

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 TON	5%, 115 PCF 0.05x115xV/2000	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP SQ YD	TEST ROLLING HOUR	ASPHALT CONCRETE BASE, PG64-22 CU YD	TACK COAT GAL	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22 CU YD	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) CU YD	COMPACTED AGGREGATE CU YD								
						D=12"		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																		
1+00	3+00	200.00	28	5600											19	15	19					
3+00	4+00			5761											34	26	35					
4+00	147+00	14300.00	28	400400											35	27	36					
147+00	SHEDD RD INTERSECTION			2392											2447	1854	2472					
PATCH ROAD INTERSECTION				1552											15	11	15					
															9	7	10					
SR 168 INTERSECTION	1+00			3195																		
1+00	3+00	200.00	28.667	5733.333											30	20						
3+00	4+00			5825											53	35						
4+00	147+00	14300.00	28.667	409933.333											54	36						
147+00	SHEDD RD INTERSECTION			2449											3796	2505						
PATCH ROAD INTERSECTION				1569											23	15						
															15	10						
SR 168 INTERSECTION	1+00			3313	3313	10																
1+00	3+00	200.00	30	6000	6000	17									368	0.2						
3+00	4+00			6033	6033	17									667	0.3						
4+00	147+00	14300.00	30	429000	429000	1233									670	0.3						
147+00	SHEDD RD INTERSECTION			2565	2565	7									47667	23.8						
PATCH ROAD INTERSECTION				1601	1601	5									285	0.1						
															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																		
11+00	12+50	150.00	28	4200											15	11	15					
															26	19	26					
SR 168 INTERSECTION	11+00			2504																		
11+00	12+50	150.00	28.667	4300											23	15						
															40	26						
SR 168 INTERSECTION	11+00			2618																		
11+00	12+50	150.00	30	4500											8	0.1						
															13	0.3						
															291							
															500							
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								

PAVEMENT CALCULATIONS - NEWCOMB RD

GEA-COUNTY WIDE SAFETY

CALCULATED
LDW
CHECKED
JWB