26+40.00	LT	80.00	12.00	960.00				320.00			0.071			4.22	142.22	142.22								
26+40.00	31+42.65	LT	502.65	12.00	6031.80				2010.60			0.447			26.54	893.60	893.60								
20+92.69	21+14.63	RT	31.64	CADD		125.17		63.28				0.007			0.62	20.94	20.94								
20+92.69	21+14.63	RT	21.94	14.00	307.16							0.017			1.01	34.13	34.13								
21+14.63	21+24.06	RT	9.43	12.00	113.16				37.72			0.008			0.50	16.76	16.76								
21+24.06	22+12.06	RT	122.24	CADD		1543.50			488.96			0.113			6.71	225.83	225.83								
21+24.06	22+12.06	RT	88.00	12.00	1056.00							0.059			3.48	117.33	117.33								
22+12.06	30+40.65	RT	828.59	12.00	9943.08				3314.36			0.737			43.75	1473.05	1473.05								
30+40.65	31+28.65	RT	122.24	CADD		1543.50			488.96			0.113			6.71	225.83	225.83								
30+40.65	31+28.65	RT	88.00	12.00	1056.00							0.059			3.48	117.33	117.33								
31+28.65	31+42.65	RT	14.00	12.00	168.00				56.00			0.012			0.74	24.89	24.89								
FOOTE RD. (CONT.)																									
CONCRETE PAVEMENT																									
10+37.00	10+40.00	LT	3.00	11.89	35.67				12.00		5.30		0.003												
10+40.00	13+60.00	LT	320.00	18.00	5760.00				1280.00		782.22		0.391												
13+60.00	15+60.16	LT	200.16	24.00	4803.84				800.64		622.72		0.311												
15+60.16	16+24.37	LT	63.84	CADD		147.35			255.36		44.75		0.022												
15+60.16	16+24.37	LT	64.21	24.00	1541.04						171.23		0.086												
10+37.00	10+40.00	RT	3.00	11.96	35.88				12.00		5.32		0.003												
10+40.00	13+60.00	RT	320.00	18.00	5760.00				1280.00		782.22		0.391												
13+60.00	15+91.49	RT	231.49	24.00	5555.76				925.96		720.19		0.360												
15+91.49	16+24.37	RT	32.37	CADD		30.15			129.48		17.74		0.009												
15+91.49	16+24.37	RT	32.88	24.00	789.12						87.68		0.044												
18+15.04	18+50.54	LT	34.37	CADD		29.90			137.48		18.60		0.009												
18+15.04	18+50.54	LT	35.50	24.00	852.00						94.67		0.047												
18+50.54	21+75.00	LT	324.46	24.00	7787.04				1297.84		1009.43		0.505												
21+75.00	22+20.00	LT	45.00	10.45	470.25				180.00		72.25		0.036												
22+20.00	25+17.61	LT	297.61	6.39	1901.73				1190.44		343.57		0.172												
25+17.61	25+53.00	LT	35.39	2.00	70.78				141.56		23.59		0.012												
18+15.04	18+79.77	RT	65.75	CADD		192.62			263.00		50.62		0.025												
18+15.04	18+79.77	RT	64.73	24.00	1553.52						172.61		0.086												
18+79.77	21+75.00	RT	295.23	24.00	7085.52				1180.92		918.49		0.459												
21+75.00	22+20.00	RT	45.00	7.69	346.05				180.00		58.45		0.029												
22+20.00	25+12.44	RT	292.44	5.21	1523.61				1169.76		299.26		0.150												
25+12.44	25+53.00	RT	40.56	2.00	81.12				162.24		27.04		0.014												
TOTALS CARRIED TO PAVEMENT SUBSUMMARY											**6328**	**3.0**	**3.2**		**179**	**5995**	**5995**								

