

L:\GeaugeCO\19060009-00_SafetyProjects\110164_Roadway\Sheets\110164_GCO01.dgn 7/1/2020 9:51:29 AM jbarbour

STATION TO STATION	LENGTH "L"	AVERAGE WIDTH "W"	SURFACE AREA "A" A=LxW	CAD MEASURED AREA "A" (SF)	VOLUME "V" (CF) V=AxD	206	206	206	301	407	441	441	617			
						CEMENT	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP	TEST ROLLING	ASPHALT CONCRETE BASE, PG64-22	TACK COAT	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	COMPACTED AGGREGATE	TON	SQ YD	HOUR
					D=12"	5%, 115 PCF			T=3"	0.055/SY	T=1.5"	T=2"	T=6"			
						0.05x115xV/2000	A / 9	A / (9x2000)	(3/12)xA/27	0.055xA/9	(1.5/12)xA/27	(2/12)xA/27	(6/12)xA/27			
NEWCOMB ROAD																
SR 168 INTERSECTION	1+00			3137						19	15	19				
1+00	3+00	200.00	28	5600						34	26	35				
3+00	4+00			5761						35	27	36				
4+00	147+00	14300.00	28	400400						2447	1854	2472				
147+00	SHEDD RD INTERSECTION			2392						15	11	15				
PATCH ROAD INTERSECTION				1552						9	7	10				
SR 168 INTERSECTION	1+00			3195					30	20						
1+00	3+00	200.00	28.667	5733.333					53	35						
3+00	4+00			5825					54	36						
4+00	147+00	14300.00	28.667	409933.333					3796	2505						
147+00	SHEDD RD INTERSECTION			2449					23	15						
PATCH ROAD INTERSECTION				1569					15	10						
SR 168 INTERSECTION	1+00			3313	3313	10			368	0.2						
1+00	3+00	200.00	30	6000	6000	17			667	0.3						
3+00	4+00			6033	6033	17			670	0.3						
4+00	147+00	14300.00	30	429000	429000	1233			47667	23.8						
147+00	SHEDD RD INTERSECTION			2565	2565	7			285	0.1						
PATCH ROAD INTERSECTION				1601	1601	5			178	0.1						
SR 168 INTERSECTION	1+00	170.00	1	170									3			
1+00	3+00	400.00	1	400									7			
3+00	4+00	275.00	1	275									5			
4+00	147+00	28600.00	1	28600									530			
147+00	SHEDD RD INTERSECTION	171.00	1	171									3			
PATCH ROAD INTERSECTION		121.00	1	121									2			
NASH ROAD																
SR 168 INTERSECTION	11+00			2447						15	11	15				
11+00	12+50	150.00	28	4200						26	19	26				
SR 168 INTERSECTION	11+00			2504					23	15						
11+00	12+50	150.00	28.667	4300					40	26						
SR 168 INTERSECTION	11+00			2618		8			291	0.1						
11+00	12+50	150.00	30	4500		13			500	0.3						
SR 168 INTERSECTION	11+00	169.00	1	169									3			
11+00	12+50	300.00	1	300									6			
TOTALS						1310		50626	25	4034	5262	1970	2628	559		

CALCULATED LDW CHECKED JWB	PAVEMENT CALCULATIONS - NEWCOMB RD	GEA-COUNTY WIDE SAFETY
36 425		