CALCULATED CJC

CHECKED MRG

SUBGRADE CALCULATIONS

MED - 18 - 12.99

STATION FROM	STATION TO	SIDE	LENGTH (L)	AVERAGE WIDTH (W)	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 18" EXTENSION	AREA FOR 24" EXTENSION	AREA FOR 48" EXTENSION		204 SUBGRADE COMPACTION	204 PROOF ROLLING (1 HOUR/2000 SY)		206 CEMENT (0.75 X T X 110 X 0.06) LB/SY	206 CURING COAT	206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
			FT	FT	SF	SF	SF	SF	SF		SY	HOUR		TON	SY	SY
											01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV		01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV
W. HOSPITAL DR.																
ASPHALT PAVEMENT																
9+23.91	9+50.66	LT	52.10	CADD		847.73		104.20			105.77	0.053				
9+50.66	9+75.71	LT	87.39	CADD		852.64		174.78			114.16	0.057				
9+23.91	9+50.66	RT	61.72	CADD		1182.75		123.44			145.13	0.073				
9+50.66	9+87.72	RT	84.53	CADD		698.95		169.06			96.45	0.048				
E. HOSPITAL DR.																
ASPHALT PAVEMENT																
10+53.67	10+56.36	LT	2.69	14.00	37.66			5.38				0.002		0.14	4.78	4.78
10+56.36	10+98.42	LT	63.05	CADD		426.31		126.10				0.031		1.82	61.38	61.38
10+56.36	10+98.42	LT	42.06	14.00	588.84							0.033		1.94	65.43	65.43
10+53.67	10+56.42	RT	2.75	14.00	38.50			5.50				0.002		0.15	4.89	4.89
10+56.42	10+98.42	RT	62.83	CADD		423.70		125.66				0.031		1.81	61.04	61.04
10+56.42	10+98.42	RT	42.00	14.00	588.00							0.033		1.94	65.33	65.33
WATERFORD DR.																
ASPHALT PAVEMENT																
10+93.94	10+97.94	LT	4.00	21.82	87.28				16.00		11.48	0.006				
10+97.94	11+02.24	LT	4.30	22.00	94.60				17.20		12.42	0.006				
11+02.24	11+54.25	LT	78.55	CADD		580.50			314.20		99.41	0.050				
11+02.24	11+54.25	LT	52.01	22.00	1144.22						127.14	0.064				
10+93.94	10+97.94	RT	4.00	11.17	44.68				16.00		6.74	0.003				
10+97.94	11+02.24	RT	4.30	11.00	47.30				17.20		7.17	0.004				
11+02.24	11+54.25	RT	78.53	CADD		580.06			314.12		99.35	0.050				
11+02.24	11+54.25	RT	52.01	11.00	572.11						63.57	0.032				
SUMMA HEALTH CARE DR.																
ASPHALT PAVEMENT																
10+25.00	10+65.41	LT	40.41	17.00	686.97			80.82			85.31	0.043				
10+65.41	10+96.66	LT	31.25	17.00	531.25			62.50			65.97	0.033				
10+96.66	11+39.61	LT	72.28	CADD		552.93		144.56			77.50	0.039				
10+96.66	11+39.61	LT	42.95	17.00	730.15						81.13	0.041				
10+25.00	10+26.00	RT	1.00	16.97	16.97			2.00			2.11	0.001				
10+26.00	10+65.41	RT	39.41	17.00	669.97			78.82			83.20	0.042				
10+65.41	11+39.61	RT	95.24	CADD		938.29		190.48			125.42	0.063				
10+65.41	11+39.61	RT	74.20	17.00	1261.40						140.16	0.070				
TOTALS CARRIED TO PAVEMENT SUBSUMMARY											**1550**	**1.0**		**8**	**263**	**263**

NO.	DESCRIPTION	REV. BY.	DATE
5.	REVISED LIMITS OF SUBGRADE STABILIZATION	TMT	1-22-2021

CALCULATED CJC

CHECKED MRG

SUBGRADE CALCULATIONS

MED - 18 - 12.99

SUBGRADE CALCULATIONS

CALCULATED CJC | CHECKED MRG

STATION FROM	STATION TO	SIDE	LENGTH (L)	AVERAGE WIDTH (W)	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 18" EXTENSION	AREA FOR 24" EXTENSION	AREA FOR 48" EXTENSION		204 SUBGRADE COMPACTION		204 PROOF ROLLING (1 HOUR/2000 SY)			206 CEMENT (0.75 X T X 110 X 0.06) LB/SY	206 CURING COAT	206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP							
			FT	FT	SF	SF	SF	SF	SF		SY		HOUR			TON	SY	SY							
											01/NHS/PV 02/NHS/PV	03/ENH/PV 04/ENH/PV	01/NHS/PV 02/NHS/PV	03/ENH/PV 04/ENH/PV		01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV							
BUEHLER DR.																									
ASPHALT PAVEMENT																									
8+05.00	8+51.53	LT	35.32	CADD		312.35			141.28		50.40		0.025												
8+05.00	8+51.53	LT	46.53	25.00	1163.25						129.25		0.065												
8+51.53	9+28.38	LT	76.85	25.00	1921.25				307.40		247.63		0.124												
9+28.38	9+70.00	LT	62.32	CADD		369.54			249.28		68.76		0.034												
9+28.47	9+70.00	LT	41.53	25.00	1038.25						115.36		0.058												
8+05.00	8+25.00	RT	20.00	32.31	646.20				80.00		80.69		0.040												
8+25.00	9+28.38	RT	103.38	31.50	3256.47				413.52		407.78		0.204												
9+28.38	9+70.00	RT	62.37	CADD		370.62			249.48		68.90		0.034												
9+28.38	9+70.00	RT	41.62	31.50	1311.03						145.67		0.073												
RIVER STYX DR.																									
ASPHALT PAVEMENT																									
921+45.53	922+04.12	LT	86.96	CADD		1669.09			347.84				0.112			6.66	224.10	224.10							
921+45.53	922+04.12	LT	58.59	24.00	1406.16								0.078			4.64	156.24	156.24							
921+45.53	922+04.12	RT	119.14	CADD		2457.06			476.56				0.163			9.68	325.96	325.96							
921+45.53	922+04.12	RT	58.59	24.00	1406.16								0.078			4.64	156.24	156.24							
CONCRETE PAVEMENT																									
903+62.31	904+02.11	LT	57.25	CADD		579.71			229.00			89.86		0.045											
904+01.16	904+19.83	LT	18.67	8.00	149.36				74.68			24.89		0.012											
904+19.83	905+61.72	LT	141.89	6.00	851.34				567.56			157.66		0.079											
905+61.72	907+14.77	LT	155.39	CADD		1395.36			621.56			224.10		0.112											
907+14.77	910+92.00	LT	377.23	12.00	4526.76				1508.92			670.63		0.335											
910+92.00	911+57.00	LT	65.00	24.00	1560.00				260.00			202.22		0.101											
911+57.00	912+46.67	LT	89.67	12.00	1076.04				358.68			159.41		0.080											
912+46.67	917+50.00	LT	503.33	12.00	6039.96				2013.32			894.81		0.447											
917+50.00	920+11.77	LT	261.77	24.00	6282.48				1047.08			814.40		0.407											
920+11.77	921+45.53	LT	131.14	CADD		674.35			524.56			133.21		0.067											
920+11.77	921+45.53	LT	133.76	24.00	3210.24				535.04			416.14		0.208											
903+48.75	903+92.73	RT	68.01	CADD		611.18			272.04			98.14		0.049											
903+92.73	904+19.83	RT	27.10	8.00	216.80				108.40			36.13		0.018											
904+19.83	905+18.84	RT	99.01	6.00	594.06				396.04			110.01		0.055											
905+18.84	905+61.72	RT	42.88	8.00	343.04				171.52			57.17		0.029											
905+61.72	907+14.77	RT	153.05	CADD		756.92			612.20			152.12		0.076											
907+14.77	907+55.00	RT	40.23	2.00	80.46				160.92			26.82		0.013											
907+55.00	910+00.00	RT	245.00	8.00	1960.00				980.00			326.67		0.163											
910+00.00	910+92.00	RT	92.00	12.00	1104.00				368.00			163.56		0.082											
910+92.00	911+19.01	RT	27.01	24.00	648.24				108.04			84.03		0.042											
911+19.01	911+57.00	RT	37.99	25.00	949.75				151.96			122.41		0.061											
911+57.00	911+94.68	RT	37.68	15.00	565.20				150.72			79.55		0.040											
911+94.68	913+11.67	RT	116.99	16.00	1871.84				467.96			259.98		0.130											
913+11.67	913+87.34	RT	75.67	14.00	1059.38				302.68			151.34		0.076											
913+87.34	917+50.00	RT	362.66	12.00	4351.92				1450.64			644.73		0.322											
917+50.00	921+03.54	RT	353.54	24.00	8484.96				1414.16			1099.90		0.550											
921+03.54	921+45.53	RT	42.25	CADD		80.66			169.00			27.74		0.014											
921+03.54	921+45.53	RT	41.99	24.00	1007.76							111.97		0.056											
TOTALS CARRIED TO PAVEMENT SUBSUMMARY											**1315**	**7340**	**1.1**	**3.7**		**26**	**863**	**863**							

NO.	DESCRIPTION	REV. BY.	DATE
5.	REVISED LIMITS OF SUBGRADE STABILIZATION	TMT	1-22-2021

STATION FROM	STATION TO	SIDE	LENGTH (L)	AVERAGE WIDTH (W)	SURFACE AREA (A=LxW)	CADD AREA	AREA FOR 18" EXTENSION	AREA FOR 24" EXTENSION	AREA FOR 48" EXTENSION		204 SUBGRADE COMPACTION		204 PROOF ROLLING (1 HOUR/2000 SY)			206 CEMENT (0.75 X T X 110 X 0.06) LB/SY	206 CURING COAT	206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP
FROM	TO		FT	FT	SF	SF	SF	SF	SF		SY		HOUR			TON	SY	SY
											01/NHS/PV 02/NHS/PV	03/ENH/PV 04/ENH/PV	01/NHS/PV 02/NHS/PV	03/ENH/PV 04/ENH/PV		01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV	01/NHS/PV 02/NHS/PV
OCTAGON DR.																		
ASPHALT PAVEMENT																		
11+71.00	11+72.00	LT	1.00	11.02	11.02				4.00			1.670		0.001				
11+72.00	11+79.63	LT	7.63	11.00	83.93				30.52			12.720		0.006				
11+79.63	12+25.97	LT	71.69	CADD		433.77			286.76			80.060		0.040				
11+79.63	12+25.97	LT	46.34	11.00	509.74							56.640		0.028				
11+71.00	11+72.00	RT	1.00	21.97	21.97				4.00			2.890		0.001				
11+72.00	12+25.97	RT	79.78	CADD		598.66			319.12			101.980		0.051				
11+72.00	12+25.97	RT	53.97	22.00	1187.34							131.930		0.066				
RUSTIC HILLS DR.																		
ASPHALT PAVEMENT																		
14+95.00	15+10.00	LT	15.00	11.86	177.90			30.00			23.100		0.012					
14+95.00	15+10.00	LT/SHLDR	15.00	1.00	15.00		22.50				4.170		0.002					
15+10.00	15+50.68	LT	40.96	CADD		527.20		81.36	163.84		85.820		0.043					
15+50.68	15+62.47	LT	12.19	CADD		254.00			48.76		33.640		0.017					
15+62.47	16+06.24	LT	98.63	CADD		1837.77			394.52		248.030		0.124					
14+95.00	15+10.00	RT	15.00	12.09	181.35			30.00			23.480		0.012					
14+95.00	15+10.00	RT/SHLDR	15.00	1.00	15.00		22.50				4.170		0.002					
15+10.00	15+50.68	RT	41.08	CADD		545.71		81.36	164.32		87.930		0.044					
15+50.68	15+62.47	RT	12.30	CADD		268.89			49.20		35.340		0.018					
15+62.47	16+06.24	RT	96.53	CADD		1889.89			386.12		252.890		0.126					
TOTALS CARRIED TO PAVEMENT SUBSUMMARY											799	388	0.4	0.2				

NO.	DESCRIPTION	REV. BY	DATE
5.	REVISED LIMITS OF SUBGRADE STABILIZATION	TMT	1-22-2021

CALCULATED CJC

CHECKED MRG

SUBGRADE CALCULATIONS

MED - 18 - 12.99